report on the implementation of article 66.2  
of the TRIPS agreement

European Union

The following communication, dated 27 September 2021, from the European Union, is being circulated pursuant to paragraph 1 of the Decision on Implementation of Article 66.2 of the TRIPS Agreement (document IP/C/28).

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# Introduction

This document is circulated in accordance with the Decision of the Council for TRIPS of 19 February 2003, according to which developed country Members shall submit annually reports on actions taken or planned in pursuance of their commitments under TRIPS Article 66.2 (incentives provided to their enterprises or institutions for the purpose of promoting and encouraging technology transfer to least developed countries).

As agreed in the Council for TRIPS, this document is a detailed report on technology transfer incentives put in place by the EU and its Members between July 2020 and July 2021.

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ANNEX[[1]](#footnote-1)

# European Union

| Name of programme or project | AfriAlliance - Africa-EU Innovation Alliance for Water and Climate |
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| **Objective or purpose** | To prepare Africa for future Climate Change challenges. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation programme. |
| **Eligible enterprises or institutions in developed country Member** | Project coordinator: Stichting IHE Delft, Netherlands.  Other partners from EU Members are:  - Réseau International des Organismes de Bassin Association, France;  - Global Water Partnership Organization, Sweden;  - Stichting Both Ends, Netherlands;  - Stichting Akvo, Netherlands;  - Water, Environment and Business for development SI, Spain;  - Office International de l'Eau, France;  - Universiteit Twente, Netherlands; and  - European Water Supply and Sanitation Technology Platform, Belgium. |
| **Beneficiary Member(s)** | Burkina Faso |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | The approach includes knowledge sharing and technology transfer through demos/pilot projects via Action Groups (in form of Communities of Practice for selected thematic demonstration and pilots). |
| **Financial implications** | Requested EC Contribution for LDC partner (Burkina Faso): Fondation 2IE Association, EUR 121,222,5. |
| **Field of technology** | Water and climate change-related challenges. |
| **Category of technology** | Climate change mitigation technology |
| **Output or impact** | - Increased African preparedness for Climate Change by addressing the nature of the knowledge gap of African stakeholders;  - Improved knowledge sharing and technology transfer in online and offline environments and events for African and ELI stakeholders in water and climate; and  - Improved water and climate monitoring and forecasting processes and tools in Africa. |
| **Status of the programme or project** | Completed |
| **Duration and timing** | 60 months (start date 1 March 2016) |
| **Website for further information** | <https://afrialliance.org/>  <https://cordis.europa.eu/project/id/689162> |
| **Contact point for further information** | Gaetano Casale: [q.casale@unesco-ihe.org](mailto:q.casale@unesco-ihe.org): Meike Remmers: m.[remmers@unesco-ihe.org](mailto:remmers@unesco-ihe.org): Uta Wehn: [u.wehn@unesco-ihe.orq](mailto:u.wehn@unesco-ihe.orq); Rafaela Wever: [r.demesquitawever@unesco-ihe.org](mailto:r.demesquitawever@unesco-ihe.org). |
| Name of programme or project | DAFNE - Use of a Decision-Analytic Framework to explore the water-energy-food NExus in complex and trans-boundary water resources systems of fast-growing developing countries |
| **Objective or purpose** | Global trends in population growth and rising economic prosperity will increase the demand for energy, food and water, with more severe impact in fast-growing economies, such as in several African countries. The constraints on water, energy, and food could hamper economic development, lead to social and geopolitical tensions, and cause lasting environmental damage. DAFNE project advocates an integrated and adaptive water resources planning and management approach that explicitly addresses the water-energy-food nexus from a novel participatory and multidisciplinary perspective. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation programme. |
| **Eligible enterprises or institutions in developed country Member** | The project coordinator: Eidgenoessische Technische Hochschule Zuerich.  Other partners from EU Members are:  - Politecnico di Milano, Italy;  - International Center for Research on the Environment and the Economy, Greece;  - Katholieke Universiteit Leuven, Belgium;  - The University Court of the University of Aberdeen, the United Kingdom;  - Universitaet Osnabrueck, Germany;  - Vista Geowissenschaftliche Fernerkundung Gmbh, Germany;  - Atec-3d Ltd, the United Kingdom; and  - European Institute for Participatory Media EV, Germany.  Other Non-EU Partners:  - International Water Management Institute Iwmi, Sri Lanka; and  - African Collaborative Centre for Earth System Science (Access), Kenya. |
| **Beneficiary Member(s)** | Mozambique; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | - Mozambique: Universidade Eduardo Mondlane; and  - Zambia: University of Zambia. |
| **Nature of incentive measure** | A decision-analytic-framework will be developed to quantitatively assess the social, economic, and environmental impact of expanding energy and food production in complex physical and political contexts. The DAFNE approach will be demonstrated by analysing two cross-boundary case studies, the Zambezi and the Omo river basins. |
| **Financial implications** | Total Requested EC Contribution: EUR 3,408,658.75.  Requested EC Contribution for LDC partners:  - Mozambique: Universidade Eduardo Mondlane: EUR 129,425.  - Zambia: University of Zambia: EUR 188,395. |
| **Field of technology** | Water resources management, water, energy, and food nexus. |
| **Category of technology** | Environmentally friendly or sustainable technology |
| **Output or impact** | DAFNE has led to a better understanding of the WEF nexus, and generated and explored alternative planning and management solutions based on the cooperation of public and private stakeholders. This is expected to foster both profitable and equitable use of resources without exceeding environmental limits or creating societal and/or stakeholder conflicts. The project also supported the implementation of the UN Sustainable Development Goals. |
| **Status of the programme or project** | Completed |
| **Duration and timing** | 50 months (start date 1 September 2016). |
| **Website for further information** | <https://dafne.ethz.ch/>  <https://cordis.europa.eu/project/id/690268> |
| **Contact point for further information** | Paolo Burlando, [paolo.burlando@ethz.ch](mailto:paolo.burlando@ethz.ch): Agatha Keller [qrants@sl.ethz.ch](mailto:qrants@sl.ethz.ch) |
| Name of programme or project | AfriCultuReS - Enhancing Food Security in AFRIcan AgriCULTUral Systems with the Support of REmote Sensing |
| **Objective or purpose** | AfriCultuReS – Enhancing Food Security in AFRIcan AgriCULTUral Systems with the Support of REmote Sensing - aims to design, implement and demonstrate an integrated agricultural monitoring and early warning system that will support decision making in the field of food security. AfriCultuReS will deliver a broad range of climatic, production, biophysical and economic information, for various regions in Africa. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation programme. |
| **Eligible enterprises or institutions in developed country Member** | The project coordinator: GMV AEROSPACE AND DEFENCE SA (Spain). Other partners from EU Members are: - ARISTOTELIO PANEPISTIMIO THESSALONIKIS (Greece); - DRAXIS ENVIRONMENTAL S.A. (Greece); - NOORT HARMANNUS, CONRADUS PIETER (Pays-Bas); - UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA (Italie); - SVERIGES METEOROLOGISKA OCH HYDROLOGISKA INSTITUT (Suède) - UNIVERSIDAD DE CANTABRIA (Espagne) ; - UNIVERSITY OF LEEDS (Royaume-Uni) ; - THE UNIVERSITY OF SHEFFIELD (Royaume-Uni) ;    Other non-EU Members involved in the project are: - CENTRE FOR REMOTE SENSING AND GEOGRAPHIC INFORMATION SERVICES LBG (Ghana); - LOCATE IT LIMITED (Kenya); - OBSERVATOIRE DU SAHARA ET DU SAHEL (Tunisie); - SOUTH AFRICA NATIONAL SPACE AGENCY (Afrique du Sud) ; Responsible partner from LDC: - CENTRE REGIONAL AGRHYMET (Niger); - UNIVERSIDADE EDUARDO MONDLANE (Mozambique); - GEOSAS CONSULTING SERVICE PLC (Éthiopie); - UNIVERSITY OF RWANDA (Rwanda). |
| **Beneficiary Member(s)** | Mozambique; Niger; Rwanda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | CENTRE REGIONAL AGRHYMET (Niger); - UNIVERSIDADE EDUARDO MONDLANE (Mozambique); - GEOSAS CONSULTING SERVICE PLC (Éthiopie); - UNIVERSITY OF RWANDA (Rwanda). |
| **Nature of incentive measure** | The research will strengthen user's operational capability in agricultural areas management activities, reducing costs and increasing performance by: - accessing relevant online services and integrating innovative R&D products, previously tested by end user organizations, into their own decision making chain; - acquiring more updated and accurate information which may improve their preparedness level and operational efficiency; - obtaining information on crop & livestock status in a reliable, transparent and fast way, increasing trans-national cooperation between users who can share the same information. |
| **Financial implications** | Project Requested EC Contribution: EUR 8,531,533,20 Total requested EC Contribution for LDC countries: EUR 1,190,320 of which: - CENTRE REGIONAL AGRHYMET (Niger): EUR 494,132.50 - UNIVERSIDADE EDUARDO MONDLANE (Mozambique): EUR 140,812.50 - GEOSAS CONSULTING SERVICE PLC (Éthiopie): EUR 387,500 - UNIVERSITY OF RWANDA (Rwanda): EUR 167,875. |
| **Field of technology** | Crop yield and biomass prediction models will be enhanced through the fusion of EO data and climate models, emphasizing the use of the complementary sensors of the EU Sentinels constellation. |
| **Category of technology** | Food and agriculture |
| **Output or impact** | The project will: - produce a web tool that supports early decision-making for the stakeholders of African food production; - increased involvement of citizens and stakeholders in food production and food supply chain management in Africa, taking into account the gender dimension and women's role in food production and supply; - improve participation of African organisations in GEO and Copernicus (GMES & Africa initiative); - foster cooperation with initiatives developing the Global Framework for Climate Services (GFCS) in African countries; - contribute to implementing the SDGs, in particular SDG 2 'End hunger, achieve food security and improved nutrition and promote sustainable agriculture' and SDG 13 'Take urgent action to combat climate change and its impacts'; - provide a strong Earth observation building blocks for an EU-Africa Research and Innovation Partnership focusing on food and nutrition security and sustainable agriculture; - contribute to independent and neutral evaluation of agricultural production in Africa; - improve decision making capacity regarding food supply and management in Africa; - move projection of food supply and agricultural risk assessment at the level of the African continent beyond the current capability. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 November 2017 to 31 October 2021. |
| **Website for further information** |  |
| **Contact point for further information** | GMV AEROSPACE AND DEFENCE SA, Calle Isaac Newton Parque Tecnológico De Madrid, 28760 Tres Cantos. |

| Name of programme or project | E-Shape: EUR GEOSS Showcases: Applications Powered by Europe |
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| **Objective or purpose** | The E-SHAPE proposal is driven by the need to develop operational EO services with and for the users and to create a conducive environment whereby the strengths of Europe are exploited towards addressing societal challenges, fostering entrepreneurship and supporting sustainable development. The proposal objectives are 1) to develop operational EO services with and for users active in key societal sectors; 2) to demonstrate the benefits of the EO pilots through the coordinated downstream exploitation of EO data and the utilization of existing EO resources; 3) to promote the uptake of pilots at national and international scale, across vertical markets (private and public) and amongst key user communities; 4) to enable the long-term sustainability of the numerous pilots, their penetration in public and private markets and support their upscaling; 5) to increase uptake by raising awareness on the solutions developed through tailored and well-targeted communication, dissemination and outreach activities. The proposal aims at setting-up and promoting a sustainable organization dedicated to users' uptake of European EO resources, building on Copernicus and GEOSS through the development of co-design pilots (i.e. application-oriented products, services or solutions) built on a user-centric approach and delivering economic, social and policy value to European citizens. It has also the ambition through the development of 27 pilots organized in seven showcases to deliver information that will also contribute to the three GEO engagements (SDGs, Paris Agreement and Sendai Framework). |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation programme. |
| **Eligible enterprises or institutions in developed country Member** | The project coordinator: ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS (France) Other partners from EU Members are: - ACADEMY OF ATHENS (Greece); - ASSOCIATION EUROPEENNE EURISY (France); - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS (France); - CENTRO DE INVESTIGACIÓN ECOLÓGICA Y APLICACIONES FORESTALES (Spain); - COLLECTE LOCALISATION SATELLITES (France); - CONSIGLIO NAZIONALE DELLE RICERCHE (Italy); - Centro Internazionale in Monitoraggio Ambientale - Fondazione CIMA (Italy); - DANMARKS TEKNISKE UNIVERSITET (Denmark); - DEIMOS SPACE SOCIEDAD LIMITADA UNIPERSONAL (Spain); - DEUTSCHER WETTERDIENST (Germany); - DEUTSCHES ZENTRUM FUER LUFT - UND RAUMFAHRT EV (Germany) - DIABALKANIKO KENTRO PERIBALLONTOS (Greece); - DRAXIS ENVIRONMENTAL S.A. (Greece); - ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS (Greece); - EUROPEAN ASSOCIATION OF REMOTE SENSING COMPANIES (Belgium); - EUROPEAN UNION SATELLITE CENTRE (Spain); - EVENFLOW (Belgium); - EUR GeoSurveys - EGS (Belgium); - FONDAZIONE CENTRO EUR -MEDITERRANEOSUI CAMBIAMENTI CLIMATICI (Italy); - HELMHOLTZ-ZENTRUM FUR UMWELTFORSCHUNG GMBH - UFZ (Germany); - HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL- UND KUSTENFORSCHUNG GMBH (Germany); - HELSINGIN YLIOPISTO (Finland); - ILMATIETEEN LAITOS (Finland); - INSTITUTO PORTUGUES DO MAR E DA ATMOSFERA IP (Portugal); - INTEGRATED CARBON OBSERVATION SYSTEM EUROPEAN RESEARCH INFRASTRUCTURECONSORTIUM (Finland); - INTERNATIONALES INSTITUT FUER ANGEWANDTE SYSTEMANALYSE (Austria); - ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA (Italy); - LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (Luxembourg); - MARIENE INFORMATIE SERVICE MARIS BV (Netherlands); - MARTIN-LUTHER-UNIVERSITAET HALLE-WITTENBERG (Germany); - Masarykova univerzita (Czech Republic); - NATIONAL OBSERVATORY OF ATHENS (Greece); - NEUR PUBLIC AE PLIROFORIKIS & EPIKOINONION (Greece); - OPEN GEOSPATIAL CONSORTIUM (EUROPE) LIMITED LBG (United Kingdom); - PLANETEK ITALIA SRL (Italy); - PLYMOUTH MARINE LABORATORY (United Kingdom); - STICHTING DELTARES (Netherlands); - STICHTING WAGENINGEN RESEARCH (Netherlands); - SUOMEN YMPARISTOKESKUS (Finland); - SVERIGES METEOROLOGISKA OCH HYDROLOGISKA INSTITUT (Sweden); - TRANSVALOR S.A. (France); - UMWELTBUNDESAMT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG (UBA GMBH) (Austria); - UNIVERSITA DELLA CALABRIA (Italy); - UNIVERSITAET BAYREUTH (Germany); - UNIVERSITEIT TWENTE (Netherlands); - VEDURSTOFA ISLANDS (Iceland); - VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V. (Belgium); - ZENTRALANSTALT FUR METEOROLOGIE UND GEODYNAMIK (Austria) Other non-EU Members involved in the project are: - SCHWEIZERISCHES FORSCHUNGSINSTITUT FUER HOCHGEBIRGSKLIMA UND MEDIZIN IN DAVOS (Switzerland); - TEL AVIV UNIVERSITY (Israel); Responsible partner from LDC: - MEKELLE UNIVERSITY (Ethiopia). |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | - MEKELLE UNIVERSITY (Ethiopia) End-user: KIFIYA, ATA, IFAD, MoA, MoF, State Banks, Public Finance Enterprise Agency, Insurance companies, Farmers. |
| **Nature of incentive measure** | The research will: - Provide a financial service delivery to smallholder farmers in Ethiopia with a geodata-driven risk-mitigation (insurance) product that offers a basic safety net to protect them against weather related perils. The provision of the service will be supported by on-site training, eSupport to create a long-duration product sustainability and a country-specific independence in knowledge and skills. |
| **Financial implications** | Overall budget: EUR 15 772 895,84. Maximum EU Grant Amount: EUR 14 998 976,27.  Total requested EC Contribution for LDC country (Ethiopia): EUR 51,812.50 of which: - MEKELLE UNIVERSITY (Ethiopia): EUR 51,812.50. |
| **Field of technology** | Vegetation-Index Crop-Insurance. |
| **Category of technology** | Food and agriculture |
| **Output or impact** | The project will: - Assist farmers with actionable advises, - Support farmers to CAP conformance, - Mapping Crop type and monitor CAP's Greening obligations, - Identify Crop through the use and fusion of EO, in-situ and crowd sources data. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 May 2019 until 30 April 2023. |
| **Website for further information** | <https://www.armines.net/fr> |
| **Contact point for further information** | ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS, Boulevard Saint Michel 60, 75272 Paris, France. |

| Name of programme or project | MonoCLE: Multiscale Observation Networks for Optical monitoring of Coastal waters, Lakes and Estuarie |
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| **Objective or purpose** | MONOCLE innovates and develops sensor, platform, and data handling technologies to increase coverage and lower the cost of in situ sensors in inland and coastal water bodies. These ecosystems are particularly vulnerable to direct anthropogenic impacts but of high economic importance and crucial to sustainable food, energy, and clean water supply. At the same time, these water bodies represent areas of the weakest performance in present EO capability to date. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation programme. |
| **Eligible enterprises or institutions in developed country Member** | The  project coordinator: PLYMOUTH MARINE LABORATORY (United Kingdom).  Other partners from EU Members are: - PEAK DESIGN LIMITED (United Kingdom); - INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU GEOLOGIE SI GEOECOLOGIE MARINAGEOECOMAR (Romania); - SCHMIDT NORBERT CARL (Netherlands); - DRONEGRID (Belgium); - CONSERVATION EDUCATION AND RESEARCH TRUST (United Kingdom); - AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (Spain); - WATER INSIGHT BV (Netherlands); - THE UNIVERSITY OF STIRLING (United Kingdom); - UNIVERSITEIT LEIDEN (Netherlands); - VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V. (Belgium)  Responsible partner from LDC: - TANZANIA FISHERIES RESEARCH INSTITUTE (Tanzania) |
| **Beneficiary Member(s)** | Tanzania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | - TANZANIA FISHERIES RESEARCH INSTITUTE (Tanzania). |
| **Nature of incentive measure** | The research will: - will reduce uncertainties in Earth Observation (EO) by characterising atmospheric and water optical properties. - will deploy new and improved sensors on autonomous platforms (buoys, ships, drones), and further fill information gaps by developing low-cost complementary solutions for citizen scientists. - provide essential reference observations needed to further improve and grow EO-based water quality services. |
| **Financial implications** | Project Requested EC Contribution: EUR 4,999,862.50. Total requested EC Contribution for LDC country (Tanzania): EUR 119,125 of which: - TANZANIA FISHERIES RESEARCH INSTITUTE (Tanzania): EUR 119,125. |
| **Field of technology** | The campaign will focus on biological water quality issues. |
| **Category of technology** | Environmentally friendly or sustainable technology; Information and communications technology |
| **Output or impact** | The project will - demonstrate the added value of EO and water quality oriented sensor network to Copernicus EO services, GEOSS data brokering and GEO capacity building initiatives through a number of validation campaigns and use cases, including data-poor regions where no similar infrastructure yet exists. - provide information necessary to ensure food, water and energy security, to cope with the scarcity of natural resources, to develop mitigation and adaptation solutions to climate change, and to make communities more resilient to natural hazards. - Lower technology and computing requirement for innovators and consultants. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 February 2018 until 31 July 2022. |
| **Website for further information** | <https://www.pml.ac.uk/> |
| **Contact point for further information** | PLYMOUTH MARINE LABORATORY, Prospect Place, The Hoe, Pl1 3dh Plymouth, United Kingdom |

| Name of programme or project | FarFish: Responsive Results-Based Management and capacity building for EU Sustainable Fisheries Partnership Agreement- and international water |
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| **Objective or purpose** | The objective of FarFish is to improve knowledge on and management of EU fisheries outside Europe, while contributing to sustainability and long term profitability. 21% of EU catches originate from non-EU waters. These fisheries are often poorly regulated, management decisions are sometimes based on limited knowledge and enforcement capabilities, compliance and trust between stakeholders tend to lack.  FarFish will address these shortcomings in a multidisciplinary and innovative way by focusing on six diverse case studies, four in Sustainable Fisheries Partnership Agreement (SFPA) waters and two in international waters. Firstly, FarFish will analyse biological, ecological, technological, economic, political and social impacts of EU fisheries in the case studies to advance knowledge and promote sustainable and profitable exploitation. Secondly, introduce Results-Based Management approaches and new decision support tools into these fisheries and test their applicability in collaboration with stakeholders. Thirdly, build capacities in fisheries management and related disciplines amongst stakeholders. The results of FarFish will both have immediate and long-term application. FarFish includes a diverse group of stakeholders, EU and third country fleets representatives, scientists, decision makers, Regional Fisheries Management Organisations (RFMOs), relevant industries and stakeholders from areas outside the case studies but of importance for the EU fleet, forming a platform for future cooperation between EU and third countries.  FarFish addresses the work programme by improving knowledge within the relevant fisheries, developing management tools and models, improving professional skills and sharing new findings in correspondence to the priorities of SFPAs, RFMOs and the CFP. FarFish will contribute to sustainable management, resilience and efficiency in the seafood value chains, increase European food security, boost long-term profitability and promote jobs. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation Programme. |
| **Eligible enterprises or institutions in developed country Member** | The project coordinator: MATIS OHF, Iceland Other partners from EU Members are: - AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Spain - ASOCIACIÓN NACIONAL DE FABRICANTES DE CONSERVAS DE PESCADOS Y MARISCOS CENTRO TÉCNICO NACIONAL DE CONSERVACIÓN DE PRODUCTOS DE LA PESCA, Spain - CENTRO TECNOLÓGICO DEL MAR - FUNDACIÓN CETMAR, Spain - ORGANIZACIÓN DE PRODUCTORES DE PESCA FRESCA DEL PUERTO Y RIA DE MARIN, Spain - SHUTTLE THREAD LIMITED, United Kingdom - UNIVERSITY OF PORTSMOUTH HIGHER EDUCATION CORPORATION, United Kingdom - CENTRO DE CIENCIAS DO MAR DO ALGARVE, Portugal 33 - UNIVERSIDADE DO ALGARVE, Portugal - SYNTESA AP, Denmark - CONSEJO CONSULTIVO DE FLOTA DE LARGA DISTANCIA EN AGUAS NO COMUNITARIAS, Spain Other partners from non-EU countries are: - UNIVERSIDADE DE SAO PAULO, Brazil - INSTITUTO NACIONAL DE DESENVOLVIMENTO DAS PESCAS, Cape Verde - SP/F SYNTESA, Faroe Islands - HAFRANNSOKNASTOFNUNIN, Iceland - HAFRANNSOKNASTOFNUN, RANNSOKNA- OG RADGJAFARSTOFNUN HAFS OG VATNA, Iceland - UNIVERSITE CADI AYYAD, Morocco - HAVFORSKNINGSINSTITUTTET, Norway - UNIVERSITETET I TROMSOE - NORGES ARKTISKE UNIVERSITET, Norway - NOFIMA AS, Norway - SEYCHELLES FISHING AUTHORITY, Seychelles. |
| **Beneficiary Member(s)** | Mauritania; Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Mauritania: - INSTITUT MAURITANIEN DE RECHERCHES OCEANOGRAPHIQUES ET DES PECHES Senegal: - CONSERVATION AND RESEARCH OF WEST AFRICAN AQUATIC MAMMALS (COREWAM) - INSTITUT SENEGALAIS DE RECHERCHES AGRICOLES. |
| **Nature of incentive measure** |  |
| **Financial implications** | Project requested EC contribution: EUR 69,999,440 Requested EC Contribution for LDC partner. |
| **Field of technology** |  |
| **Category of technology** | Biotechnology and biodiversity; Food and agriculture |
| **Output or impact** |  |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | From 1 June 2017 to 31 May 2021. |
| **Website for further information** |  |
| **Contact point for further information** |  |

| Name of programme or project | TRIATLAS - Tropical and South Atlantic climate-based marine ecosystem predictions for sustainable management |
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| **Objective or purpose** | Sustainable management of human activities affecting Atlantic marine ecosystems is critical to maintain its health and to support the blue economy of the bordering countries. TRIATLAS will contribute to this by delivering knowledge of the current state and future changes of the Atlantic marine ecosystems. We achieve this through a basin-wide approach integrating research from the North and South, that closes critical knowledge gaps in the Tropical and South Atlantic which impede an understanding of the entire basin. We bring together an interdisciplinary team of marine ecologists, physical oceanographers, climate researchers, and social scientists from 34 different institutions in Europe, Africa, and South America, together with multisectoral and regional stakeholders. We will enhance knowledge of the marine ecosystems in key areas of the Atlantic using existing and pivotal new (physical, biological, societal) observations. Earth system, ecological, and socio-economic models and observations will be used to assess the cumulative impacts of (climatic, pollution, and fishing) pressures driving fluctuations in the marine ecosystem, and the potential for tipping point behaviour and regime shifts. We will develop the first predictions of the marine-ecosystem for the next 40 years for the whole Atlantic, by combining state-of-the-art climate prediction and ecosystem models, with Shared Socioeconomic Pathways, and by conducting socioeconomic vulnerability assessments services, with stakeholder engagement. TRIATLAS will enhance capacity in marine ecosystems, oceanography, and climate research in countries bordering the South and Tropical Atlantic Ocean. There will be close cooperation and alignment with relevant European Commission services and the South-South Framework for Scientific and Technical Cooperation, as well as other relevant initiatives in the field. We will contribute to upscale cooperation around the Atlantic. |
| **Entity making the incentive available** | EU Horizon 2020 Research and Innovation Programme. |
| **Eligible enterprises or institutions in developed country Member** | The project coordinator: UNIVERSITETET I BERGEN, Norway Other partners from EU Members are: - HELMHOLTZ ZENTRUM FUR OZEANFORSCHUNG KIEL, Germany - JOHANN HEINRICH VON THUENEN-INSTITUT, BUNDESFORSCHUNGSINSTITUT FUER LAENDLICHE RAEUME, WALD UND FISCHEREI , Germany - LEIBNIZ-ZENTRUM FUER MARINE TROPENFORSCHUNG (ZMT) GMBH, Germany - CHRISTIAN-ALBRECHTS-UNIVERSITAET ZU KIEL, Germany - METEO-France, France - CENTRE EUROPEEN DE RECHERCHE ET DE FORMATION AVANCEE EN CALCUL SCIENTIFIQUE, France - INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT, France - CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS, France - UNIVERSITE PAUL SABATIER TOULOUSE III, France - BARCELONA SUPERCOMPUTING CENTER - CENTRO NACIONAL DE SUPERCOMPUTACIÓN, Spain - UNIVERSIDAD COMPLUTENSE DE MADRID, Spain - SORBONNE UNIVERSITE, France - AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Spain - ECOLE NORMALE SUPERIEURE, France - NATIONAL UNIVERSITY OF IRELAND GALWAY, Ireland - UNITED KINGDOM RESEARCH AND INNOVATION, United Kingdom - UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA, Spain - UNIVERSIDAD DE VIGO, Spain Other partners from non-EU countries are: - UNIVERSITY OF CAPE TOWN, South Africa - INSTITUTO NACIONAL DE DESENVOLVIMENTO DAS PESCAS, Cape Verde - HAVFORSKNINGSINSTITUTTET, Norway - STIFTELSEN NANSEN SENTER FOR MILJOOG FJERNMALING, Norway - INSTITUTO NACIONAL DE INVESTIGACAO PESQUEIRA, Angola - UNIVERSITE FELIX HOUPHOUET BOIGNY, Cote d'Ivoire - CENTRE DE RECHERCHES OCEANOLOGIQUES, Cote d'Ivoire - UNIVERSIDADE FEDERAL DO RIO GRANDE-FURG, Brazil - UNIVERSIDADE FEDERAL DE PERNAMBUCO, Brazil - UNIVERSIDADE FEDERAL DE SANTA CATARINA, Brazil - UNIVERSIDADE FEDERAL RURAL DE PERNAMBUCO, Brazil - NORCE NORWEGIAN RESEARCH CENTRE AS, Norway - UNIVERSIDADE DE CABO VERDE, Cape Verde - UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE, Brazil - UNIVERSITY OF NAMIBIA, Namibia. |
| **Beneficiary Member(s)** | Angola; Benin; Brazil; Cabo Verde; Côte d'Ivoire; Namibia; Senegal; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Benin: - UNIVERSITE D'ABOMEY-CALAVI Senegal : - INSTITUT SENEGALAIS DE RECHERCHES AGRICOLES. |
| **Nature of incentive measure** |  |
| **Financial implications** | Project requested EC contribution: EUR 11 074 400. |
| **Field of technology** |  |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** |  |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | From 1 June 2019 to 31 May 2023. |
| **Website for further information** | <https://triatlas.w.uib.no/> |
| **Contact point for further information** |  |

| Name of programme or project | Aligning Migration Management and the Migration-Development Nexus |
| --- | --- |
| **Objective or purpose** | Refining understandings of the multi-level determination of migration processes.  Documenting how configurations of policies and non-policy factors shape migration processes.  Refining understandings of the multi-level impacts of migration processes on development.  Documenting how configurations of migration and non-migration factors shape development outcomes  Identifying opportunities for sound management of transit migration.  Examining the links between migration legislation and new policy tools for migration management  Clarifying the links between migration management, development processes, and migrant integration.  Disentangling the foundations of policy incoherence in European migration and development policy  Assessing the effectiveness of the overall European approach to third-country cooperation on migration.  Ensuring impact through continuous, professional, and effective engagement with stakeholders. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium MIGNEX (Grant agreement 770453). |
| **Beneficiary Member(s)** | Afghanistan |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | SAMUEL HALL CONSULTING CO, Afghanistan. |
| **Nature of incentive measure** | Grant for research and innovation |
| **Financial implications** | EUR 669,500.00 |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Information and communications technology |
| **Output or impact** | Improved living conditions of migrants. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Five-years (since 1 September 2018). |
| **Website for further information** | <https://www.mignex.org/> |
| **Contact point for further information** | Coordinator Peace Research Institute Oslo, Norway. |

| Name of programme or project | A Global Social Sciences Network for Infectious Threats and Antimicrobial Resistance. |
| --- | --- |
| **Objective or purpose** | The goal of our European project Sonar-Global is to build a sustainable international network to strengthen the active participation of the social sciences in the prevention and response to infectious threats, including those posed by antimicrobial resistance (AMR) and vaccine hesitancy. Our activities will foster complementarities and synergies among social scientists and other stakeholders. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | SoNAR-Global Consortium (Grant agreement 825671). |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | BRAC UNIVERSITY, Bangladesh. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 260,738.75 (for the whole duration of the project). |
| **Field of technology** | Governance and other challenges in the preparedness for and the response to infectious threats |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 January 2019). |
| **Website for further information** | <https://www.sonar-global.eu/> |
| **Contact point for further information** | Coordinator INSTITUT PASTEUR, France. |

| Name of programme or project | Early clinical development of a live, attenuated combination vaccine against Shigella and ETEC diarrhoea |
| --- | --- |
| **Objective or purpose** | Although vaccination is an effective way to reduce the huge disease burden associated with diarrhoea caused by enteric pathogens, many attempts to develop vaccines for shigellosis and ETEC infections have failed and a number of current approaches are too complex and costly to provide an adequate solution for LMICs. This Consortium is dedicated to advancing a radically new approach against Shigella and ETEC based not on the immunodominant, but highly variable Shigella LPS O-antigen, target of almost all past and current vaccine development efforts. There are four pillars on which the ShigETEC vaccine has been designed: (i) Elimination of the LPS O-antigen to allow recognition of multiple antigens on the cell surface that are shared among different serotypes of Shigella and are increasingly being recognized as important in protection from shigellosis. These antigens are also closely related to those of ETEC and may also help in protecting against that pathogen as well. (ii) Elimination of the invasiveness of Shigella by disruption of the invasion complex resulting in a much safer/less reactogenic oral vaccine that can take advantage of gut mucosal immunity, possibly allowing administration of high vaccine doses and therefore addresses the low immunogenicity seen with other live attenuated vaccine candidates. (iii) Addition of detoxified toxin antigens of ETEC that will induce neutralizing/blocking antibodies to these critical virulence factors. (iv) Rational molecular design of ShigETEC will allow future generations of vaccines to include additional antigens for other pathogens. The work programme entails manufacture of clinical trial material, first-in-human testing for safety and immunogenicity in non-endemic adults, a sero-epidemiology study to learn about natural immune response to the vaccine, and importantly testing the vaccine in endemic populations. The Consortium comprises partners from EU and Bangladesh that bring along highly complementary expertise. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium SHIGETECVAX (Grant agreement 815568). |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE RESEARCH BANGLADESH, Bangladesh. |
| **Nature of incentive measure** |  |
| **Financial implications** | EUR 1,924,713.27 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** |  |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Five-years (since 1 September 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/222521/factsheet/en> |
| **Contact point for further information** | Coordinator EUROPEAN VACCINE INITIATIVE EWIV, Germany. |

| Name of programme or project | Vaccine Against Schistosomiasis for Africa. A Phase I clinical study of the SchistoShield® anti-schistosomiasis vaccine in adults in endemic areas of sub-Saharan Africa |
| --- | --- |
| **Objective or purpose** | Schistosomiasis is a poverty-related neglected tropical disease, impacting one billion people in 74 countries. Science ranked a schistosomiasis-vaccine as one of the top-10 vaccines urgently needed. Chemotherapy is the preferred method for schistosomiasis control; but the effectiveness of mass-treatment programs is compromised by reinfection requiring regular re-treatment. An efficacious vaccine, with long-lasting protection against all schistosomiasis forms, would impact disease control. We request funding for the clinical development of our SchistoShield®-vaccine (Sm- p80 antigen+GLA-SE adjuvant) in Burkina Faso and Madagascar, where Schistosoma mansoni (causing intestinal/ hepatic schistosomiasis) and S. haematobium (causing urinary schistosomiasis) are endemic. In baboon studies, SchistoShield® has been effective against all major schistosome species. It is the only vaccine candidate having consistently exhibited potent prophylactic, anti-fecundity, egg-induced pathology resolving, transmission-blocking and therapeutic efficacy. The objectives are to 1) assess the safety/immunogenicity of SchistoShield® in a Phase I clinical study in healthy adults from Africa; 2) refine and develop a female worm schistosome human challenge model; 3) identify correlates of protection, innate and adaptive immune signatures, gene expression and the role of antibodies in the prevention/control of Schistosoma infections; and 4) foster a global consortium to advance research on schistosomiasis disease burden, vaccines and address downstream access constraints in resource-poor settings. The funding requested will allow the clinical development of SchistoShield®. African site research capacity will be improved and epidemiological burden data using novel diagnostic techniques will be used to advance clinical development to Phase 2 and potential future elimination project |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium VASA (Grant agreement 815643). |
| **Beneficiary Member(s)** | Burkina Faso |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | GROUPE DE RECHERCHE ACTION EN SANTE SARL, Burkina Faso. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 643,812.51 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Five years (since 1 June 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/223199/factsheet/en> |
| **Contact point for further information** | Coordinator THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE, UK. |

| Name of programme or project | Vaccine Against Schistosomiasis for Africa. A Phase I clinical study of the SchistoShield® anti-schistosomiasis vaccine in adults in endemic areas of sub-Saharan Africa. |
| --- | --- |
| **Objective or purpose** | Schistosomiasis is a poverty-related neglected tropical disease, impacting one billion people in 74 countries. Science ranked a schistosomiasis-vaccine as one of the top-10 vaccines urgently needed. Chemotherapy is the preferred method for schistosomiasis control; but the effectiveness of mass-treatment programs is compromised by reinfection requiring regular re-treatment. An efficacious vaccine, with long-lasting protection against all schistosomiasis forms, would impact disease control. We request funding for the clinical development of our SchistoShield®-vaccine (Sm- p80 antigen+GLA-SE adjuvant) in Burkina Faso and Madagascar, where Schistosoma mansoni (causing intestinal/ hepatic schistosomiasis) and S. haematobium (causing urinary schistosomiasis) are endemic. In baboon studies, SchistoShield® has been effective against all major schistosome species. It is the only vaccine candidate having consistently exhibited potent prophylactic, anti-fecundity, egg-induced pathology resolving, transmission-blocking and therapeutic efficacy. The objectives are to 1) assess the safety/immunogenicity of SchistoShield® in a Phase I clinical study in healthy adults from Africa; 2) refine and develop a female worm schistosome human challenge model; 3) identify correlates of protection, innate and adaptive immune signatures, gene expression and the role of antibodies in the prevention/control of Schistosoma infections; and 4) foster a global consortium to advance research on schistosomiasis disease burden, vaccines and address downstream access constraints in resource-poor settings. The funding requested will allow the clinical development of SchistoShield®. African site research capacity will be improved and epidemiological burden data using novel diagnostic techniques will be used to advance clinical development to Phase 2 and potential future elimination project |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium VASA (Grant agreement 815643). |
| **Beneficiary Member(s)** | Burkina Faso |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UNIVERSITE OUAGA I PROFESSEUR JOSEPH KI-ZERBO, Burkina Faso. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 259,672.78 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Five-years (since 1 June 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/223199/factsheet/en> |
| **Contact point for further information** | Coordinator THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE, UK. |

| Name of programme or project | Scale up an Integrated Care Package for Diabetes and Hypertension for Vulnerable People in Cambodia, Slovenia and Belgium |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium SCUBY (Grant agreement 825432). |
| **Beneficiary Member(s)** | Cambodia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | NATIONAL INSTITUTE FOR PUBLIC HEALTH, Cambodia. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 446,700.00 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Four-years (since 1 January 2019). |
| **Website for further information** | <https://www.scuby.eu/> |
| **Contact point for further information** | PRINS LEOPOLD INSTITUUT VOOR TROPISCHE GENEESKUNDE, Belgium. |

| Name of programme or project | Transnational Figurations of Displacement: Connectivity and Mobility as Solutions to Protracted Refugee Situations |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium TRAFIG (Grant agreement 822453). |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ADDIS ABABA UNIVERSITY, Ethiopia. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 62,847.00 (for the whole duration of the project). |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 January 2019). |
| **Website for further information** | <https://trafig.eu/> |
| **Contact point for further information** | Coordinator Bonn International Centre for Conversion, Germany. |

| Name of programme or project | Advancing Alternative Migration Governance |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium ADMIGOV (Grant agreement 822625). |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ADDIS ABABA UNIVERSITY, Ethiopia. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 41,414.00 |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions of migrants. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Four years (since 1 February 2019). |
| **Website for further information** | <http://admigov.eu/> |
| **Contact point for further information** | Coordinator University of Amsterdam (UvA), the Netherlands. |

| Name of programme or project | 'Leaving something behind' - Migration governance and agricultural & rural change in 'home' communities: comparative experience from Europe, Asia and Africa |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium AGRUMIG (Grant agreement 822730). |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ARBAMINCH UNIVERSITY, Ethiopia. |
| **Nature of incentive measure** | ARBAMINCH UNIVERSITY, Ethiopia. |
| **Financial implications** | EUR 45,012.50 |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions in rural areas of low income countries. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 February 2019). |
| **Website for further information** | <http://agrumig.iwmi.org/> |
| **Contact point for further information** | Coordinator School of Oriental and African Studies (SOAS), University of London, UK. |

| Name of programme or project | 'Leaving something behind' - Migration governance and agricultural & rural change in 'home' communities: comparative experience from Europe, Asia and Africa |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium AGRUMIG (Grant agreement 822730). |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | MEKELLE UNIVERSITY, Ethiopia. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 45,012.50 |
| **Field of technology** | Social sciences and humanities |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions in rural areas of low income countries |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 February 2019). |
| **Website for further information** | <http://agrumig.iwmi.org/> |
| **Contact point for further information** | Coordinator School of Oriental and African Studies (SOAS), University of London, UK. |

| Name of programme or project | Vaccine Against Schistosomiasis for Africa. A Phase I clinical study of the SchistoShield® anti-schistosomiasis vaccine in adults in endemic areas of sub-Saharan Africa |
| --- | --- |
| **Objective or purpose** | Schistosomiasis is a poverty-related neglected tropical disease, impacting one billion people in 74 countries. Science ranked a schistosomiasis-vaccine as one of the top-10 vaccines urgently needed. Chemotherapy is the preferred method for schistosomiasis control; but the effectiveness of mass-treatment programs is compromised by reinfection requiring regular re-treatment. An efficacious vaccine, with long-lasting protection against all schistosomiasis forms, would impact disease control. We request funding for the clinical development of our SchistoShield®-vaccine (Sm- p80 antigen+GLA-SE adjuvant) in Burkina Faso and Madagascar, where Schistosoma mansoni (causing intestinal/ hepatic schistosomiasis) and S. haematobium (causing urinary schistosomiasis) are endemic. In baboon studies, SchistoShield® has been effective against all major schistosome species. It is the only vaccine candidate having consistently exhibited potent prophylactic, anti-fecundity, egg-induced pathology resolving, transmission-blocking and therapeutic efficacy. The objectives are to 1) assess the safety/immunogenicity of SchistoShield® in a Phase I clinical study in healthy adults from Africa; 2) refine and develop a female worm schistosome human challenge model; 3) identify correlates of protection, innate and adaptive immune signatures, gene expression and the role of antibodies in the prevention/control of Schistosoma infections; and 4) foster a global consortium to advance research on schistosomiasis disease burden, vaccines and address downstream access constraints in resource-poor settings. The funding requested will allow the clinical development of SchistoShield®. African site research capacity will be improved and epidemiological burden data using novel diagnostic techniques will be used to advance clinical development to Phase 2 and potential future elimination project. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium VASA (Grant agreement 815643). |
| **Beneficiary Member(s)** | Madagascar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UNIVERSITY OF ANTANANARIVO, Madagascar. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 864,420.38 (for the whole duration of the project). |
| **Field of technology** |  |
| **Category of technology** |  |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Five-years (since 1 June 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/223199/factsheet/en> |
| **Contact point for further information** | Coordinator THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE, UK. |

| Name of programme or project | 'Leaving something behind' - Migration governance and agricultural & rural change in 'home' communities: comparative experience from Europe, Asia and Africa |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium AGRUMIG (Grant agreement 822730). |
| **Beneficiary Member(s)** | Nepal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | SOCIAL SCIENCE BAHA, Nepal. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 78,948.75 |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions in rural areas of low-income countries. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 February 2019). |
| **Website for further information** | <http://agrumig.iwmi.org/> |
| **Contact point for further information** | Coordinator School of Oriental and African Studies (SOAS), University of London, UK. |

| Name of programme or project | Viral Haemorrhagic Fever: Modern Approaches for developing bedside Rapid Diagnostics |
| --- | --- |
| **Objective or purpose** | VHFMoDRAD will develop and deliver rapid and point-of-care multiplex diagnostic tool(s) that will significantly increase our capacity to handle outbreaks with Filoviruses and other viral hemorrhagic fever diseases in Africa. The major expected results are the development of innovative and novel diagnostic tools for VHF diseases and the reinforcement of capacity buildingVHFMoDRAD will also put in place a strong capacity building programme in West Africa. The project will disseminate widely all results as they become available, notably to public health bodies and non-governmental organisations (NGOs), via a strong outreach programme. |
| **Entity making the incentive available** | Innovative Medicines Initiative, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium VHFMoDRAD (Grant agreement number 823666). |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | INSTITUT PASTEUR DE DAKAR. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 146,250.00 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Better, faster diagnosis of viral haemorrhagic fevers like Ebola. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Four-years (since 1 January 2019). |
| **Website for further information** | <https://vhfmodrad.eu/> |
| **Contact point for further information** | Folkhälsomyndigheten - Public health agency of Sweden, Prof. Ali Mirazimi. |

| Name of programme or project | A Global Social Sciences Network for Infectious Threats and Antimicrobial Resistance |
| --- | --- |
| **Objective or purpose** | The goal of our European project Sonar-Global is to build a sustainable international network to strengthen the active participation of the social sciences in the prevention and response to infectious threats, including those posed by antimicrobial resistance (AMR) and vaccine hesitancy. Our activities will foster complementarities and synergies among social scientists and other stakeholders. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | SoNAR-Global Consortium (Grant agreement 825671). |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | CENTRE REGIONAL DE RECHERCHE ET DE FORMATION A LA PRISE EN CHARGE CLINIQUE DU VIH SIDA ET MALADIES ASSOCIEES DE DAKAR CRCF, Senegal. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 113,750.00 (for the whole duration of the project). |
| **Field of technology** | Governance and other challenges in the preparedness for and the response to infectious threats. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Preparedness and response to infectious threats. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 Jan 2019). |
| **Website for further information** | <https://www.sonar-global.eu/> |
| **Contact point for further information** | Coordinator INSTITUT PASTEUR, France. |

| Name of programme or project | Integrated human data repositories for infectious disease-related international cohorts to foster personalized medicine approaches to infectious disease research |
| --- | --- |
| **Objective or purpose** | Identify and address the political, ethical, administrative, regulatory, and legal (PEARL) barriers and solutions related to combining, analysing and sharing a range of datatypes and specimens across infectious disease cohorts.  Develop and implement a roadmap, tools and analytic methods to reconcile, analyse and link "high density laboratory" data with synthesized clinical-epidemiological metadata from objective 2.  Develop and implement a roadmap, tools and analytical methods to reconcile, analyse and link human clinical, epidemiological, and diagnostic laboratory data within and across infectious disease cohorts.  Develop a local governance model and searchable portal for decentralized cataloguing of data repositories and biobanks. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium RECODID (Grant agreement 825746). |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | INSTITUT PASTEUR DE DAKAR, Senegal. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 123,250.00 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health status. |
| **Status of the programme or project** |  |
| **Duration and timing** | Four-years (since 1 January 2019). |
| **Website for further information** | <https://recodid.eu/> |
| **Contact point for further information** | Coordinator UNIVERSITAETSKLINIKUM  HEIDELBERG, Germany. |

| Name of programme or project | Integrating and decentralising diabetes and hypertension services in Africa |
| --- | --- |
| **Objective or purpose** | We will integrate and scale up services for diabetes and hypertension in clinics in Tanzania and Uganda, either as standalone or integrated with HIV-infection. This builds on pilot studies that the partners are conducting, funded by UK NIHR, on the prevention and management of HIV, diabetes and hypertension in Africa. The aim of INTE-AFRICA is to assess the effectiveness and feasibility of large-scale scale up. Research evidence needed by African health services to scale-up and sustain the screening and management of diabetes and hypertension in different settings will be generated. The objectives include: to re-organise primary health care services so that diabetes and hypertension can be diagnosed and treated in dedicated chronic care clinics in two large regions, one in Tanzania and in Uganda; to decentralise care from health facilities to the community in order to reduce patient load at clinics and reduce reliance on (scarce) clinical staff; to evaluate these approaches in terms of acceptability (by patients and the community), numbers of patients treated and retained in care, patient clinical outcomes (blood pressure control, blood glucose control), costs of delivering integrated care for the health service and cost-effectiveness (compared to current standard care); to use the data generated to contribute evidence to the development of clinical guidelines; to develop the sustainable partnerships needed between researchers, government policy makers, public-private partnerships on an ethos of openness and equality so as to facilitate the expansion of the scale-up nationally. The majority of individuals with either hypertension or diabetes are identified after they develop complications, which leads to their poor outcomes, and to catastrophic costs to both the health service and the patient. Scaling up services for would prevent clinical complications in patients and could result in immense cost savings for patients and the health service. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Beneficiary Member(s)** | Tanzania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | NATIONAL INSTITUTE FOR MEDICAL RESEARCH, Tanzania. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 898,752.50 (for the whole duration of the project) |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Four-years (since 1 January 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/219829/factsheet/en> |
| **Contact point for further information** | Coordinator LIVERPOOL SCHOOL OF TROPICAL MEDICINE, UK. |

| Name of programme or project | Transnational Figurations of Displacement: Connectivity and Mobility as Solutions to Protracted Refugee Situations |
| --- | --- |
| **Objective or purpose** | Horizon 2020 is the financial instrument implementing the Innovation Union. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium TRAFIG (Grant agreement 822453). |
| **Beneficiary Member(s)** | Tanzania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | DIGNITY KWANZA - COMMUNITY SOLUTION, Tanzania. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 57,956.00 (for the whole duration of the project). |
| **Field of technology** | Social sciences and humanities. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved living conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 January 2019). |
| **Website for further information** | <https://trafig.eu/> |
| **Contact point for further information** | Coordinator Bonn International Centre for Conversion, Germany. |

| Name of programme or project | Integrating and decentralising diabetes and hypertension services in Africa |
| --- | --- |
| **Objective or purpose** | We will integrate and scale up services for diabetes and hypertension in clinics in Tanzania and Uganda, either as standalone or integrated with HIV-infection. This builds on pilot studies that the partners are conducting, funded by UK NIHR, on the prevention and management of HIV, diabetes and hypertension in Africa. The aim of INTE-AFRICA is to assess the effectiveness and feasibility of large-scale scale up. Research evidence needed by African health services to scale-up and sustain the screening and management of diabetes and hypertension in different settings will be generated. The objectives include: to re-organise primary health care services so that diabetes and hypertension can be diagnosed and treated in dedicated chronic care clinics in two large regions, one in Tanzania and in Uganda; to decentralise care from health facilities to the community in order to reduce patient load at clinics and reduce reliance on (scarce) clinical staff; to evaluate these approaches in terms of acceptability (by patients and the community), numbers of patients treated and retained in care, patient clinical outcomes (blood pressure control, blood glucose control), costs of delivering integrated care for the health service and cost-effectiveness (compared to current standard care); to use the data generated to contribute evidence to the development of clinical guidelines; to develop the sustainable partnerships needed between researchers, government policy makers, public-private partnerships on an ethos of openness and equality so as to facilitate the expansion of the scale-up nationally. The majority of individuals with either hypertension or diabetes are identified after they develop complications, which leads to their poor outcomes, and to catastrophic costs to both the health service and the patient. Scaling up services for would prevent clinical complications in patients and could result in immense cost savings for patients and the health service. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | Consortium INTE-AFRICA (Grant agreement 825698). |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | TASO LIMITED, Uganda. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 481,530.00 (for the whole duration of the project). |
| **Field of technology** | Health research and innovation. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Four-years (since 1 January 2019). |
| **Website for further information** | <https://cordis.europa.eu/project/rcn/219829/factsheet/en> |
| **Contact point for further information** | Coordinator LIVERPOOL SCHOOL OF TROPICAL MEDICINE, UK. |

| Name of programme or project | A Global Social Sciences Network for Infectious Threats and Antimicrobial Resistance |
| --- | --- |
| **Objective or purpose** | The goal of our European project Sonar-Global is to build a sustainable international network to strengthen the active participation of the social sciences in the prevention and response to infectious threats, including those posed by antimicrobial resistance (AMR) and vaccine hesitancy. Our activities will foster complementarities and synergies among social scientists and other stakeholders.. |
| **Entity making the incentive available** | DG Research and Innovation of the European Commission, Horizon 2020 programme. |
| **Eligible enterprises or institutions in developed country Member** | SoNAR-Global Consortium (Grant agreement 825671). |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | MAKERERE UNIVERSITY, Uganda. |
| **Nature of incentive measure** | Grant for research and innovation. |
| **Financial implications** | EUR 93,750.00 (for the whole duration of the project). |
| **Field of technology** | Governance and other challenges in the preparedness for and the response to infectious threats. |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health status. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Three-years (since 1 Jan 2019). |
| **Website for further information** | <https://www.sonar-global.eu/> |
| **Contact point for further information** | Coordinator INSTITUT PASTEUR, France. |

| Name of programme or project | Aviation Sector Support Programme II |
| --- | --- |
| **Objective or purpose** | Improve compliance with international standards in terms of air safety and security in Zambia, with the support of European Aviation Safety Agency (EASA) and other service provider to be yet contracted (two separate but interlinked components of the same project). The programme aims to assist in the development of improved policies and an improved institutional and regulatory framework for the aviation sector (which will include aviation safety and security and gender sensitivity). |
| **Entity making the incentive available** |  |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Transport and Communications, Civil Aviation Authority, Zambia Airports Corporation Ltd and other agencies. |
| **Nature of incentive measure** |  |
| **Financial implications** | EUR 5.6 million. |
| **Field of technology** | Civil Aviation. |
| **Category of technology** | Information and communications technology; Other (administrative, technical and managerial knowledge) |
| **Output or impact** | Capacity building for setting-up, maintaining and operating internationally compliant Management Information Systems, reporting standards, air navigation services and national security plan for airports and air traffic management; Know-how transfer necessary to produce secondary legislation and management procedures ensuring improved safety oversight in line with international requirements (ICAO); Know-how transfer for civil aviation training centres (training-of-trainers). |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | November 2016 - November 2024. |
| **Website for further information** | <https://www.eu-assp-z.org/> |
| **Contact point for further information** | Chasiya Kazembe: [ckazembe@nao.gov.zm](mailto:ckazembe@nao.gov.zm)  Carlos Tortosa: [Carlos.TORTOSA@easa.europa.eu](mailto:Carlos.TORTOSA@easa.europa.eu)  Juan Fernández: [juan-bautista.fernandez-osuna@ec.europa.eu](mailto:juan-bautista.fernandez-osuna@ec.europa.eu) |

| Name of programme or project | Increased Access to Electricity and Renewable Energy Production (IAEREP) |
| --- | --- |
| **Objective or purpose** | The project aims to a) promote enabling regulatory framework, renewable energy friendly policies and more effective and inclusive sector institutions; b) enhance government and private sector capacities to develop gender inclusive Renewable Energy and Energy Efficiency projects; c) improve Energy Efficiency at household and industry level by awareness raising and support to economic activities. |
| **Entity making the incentive available** |  |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy, Energy Regulation Board, Rural Electrification Authority, ZESCO (national utility) and other public agencies. |
| **Nature of incentive measure** |  |
| **Financial implications** | EUR 40 million, TA component of approx. EUR 10 million. |
| **Field of technology** | Energy sector. |
| **Category of technology** | Environmentally friendly or sustainable technology; Information and communications technology; Other (Administrative, technical and managerial knowledge.) |
| **Output or impact** | Improved policies and planning for investments in Renewable Energy and Energy Efficiency (RE/EE), demonstration projects implemented and increased number of people getting access to energy services. Capacity building for strengthening and improvement of national institutions for improved policy making and planning for Renewable Energy and Energy Efficiency (RE/EE) deployment, as well as procurement and oversight of RE/EE projects; Know-how transfer to public and private entities on technical and economic aspects relating to RE/EE solutions/business models; Awareness raising of the society on effective and productive use of RE/EE solutions/applications; Incentives (grants) for private developers to stimulate investment in low-carbon technologies to contribute to country goals on energy access and climate change mitigation (investment component separate from TA part: EUR 25 million). |
| **Status of the programme or project** | Completed |
| **Duration and timing** | March 2018 to March 2023. |
| **Website for further information** |  |
| **Contact point for further information** | [davide.bixio@eeas.europa.eu](mailto:davide.bixio@eeas.europa.eu); [adam.grodzicki@eeas.europa.eu](mailto:adam.grodzicki@eeas.europa.eu) |

| Name of programme or project | European Commission- DG EAC: Erasmus+ |
| --- | --- |
| **Objective or purpose** | The Directorate-General for Education, Youth, Sport and Culture (DG EAC) is responsible for Erasmus+. Erasmus+ is the European Union (EU) programme for education, training, youth and sport for the period 2014-2020.  The programme promotes cross-border cooperation and mobility inside Europe, but also has a strong international dimension. Under this worldwide dimension, Erasmus+ funds projects that involve partners from "Programme Countries" and "Partner Countries" throughout the world. The 34 programme countries comprise the 28 EU Members plus six other European countries. Partner Countries are located all over the world. |
| **Entity making the incentive available** | European Union> European Commission > Directorate-General for Education, Youth, Sport and Culture (DG EAC). |
| **Eligible enterprises or institutions in developed country Member** | Individuals - students, PhD candidates, trainees, professors, administrative staff- constitute the main target population of the Programme. However, the Programme reaches these individuals through organisations, institutions, bodies or groups that organise such activities (e.g. higher education institutions). The conditions of access to the Programme therefore relate to these two actors: the "participants" (individuals participating in the Programme) and the "participating organisations". For both participants and participating organisations, the conditions for participation depend on the country in which they are based. |
| **Beneficiary Member(s)** | Afghanistan; Angola; Bangladesh; Benin; Burkina Faso; Burundi; Cabo Verde; Cambodia; Central African Republic; Chad; Democratic Republic of the Congo; Djibouti; The Gambia; Guinea; Guinea-Bissau; Haiti; Lao People's Democratic Republic; Lesotho; Liberia; Madagascar; Malawi; Maldives; Mali; Mauritania; Mozambique; Myanmar; Nepal; Niger; Rwanda; Samoa; Senegal; Sierra Leone; Solomon Islands; Tanzania; Togo; Uganda; Vanuatu; Yemen; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | Least developed countries feature as priority targets for certain actions such as the short term academic mobility for students, PhD candidates and staff (the top three academic disciplines covered by partnerships with developing countries in Africa, Asia and Latin America are business, engineering and economics). Furthermore, additional scholarships are reserved for certain least developed countries for joint master programmes taught by consortia of European universities, the additional scholarships awarded in this reporting period covered studies in areas such as energy efficiency, gender studies, urban development, water and marine management.  Regarding joint university projects, Erasmus+ Capacity Building Projects in Higher Education focus on developing countries and benefit least developed countries. Such projects are aimed at modernising and reforming higher education institutions, developing new curricula, improving governance, and building relationships between higher education institutions and enterprises. The most ambitious projects can also tackle policy topics and issues, preparing the ground for higher education reform, in cooperation with national authorities. The capacity-building projects are channelling university cooperation into development goals, so each year the projects between them cover the topics of nearly all the individual SDGs (smart buildings, boosting employability, increasing female participation in STEM, etc.) |
| **Financial implications** | Individual participants (i.e. students) are provided with scholarships and financial contributions are provided to the organisations implementing the projects. |
| **Field of technology** | Erasmus+ is not focusing on formal technology transfers but funds international cooperation projects and academic mobility projects which contribute to the reinforcement of higher education systems; better training of students and staff and exchanges of qualified staff. |
| **Category of technology** | Other (Educational projects may cover any field of education.) |
| **Output or impact** |  |
| **Status of the programme or project** | Other |
| **Duration and timing** |  |
| **Website for further information** | <https://ec.europa.eu/programmes/erasmus-plus/node_en>   For specific results in LDCs see factsheets "worldwide": <https://ec.europa.eu/programmes/erasmus-plus/about/factsheets_en> |
| **Contact point for further information** | [bruno.castro@ec.europa.eu](mailto:bruno.castro@ec.europa.eu) |

| Name of programme or project | TradeCom II ACP Trade Capacity Building Programme (Programme Estimate No.2) |
| --- | --- |
| **Objective or purpose** | The overall objective of the programme is the sustainable economic development and poverty reduction in ACP countries through closer regional integration and increased participation in the global economy. The purposes of the project are to: -Enhance the capacity of ACP countries to formulate and implement sustainable trade policies; -Assist ACP countries to participate effectively in international trade negotiations and to implement international trade agreements to their benefit; and -Strengthen ACP Private Sector competitiveness by supporting trade facilitation and trade promotion. Following the 24-month implementation of the Programme under Programme Estimate No.1, the key priorities of this Programme Estimate are: 1. Trade policy and regulation; 2. EPAs, regional and WTO trade agendas; 3. Customs matters; 4. Market access and standards; 5. Competitiveness and investment. |
| **Entity making the incentive available** | Agriconsulting Europe (AESA Consortium) |
| **Eligible enterprises or institutions in developed country Member** | Secretariat of the African, Caribbean and Pacific Group of States (ACP Group); The Islamic Republic of Mauritania; Mozambique Ministry of Sea, Inland Water and Fisheries (National Institute for Fish Inspection), Ministry of Industry and Trade (National Institute for Standards Quality and Institute for Promotion of Small and Medium Enterprises); CARICOM Regional Organisation for Standards and Quality (CROSQ); African Organisation for Standardisation (ARSO) and PIF Secretariat. |
| **Beneficiary Member(s)** | Haiti; Mauritania; Mozambique |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | There are several ongoing interventions under the Programme Estimate No. two encouraging the promotion of technology transfer, as per the WTO definition, with LDCs: 1. Renforcement des systèmes d'information commerciale et de la compétitivité de la Mauritanie (Strengthening Mauritania's Trade Information Systems and Competitiveness) Objective: To contribute to sustainable economic development and poverty reduction in the Islamic Republic of Mauritania, through support for the development and strengthening of the country's policies and trade rules. Relevant specific objective: Development of a critical mass of media in support of an effective national commercial information system. 2. Targeted Assistance for EPA implementation through SPS conformity for fisheries and aquaculture, and enhanced export capacity of fisheries in Mozambique. Objective: To contribute to improving the macroeconomic performance of Mozambique through effective integration in its regional and international export markets for sustainable development and poverty reduction. Relevant specific objective: Development of national standardisation strategy for the fisheries sector. 3. Targeted assistance to strengthen regional trade-related quality infrastructure through intra-ACP partnerships - CROSQ, ARSO and PIFS General objective: To contribute to the CARICOM and intra-ACP trade capacity, competitiveness, diversification and economic performance through strengthening of their regional quality infrastructure and partnerships. Relevant specific objective: Contribute to the activation of intra-regional quality infrastructure agreements in support of market access and improved trade performance. |
| **Financial implications** | 1. EUR 247,880.00; 2. EUR 282,509.00; 3. EUR 299,945.00 |
| **Field of technology** | Know-how, best practices ICT technology and skills. |
| **Category of technology** | Information and communications technology |
| **Output or impact** | In relation to the first project, the specific outputs are: i) Preparation of the legal framework for the preparation of the National Information Network (Normative Texts); ii) Creation of industrial, economic, trade-related statistics databases; iii) Establishment of a new database on foreign trade, standards, experts, technological innovations, patents and inventions, niche markets, information on the WAEMU zone, ECOWAS, EU, America and Asia; iv) Technical Capacity Building and Training for Stakeholders of the National Business Information System. Regarding project 2: i) National strategy for standardization and conformity assessment developed; ii) Capacity to manage certification and standardization processes enhanced; iii) Roadmap for ISO 7020 and ISO 22000 accreditation processes developed and implementation supported; iv) Fisheries industries meet the international Standard ISO 22000. Finally, regarding project 3: i) Improved capacity in Standards and technical regulations development and implementation in CARICOM; ii) Feasibility study conducted for developing trade capacity enabling Sustainability Standards and associated conformity assessment modalities by CROSQ, modelling the success of ARSO. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | May 2018 to May 2020 (i.e. 24 months) |
| **Website for further information** | <http://www.tradecom-acpeu.org/> |
| **Contact point for further information** | Chloé Allio - Head of Sector, Trade |

| Name of programme or project | Prevention and Screening Innovation Project Towards Elimination of Cervical Cancer |
| --- | --- |
| **Objective or purpose** | Effective and innovative cervical cancer screening, including direct treatment and follow-up for women in resource-poor or hard-to-reach settings in the world, by improving availability, accessibility, acceptability and quality of services |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | ACADEMISCH ZIEKENHUIS GRONINGEN |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE RESEARCH BANGLADESH |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 135 750 euro |
| **Field of technology** | Implementation research into cervical cancer screening and secondary prevention in different settings |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 3 years (started on 01/02/2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/964270> |
| **Contact point for further information** | Project coordinator, ACADEMISCH ZIEKENHUIS GRONINGEN |

| Name of programme or project | Prevention and Screening Innovation Project Towards Elimination of Cervical Cancer |
| --- | --- |
| **Objective or purpose** | Effective and innovative cervical cancer screening, including direct treatment and follow-up for women in resource-poor or hard-to-reach settings in the world, by improving availability, accessibility, acceptability and quality of services |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | ACADEMISCH ZIEKENHUIS GRONINGEN |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | FRIENDSHIP |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 239 375 euro |
| **Field of technology** | Implementation research into cervical cancer screening and secondary prevention in different settings |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 3 years (started on 01-02-2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/964270> |
| **Contact point for further information** | Project coordinator, ACADEMISCH ZIEKENHUIS GRONINGEN |

| Name of programme or project | Prevention and Screening Innovation Project Towards Elimination of Cervical Cancer |
| --- | --- |
| **Objective or purpose** | Effective and innovative cervical cancer screening, including direct treatment and follow-up for women in resource-poor or hard-to-reach settings in the world, by improving availability, accessibility, acceptability and quality of services |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | ACADEMISCH ZIEKENHUIS GRONINGEN |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UGANDA RURAL DEVELOPMENT AND TRAINING PROGRAMME |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 243 437,5 euro |
| **Field of technology** | Implementation research into cervical cancer screening and secondary prevention in different settings |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 3 years (started on 01.02.2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/964270> |
| **Contact point for further information** | Project coordinator, ACADEMISCH ZIEKENHUIS GRONINGEN |

| Name of programme or project | Prevention and Screening Innovation Project Towards Elimination of Cervical Cancer |
| --- | --- |
| **Objective or purpose** | Effective and innovative cervical cancer screening, including direct treatment and follow-up for women in resource-poor or hard-to-reach settings in the world, by improving availability, accessibility, acceptability and quality of services |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | ACADEMISCH ZIEKENHUIS GRONINGEN |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UGANDA CANCER INSTITUTE |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 79 000 euro |
| **Field of technology** | Implementation research into cervical cancer screening and secondary prevention in different settings |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 3 years (started on 01.02.2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/964270> |
| **Contact point for further information** | Project coordinator, ACADEMISCH ZIEKENHUIS GRONINGEN |

| Name of programme or project | BUILDING LINKS BETWEEN EUROPE AND AFRICA IN PERSONALISED MEDICINE |
| --- | --- |
| **Objective or purpose** | The EU-Africa PerMed project has the final objective of integrating African countries into ICPerMed activities as a means to contribute to the implementation of Personalised Medicine (PM) in the global context, fostering joint PM projects and programmes between Europe and Africa |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | SOCIEDAD PARA EL FOMENTO DE LA INNOVACIÓN TECNOLÓGICA S.L. - INNOVATEC |
| **Beneficiary Member(s)** | Tanzania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | EAST CENTRAL AND SOUTHERN AFRICA HEALTH COMMUNITY |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 133 475 euro |
| **Field of technology** | Strengthening bilateral EU-AU science, technology and innovation in health |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 4 years (starting date 01/02/2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/964333> |
| **Contact point for further information** | Project coordinator, SOCIEDAD PARA EL FOMENTO DE LA INNOVACIÓN TECNOLÓGICA S.L. - INNOVATEC, Spain |

| Name of programme or project | Human, technical and political factors for better coordination and support of e-health in Africa |
| --- | --- |
| **Objective or purpose** | The EU-funded BETTEReHEALTH project seeks to greatly improve e-health in Africa by helping inform policy and ensuring better quality of and access to healthcare services |
| **Entity making the incentive available** | European Commission, Horizon 2020 |
| **Eligible enterprises or institutions in developed country Member** | SINTEF AS |
| **Beneficiary Member(s)** | Malawi |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | HEALTH INFORMATION SYSTEMS PROGRAMMES LIMITED |
| **Nature of incentive measure** | Research and innovation project |
| **Financial implications** | 157 575 euro |
| **Field of technology** | Successful implementation of e-health services |
| **Category of technology** | Health-related technology |
| **Output or impact** | Improved health conditions |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2 years (starting date 01.01.2021) |
| **Website for further information** | <https://cordis.europa.eu/project/id/101017450> |
| **Contact point for further information** | Project coordinator, SINTEF AS, Norway |

| Name of programme or project | ASTRAL - All Atlantic Ocean Sustainable, Profitable and Resilient Aquaculture |
| --- | --- |
| **Objective or purpose** | ASTRAL will develop new, sustainable, profitable and resilient value chains for integrated multi-trophic aquaculture (IMTA) production within the framework of existing, emerging and potential Atlantic markets. The proposal gathers four IMTA labs including open offshore (Ireland, Scotland), flow-through inshore (South Africa) and recirculation inshore (Brazil) systems and one prospective IMTA lab (Argentina), focusing on a regional challenge-based perspective, including fish, mollusc, echinoderm, crustacean and algae species. ASTRAL will increase circularity by 50-60% compared to monoculture baseline aquaculture and will provide a circular business model, boosting revenue diversification for aquaculture producers increasing profitability by at least 30%. New and improved innovative technology will be developed, including biosensors, sensors, IoT and an AI data analytics platform to be validated at IMTA labs at TRL 5. Potential environmental and climatic risks for Northern and Southern Atlantic regions will be addressed, delivering a monitoring programme and recommendations for Harmful Algal Blooms (HABs), pathogens and microplastics. ASTRAL will deliver an ambitious and gender-sensitive human capital development plan (HUCAP) which will improve professional skills and create a highly trained workforce. ASTRAL will share, integrate and co-generate knowledge, technology, practices and efforts with and for society, oriented towards pro-poor and gender-sensitive development. A collaborative ecosystem will be provided within the project framework bringing together and connecting industrial partners, SMEs, scientists, policy makers, social representatives and other relevant stakeholders promoting data exchange, knowledge sharing and business opportunities. |
| **Entity making the incentive available** | European Commission - Horizon 2020 Programme - H2020-BG-2019-2 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Argentina; Brazil; Nigeria; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UNIVERSIDADE FEDERAL DO RIO GRANDE (BR); COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH (ZA); CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (AR); UNIVERSITY OF CAPE TOWN (ZA); M&O PARTNERS REPRESENTACOES LTDA (BR); VIKING AQUACULTURE (PTY) LTD (ZA); NIGERIAN INSTITUTE FOR OCEANOGRAPHY AND MARINE RESEARCH |
| **Nature of incentive measure** | Research Grant |
| **Financial implications** | EU contribution EUR 7 939 354,88 |
| **Field of technology** | A circular business model for aquaculture producers |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** | <https://cordis.europa.eu/project/id/863034> |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | until 31 August 2024 |
| **Website for further information** | <https://www.astral-project.eu/> |
| **Contact point for further information** | [elisa.ravagnan@norceresearch.no](mailto:elisa.ravagnan@norceresearch.no) |

| Name of programme or project | iATLANTIC - Integrated Assessment of Atlantic Marine Ecosystems in Space and Time |
| --- | --- |
| **Objective or purpose** | iAtlantic will take an interdisciplinary scientific approach to unifying stakeholder efforts to better inform sustainable management and enhance human and observational capacity throughout the Atlantic. The integration of ecosystem data with major circulation pathways connecting the North and South linked with climatic data and forecasts provides a systematic approach to jointly assess and tackle policy challenges. Ocean physics and ecosystem connectivity will enable high-resolution oceanographic hindcasts and forecasts of future circulation together with ground-truthing genomic data. Advances in eDNA genomics, machine learning and autonomous underwater robotics will be combined with existing data to provide a step-changes in predictive habitat mapping approaches to expand species and biodiversity observations from local to basin-scales. Ecological timeseries, including innovative palaeoceanographic and genomic reconstructions, will provide an unprecedented view of the impacts of climate change on Atlantic ecosystems. Assessment of the impact of multiple stressors will identify key drivers of ecosystem change and tipping points. New data will come from 12 carefully selected regions in the deep sea and open ocean that are of international conservation significance and of interest to Blue Economy and Blue Growth sectors. Innovative and efficient data handling and data publishing approaches will establish a better integrated Atlantic Ocean observation data community. Capacity and cooperation between science, industry and policymakers bordering the Atlantic will be boosted by joint multi-disciplinary research cruises, enhanced S Atlantic monitoring arrays, scientific training events, iAtlantic Fellowships and industry focussed workshops. Results will be used to stimulate dialogue with stakeholders and critically assess current ocean governance frameworks generating increased capacity for Marine Spatial Planning and enabling Blue Growth scenarios to be rapidly evaluated. |
| **Entity making the incentive available** | European Commission - Horizon 2020 Programme - H2020-BG-2018-2 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Argentina; Brazil; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | FUNDACAO UNIVERSIDADE DO VALE DO ITAJAI (BR); UNIVERSITY OF THE WESTERN CAPE (ZA); UNIVERSIDADE DE SAO PAULO (BR); UNIVERSITY OF KWAZULU-NATAL (ZA); CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (AR); Universidade Federal do Espírito Santo (BR); NELSON MANDELA UNIVERSITY (ZA); UNIVERSIDADE FEDERAL DE SANTA CATARINA (BR); UNIVERSITY OF CAPE TOWN (ZA); NATIONAL RESEARCH FOUNDATION (ZA) |
| **Nature of incentive measure** | Research Grant |
| **Financial implications** | EU contribution EUR 10 631 224 |
| **Field of technology** | Measuring the impact of climate change on the Atlantic |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** | <https://cordis.europa.eu/project/id/818123/results> |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | ending 31 May 2023 |
| **Website for further information** | <https://www.iatlantic.eu/> |
| **Contact point for further information** | [Murray.Roberts@ed.ac.uk](mailto:Murray.Roberts@ed.ac.uk) |

| Name of programme or project | AANChOR - All AtlaNtic Cooperation for Ocean Research and innovation |
| --- | --- |
| **Objective or purpose** | The main ambition of AANChOR is to promote the implementation of the South Atlantic Research and Innovation Flagship initiative and the Belém Statement (BS), signed by the EU, Brazil and South Africa in 2017, to upscale research and innovation cooperation within the Atlantic basin, from Antarctica to the Arctic. AANChOR will pursue this ambition by providing the EC and the BS Implementation Committee (to be established by signatories of the Statement) with a framework to identify and contribute to the implementation of concrete long-term collaborative activities, reinforcing international cooperation between Europe and tropical and South Atlantic countries and connecting with the challenges and research needs of the North Atlantic Ocean. AANChOR will be responsible for launching a multi-stakeholder platform to identify collaborative activities, building on national and international ongoing initiatives such as the All Atlantic Ocean Research Alliance and addressing activities aimed at reinforcing capacity building, promoting academia-industry knowledge transfer for an enhanced ocean innovation, developing common standards, enhancing citizen awareness and ocean literacy and converging and aligning R&I infrastructure initiatives. To contribute to the implementation of the identified joint activities, AANChOR will provide seed money for the first development stages of selected joint pilot actions and support the identification of the most appropriate existing funding mechanisms and tools for further development of the selected activities. AANChOR will also define long term measures for the sustainability of the cooperation framework beyond the lifetime of the CSA. Recognizing the evolving nature of the BS implementation, flexibility has been incorporated into the structure of the CSA allowing its activities adjustment wherever needed. The consortium brings together partners from 5 European Countries, 2 Latin American countries and 2 African countries. |
| **Entity making the incentive available** | European Commission - Horizon 2020 Programme - H2020-BG-2018-1 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Argentina; Brazil; Cabo Verde; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** |  |
| **Financial implications** | EU contribution EUR 3 995 892,50 |
| **Field of technology** | ocean research and technology |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** |  |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 30 September 2022 |
| **Website for further information** | <https://allatlanticocean.org/main> |
| **Contact point for further information** |  |

| Name of programme or project | AquaVitae - New species, processes and products contributing to increased production and improved sustainability in emerging low trophic, and existing low and high trophic aquaculture value chains in the Atlantic |
| --- | --- |
| **Objective or purpose** | The overall objective of AquaVitae is to increase aquaculture production in and around the Atlantic Ocean in a sustainable way by developing new and emerging low trophic species and by optimising production in existing aquaculture value chains. The value chains that AquaVitae will focus on include macroalgae production, integrated multi-trophic aquaculture, and production of new echinoderm species as well as existing shellfish and finfish species. A series of cross-cutting Work Packages (WPs) will include research on biosensors, Internet of Things (IoT), product characteristics, consumer attitudes, market potential, sustainability, environmental monitoring, risk assessment, analysis of value chains, profitability, and other socioeconomic aspects. AquaVitae will contribute to various policy dialogues and produce briefs on policy and governance issues. The AquaVitae consortium consists of 36 full partners from Europe and countries bordering the Atlantic Ocean, in addition to an Industry Reference group, a Policy Advice Group, and an External Advisory Group. AquaVitae supports extensive communication and outreach activities, employs a multi-actor approach to ensure stakeholder engagement in all phases of the project, and will set up a durable aquaculture industry and research network around the Atlantic Ocean. Industry partners are present in all case studies, and they have a special responsibility for exploitation and commercialization of the project research results and outcomes. AquaVitae will have a lasting impact on society through the introduction of new species, and through the development of new processes and products based on a circular economy / zero waste approach with improved sustainability. AquaVitae will produce Good Practice standards, facilitate industry apprenticeship and student exchange, support extensive training programs for industry, academia, and the public, and contribute to the implementation of the EU-Brazil-South Africa Belém Statement. |
| **Entity making the incentive available** | European Commission - Horizon 2020 Programme - H2020-BG-2018-2 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Brazil; Canada; Iceland; Namibia; Norway; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** |  |
| **Financial implications** | EU contribution EUR 8 000 000 |
| **Field of technology** | Sustainable and innovative aquaculture across the Atlantic Ocean |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** |  |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 30 November 2023 |
| **Website for further information** | <https://aquavitaeproject.eu/> |
| **Contact point for further information** |  |

| Name of programme or project | MISSION ATLANTIC - Towards the Sustainable Development of the Atlantic Ocean: Mapping and Assessing the present and future status of Atlantic marine ecosystems under the influence of climate change and exploitation |
| --- | --- |
| **Objective or purpose** | MISSION ATLANTIC develops and systematically applies Atlantic Integrated Ecosystem Assessments (IEAs). IEAs enable identification of ecosystem components most at risk from natural hazards and the consequences of human activities. The project employs all available information on those sources, the pressures they impose and the ecosystem components are affected, to identify the most important risk factors influencing sustainable development.  IEAs are developed at basin and regional scales, using a nested approach with key case study (CS) areas including sub-Arctic and Tropical regions in the Atlantic Ocean. To support IEAs we map, model and assess Atlantic Ocean ecosystems including resilience and responses to cumulative pressures. Regional indicators are provided for both pelagic and benthic components, using existing and new data from monitoring programs, including information from new glider technology.  Coupled end-to-end physical-biological models are developed and validated at the basin scale to simulate ecosystem dynamics, defining new biogeographical regions and resolving connectivity between CSs. Ecosystem state indicators are then evaluated under four future climate projections of the models, to identify future risks of crossing identified tipping points into undesirable ecosystem states.  In support of the Bélem Statement, the project brings together scientists, managers and stakeholders from Brazil, S. Africa and the EU as well as US & Canada. Regional stakeholder platforms are established to support the IEAs and the interactions between researchers, industries, policy makers and authorities across the Atlantic. The platforms are delivered via partners with recognized experience in "science to governance" interfacing. Training and professional development opportunities across the Atlantic are provided via mobility, PhD and MsC programmes building around IEA theory and using an adaptive e-learning platform and examples to ensure programme legacy. |
| **Entity making the incentive available** | European Commission - Horizon 2020 Programme - H2020-BG-2019-2 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Brazil; Canada; Iceland; Norway; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | UNIVERSITY OF CAPE TOWN (ZA); UNIVERSIDADE FEDERAL DE SANTA CATARINA (BR); HAFRANNSOKNASTOFNUN, RANNSOKNA- OG RADGJAFARSTOFNUN HAFS OG VATNA (IC); UNIVERSIDADE DE SAO PAULO (BR); SOUTH AFRICAN NATIONAL BIODIVERSITY INSTITUTE (ZA); |
| **Nature of incentive measure** | Research Grant |
| **Financial implications** | EU contribution EUR 11 501 717,50 |
| **Field of technology** | Climate projections of the models to identify future risks |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** | <https://cordis.europa.eu/project/id/862428/results> |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 31 August 2025 |
| **Website for further information** | <https://missionatlantic.eu/> |
| **Contact point for further information** | [pat@aqua.dtu.dk](mailto:pat@aqua.dtu.dk) |

| Name of programme or project | AtlantECO - Atlantic ECOsystems assessment, forecasting & sustainability |
| --- | --- |
| **Objective or purpose** | The ambition of AtlantECO is to develop and apply a novel, unifying framework for providing knowledge-based resources to design policies, support decisions making and engage with citizens to encourage responsible behaviour to manage the Atlantic system and protect its Ecosystem Services (ES) provision. The aim of AtlantECO is to determine the structure and function of Atlantic microbiome in the context of ocean circulation and presence of pollutants, e.g. plastics, to assess its role in driving the dynamics of Atlantic ecosystems at basin and regional scales; its potential of being used as a sensor of ecosystem state and the mechanisms by which it drives the provision of 5ES. This is key to improve our predictions on future provision of ES in the basin and to favour the establishment of a sustainable Blue Growth strategy for an All-Atlantic community. To realise this vision, AtlantECO has four objectives which are to 1) Assess dynamics of Atlantic marine ecosystems, their ES provision and the interplay of both with socio-economic activities; 2 increase knowledge and data on microbiomes, plastics, the plastisphere and carbon fluxes that support ecosystems at basin scale using best practices and integrative sampling strategies, novel genomics, imaging and biogeochemical methods, bioinformatics and modelling approaches; 3) Assess and predict the cumulative impacts of multiple stressors on ecosystem status and dynamics and ES provision, identifying their drivers and role on tipping points, assessing their changes in recovery of ecosystem structures, functions and services, and developing eco-socio-economic models to predict future trajectories and 4) Deploy a systemic strategy to build capacity and transfer knowledge for a seamless engagement between science, industry, policy, and society. To achieve these objectives AtlantECO brings together experts and pioneers from Europe, South America and South Africa with the relevant resources, knowledge and experience. |
| **Entity making the incentive available** | European Commission, Horizon 2020 Programme - H2020-BG-2019-2 |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Brazil; Norway; South Africa; Switzerland |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH (CH); UNIVERSIDADE FEDERAL DE SAO CARLOS (BR); UNIVERSIDADE DE SAO PAULO (BR); UNIVERSITY OF PRETORIA (ZA); UNIVERSITY OF CAPE TOWN (ZA); UNIVERSIDADE FEDERAL DE SANTA CATARINA (BR); SINTEF AS (NO); COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH (ZA); UNIVERSITAET BERN; UNIVERSIDADE FEDERAL DA BAHIA (BR); UNIVERSIDADE FEDERAL DO RIO GRANDE (BR) |
| **Nature of incentive measure** | Research Grant |
| **Financial implications** | EU contribution EUR 10 925 660,13 |
| **Field of technology** | The role of the Atlantic microbiome in driving the dynamics of Atlantic ecosystems |
| **Category of technology** | Biotechnology and biodiversity |
| **Output or impact** | <https://cordis.europa.eu/project/id/862923/results> |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 31 August 2024 |
| **Website for further information** | <https://cordis.europa.eu/project/id/862923> |
| **Contact point for further information** | [iudicone@szn.it](mailto:iudicone@szn.it) |

| Name of programme or project | EU-African Union Research & Innovation Partnership on Food and Nutrition Security and Sustainable Agriculture (FNSSA) - first priority of the EU-AU High Level Policy Dialogue (HLPD) on Science, Technology and Innovation |
| --- | --- |
| **Objective or purpose** | The objective of the EU-Africa Research and Innovation Partnership on FNSSA s to overcome fragmentation of efforts, mobilise knowledge (new and traditional) to sustain innovation processes and establish a jointly funded long-term partnership. |
| **Entity making the incentive available** | European Commission (DG Research and Innovation, DG Agriculture, DG International Partnerships), African Union Commission |
| **Eligible enterprises or institutions in developed country Member** | Institutions in EU Member Countries and Associated Countries and AU Member Countries |
| **Beneficiary Member(s)** | Angola; Benin; Burkina Faso; Burundi; Central African Republic; Chad; Democratic Republic of the Congo; Djibouti; The Gambia; Guinea; Guinea-Bissau; Lesotho; Liberia; Madagascar; Malawi; Mali; Mauritania; Mozambique; Nepal; Niger; Rwanda; Senegal; Sierra Leone; Tanzania; Togo; Uganda; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | Research and Innovation Actions, Coordination and Support Actions, Innovation Actions |
| **Financial implications** | Total funding mobilised from 2016-2020: 390 million Euros |
| **Field of technology** | Food Systems (Food and Nutrition Security and Sustainable Agriculture) and Bioeconomy |
| **Category of technology** | Food and agriculture |
| **Output or impact** | Impacts of research, innovation and capacity building are often only recognizable in the long term, but in the short and medium term can be measured through creation of new technologies, services and products. Most of the projects are still ongoing and have not yet produced records of specific outputs. Many of the projects are applying a multi-actor approach. They combine the knowledge systems of scientists, advisors, farmers and other food systems actors in creation, execution and implementation of results. They are addressing challenges within a regional, national or local context, if successfully implemented, they have potential to contribute towards increased knowledge, and to stimulate local and scaled-up innovation processes. Considering, in addition that the projects align with global developmental challenges such as addressing poverty, hunger and malnutrition, combating the effects of climate change and conserving biological resources. The projects have the potential for generating technologies and solutions with relevance and potential for uptake in LDCs in Africa and other partner countries. Further facilitation of adoption and use of outputs from research and innovation initiatives in the partnership will be supported by a new innovation initiative towards improvements in agricultural eco-productivity, enterprise development in food systems. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | The ten year roadmap 2016-2026 is in implementation: <https://ec.europa.eu/info/sites/default/files/research_and_innovation/strategy_on_research_and_innovation/documents/eu-africa_roadmap_fnssa.pdf> |
| **Website for further information** | Partnership website: <https://ec.europa.eu/info/research-and-innovation/strategy/strategy-2020-2024/europe-world/international-cooperation/eu-africa-cooperation/partnership-food-and-nutrition-security-and-sustainable-agriculture-fnssa_en>  Partnership project database: <https://library.wur.nl/WebQuery/leap4fnssa-projects?q=>\* |
| **Contact point for further information** | EC, DG Research and Innovation: [Hans-Joerg.Lutzeyer@ec.europa.eu](mailto:Hans-Joerg.Lutzeyer@ec.europa.eu) |

# European Union Member States

## Ireland

| Name of programme or project | Royal College of Surgeons Ireland / College of Surgeons of East, Central and Southern Africa Collaboration Programme |
| --- | --- |
| **Objective or purpose** | To improve surgical skills in East, Southern and Central Africa |
| **Entity making the incentive available** |  |
| **Eligible enterprises or institutions in developed country Member** | Royal College of Surgeons Ireland |
| **Beneficiary Member(s)** | Botswana; Burundi; Kenya; Malawi; Mozambique; Namibia; Rwanda; Tanzania; Uganda; Zambia; Zimbabwe |
| **Beneficiary Observer(s)** | Ethiopia; South Sudan; Sudan |
| **Beneficiary enterprises or institutions** | College of Surgeons of East, Central and Southern Africa |
| **Nature of incentive measure** | Fellowships in 7 specialities. |
| **Financial implications** | 2013 - EUR500,000  2014 - EUR500,000  2015 - EUR500,000  2016 - EUR250,000  2017 - EUR400,000  2018 – EUR400,000  2019 - EUR500,000  2020 - EUR315,000  2021 - EUR500,000 |
| **Field of technology** | Health |
| **Category of technology** | Other (Training in 7 specialities: General Surgery; Orthopaedics; Paediatrics; Urology; Neurosurgery; Plastic Surgery; and Ear, Nose and Throat.) |
| **Output or impact** | Over the duration of the partnership, and particularly during the phase 2017-2020, COSECSA as has seen a huge increase in its level of activity. In the past three years, COSECSA has graduated 242 specialist surgeons. This represents 53% of the total number of graduates (450) in COSECSA's twenty-year history.  The latest retention data is very positive; it indicates that 91.5% of COSECSA graduates who responded are employed as surgeons in Africa and 80% are employed as surgeons in the country they trained in with COSECSA. Today, there are 760 doctors registered for surgical training with COSECSA, across 18 countries.  Specific technological innovations developed by the programme include:  • Development and administration of an Africa-centric surgical e-learning platform.  • Creation of a bespoke surgical electronic logbook which enhances COSECSA assessment and is the biggest dataset of African surgical training operative information  • Interactive e-learning tool for non-surgeon cadres performing basic surgery and anaesthesia in Low and Middle Income Countries.  • Development of examination standard operating procedures, collaboration on delivery of various seminars, exchange of examiners, and assistance in the establishment of a Court of Examiners. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2017 – 2021 |
| **Website for further information** |  |
| **Contact point for further information** | Fergal Horgan, Third Secretary, Global Health Team, Policy Unit, Development Cooperation and Africa Division, Department of Foreign Affairs and Trade, 13-15 Lower Hatch St, Dublin 2; Email: [fergal.horgan@dfa.ie](mailto:fergal.horgan@dfa.ie) |

| Name of programme or project | Africa Agri-Food Development Programme |
| --- | --- |
| **Objective or purpose** | The objective of the Africa Agri-Food Development Programme (AADP) is to develop partnerships between the Irish Agri-Food Sector and African companies to support sustainable growth of the local food industry, build markets for local produce and support mutual trade between Ireland and Africa. The partnership involves new and additional resources to the Agri-Food sector and may include a combination of finance and technical assistance. Initiatives are based around the key themes of:  o Food Safety  o Animal Health/Veterinary  o Business development  o Production systems  o Training/Mentoring  o Technology transfer  o R & D  o Project Management |
| **Entity making the incentive available** | The AADP combines the expertise and experience of the Department of Agriculture, Food and the Marine (DAFM) and the Department of Foreign Affairs (DFA) to support initiatives that can directly contribute to the development of agriculture and food systems in Africa. |
| **Eligible enterprises or institutions in developed country Member** | Irish-registered agri-food businesses |
| **Beneficiary Member(s)** | Botswana; Côte d'Ivoire; Ghana; Kenya; Liberia; Malawi; Mozambique; Namibia; Nigeria; Rwanda; Senegal; Sierra Leone; South Africa; Tanzania; Uganda; Zambia; Zimbabwe |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | Grant support for feasibility studies and/or full commercial projects, provided on a 50/50 matched basis. Support for grant recipients to establish in-country private and public sector contacts through Irish Embassy networks. The grant must equal a maximum of 50% of the project's total costs, up to a cap of EUR250,000. |
| **Financial implications** | In relation to this reporting period (July 2020 - July 2021), there was one call for applications, launched in July 2020 that has been concluded with disbursement in Q4 of 2020 that comprised a total of EUR890.2k (EUR545.1k from DAFM and EUR345.1k from DFA). |
| **Field of technology** | Agri-Food/Agri-Business |
| **Category of technology** |  |
| **Output or impact** | For African countries to move "beyond aid" they must increase their own trade and attract investors. The development of business and agri-trade is a priority for many African countries where the majority of the population live in rural areas and are dependent on farm incomes. Many agricultural interventions have relied on increasing primary production of food and cash crops without adequate investment in developing markets, infrastructure and the necessary investment climate for business. There is broad consensus amongst development partners that increased, local, regional and international trade will drive food production in developing countries.  For investors, Africa still poses many difficulties. Many Irish investors perceive Africa as a high risk environment due to a combination of limited human resources, weak services and fragile governance structures.  In the Irish context, we recognize the benefits of partnerships between private sector investors, development agencies and host governments. The desirable outcome is investment, growth and trade that is inclusive (meaning it delivers for the poor and/or marginalised groups), profitable and sustainable beyond the normal cycle of development assistance programmes.  The Irish agri-food sector can play a central role in the development of agri-business in Africa by bringing a much needed business perspective to the sector, supported where possible by investment and mutually beneficial trade. Irish expertise, both public and private, in areas such as animal health, food production, veterinary practice, food safety, agri-food business is well established and respected internationally. These kinds of expertise represent a significant learning resource for the agri-food sector in Developing Countries. |
| **Status of the programme or project** | Other (A new call for applications opened in July 2021. Grants linked to this new call are to be disbursed in Q4 2021. This call was originally to take place in Q1 but was delayed due to the process to introduce new enhancements to the application and evaluation processes to enhance the Programme's performance and further ensure that additionality is achieved in terms of private investment and sustainable development impact. It is planned that going forward there will be two calls for applications a year, tentatively planned to take place in Q1 and Q3 of each year. As part of the follow up to recommendations from an external review of Private Sector Engagement in Ireland's development programming, the DFA has put out two tenders to (i) contract a communications company to help raise the profile of the programme and (ii) a technical services provider to deliver due diligence and investment advisory supports.) |
| **Duration and timing** | The AADP was originally established in 2012 as the 'Africa Agri Food Development Fund'. Following a review in 2016, it was renamed the AADP and re-launched in July 2017. |
| **Website for further information** | <https://www.dfa.ie/our-role-policies/international-priorities/africa/aadp/> |
| **Contact point for further information** | [aadp@agriculture.gov.ie](mailto:aadp@agriculture.gov.ie) |

## Germany

Report under TRIPS Article 66.2 from Germany for the period of July 2020 - July 2021

| Name of programme or project | Support to technical and vocational Education and Training in Afghanistan |
| --- | --- |
| **Objective or purpose** | Labour market orientation and target group relevance of the Technical and Vocational Education and Training (TVET) system that was introduced on a pilot basis are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Afghanistan |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Education |
| **Nature of incentive measure** | Technical and vocational education and training |
| **Financial implications** | EUR 27.9 million |
| **Field of technology** | Education |
| **Category of technology** | Other (Education) |
| **Output or impact** | Promotion of technology transfer and innovation in companies through vocational training. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 November 2017 to 31 January 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Gustav Reier, [gustav.reier@giz.de](mailto:gustav.reier@giz.de) |

| Name of programme or project | Water Sector Improvement Program WSIP |
| --- | --- |
| **Objective or purpose** | The institutional, organisational and legal frame conditions for a sustainable urban water management in Afghanistan have been improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Afghanistan |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Economy |
| **Nature of incentive measure** | Technical assistance, Technological knowledge transfer |
| **Financial implications** | EUR 21.3 million |
| **Field of technology** | Water sector management |
| **Category of technology** | Other (Energy) |
| **Output or impact** | The management and protection of water resources as well as the access of the urban population to hygienic drinking water and sustainable sewage disposal are improved. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 July 2018 to 30 June 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Michael Klaus, [michael.klaus@giz.de](mailto:michael.klaus@giz.de) |

| Name of programme or project | Energy Sector Improvement Program |
| --- | --- |
| **Objective or purpose** | The pre-conditions for the promotion of renewable energy and energy efficiency have improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Afghanistan |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy and Water |
| **Nature of incentive measure** | Advisory services, Knowledge and technology transfer |
| **Financial implications** | EUR 12.5 million |
| **Field of technology** | Energy, |
| **Category of technology** | Other (Sustainable energy) |
| **Output or impact** | The supply of the urban as well as rural population with environmentally and climate friendly energy is improved. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 October 2018 to 31 December 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Robert Schultz, [robert.schultz@giz.de](mailto:robert.schultz@giz.de) |

| Name of programme or project | Higher Education and Leadership for Sustainable Textiles in Bangladesh |
| --- | --- |
| **Objective or purpose** | Selected faculties at Bangladeshi universities use the German-Bangladeshi higher education network to implement research and training activities according to the demand of responsible business management in the garment sector. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Finance |
| **Nature of incentive measure** | Knowledge transfer, Network creation |
| **Financial implications** | EUR 3 million |
| **Field of technology** | Education |
| **Category of technology** | Other (./.) |
| **Output or impact** | Social and environmental sustainability topics are taught in the education of future managers in the textile industry at universities and textile colleges. Social and ecological sustainability topics are developed according to demand for the integration into the education offered by the Textile Diploma Institutes. Junior management textile industry executives from companies and trade unions take advantage of the further training offers on the subject of sustainability management. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2021 to 31 December 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Chistian Bochmann, [christian.bochmann@giz.de](mailto:christian.bochmann@giz.de) |

| Name of programme or project | Water and Sanitation Program |
| --- | --- |
| **Objective or purpose** | The equal and sustainable access of community members, especially the poor, to clean water and sanitation as well as to hygiene is improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Benin |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Water and Mines |
| **Nature of incentive measure** | Advisory services, Technical assistance, Technological knowledge transfer |
| **Financial implications** | EUR 18.1 million |
| **Field of technology** | Water sector management |
| **Category of technology** | Other (./.) |
| **Output or impact** | Improvement of drinking water supply and strengthening of municipal capacities in the sectors of hygiene, sanitation and drinking water. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 July 2017 to 31 December 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Tobias Godau, [tobias.godau@giz.de](mailto:tobias.godau@giz.de) |

| Name of programme or project | Improvement of food security of former landless households in Cambodia |
| --- | --- |
| **Objective or purpose** | The project supports formerly displaced, landless people who have voluntarily consented to resettlement in securing their livelihoods. It aims to improve food security for formerly landless and poor households. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Cambodia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry for Land Management, Urban Planning and Construction |
| **Nature of incentive measure** | Advisory services for technology transfer, Knowledge transfer |
| **Financial implications** | EUR 6 million |
| **Field of technology** | Food and nutrition sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Livelihoods and food security of land receivers in the provinces of Kampong Chhnang, Kampong Speu, Kampong Thom and Kratie is sustainably improved. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 July 2016 to 30 June 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Guenter Wessel, [guenter.wessel@giz.de](mailto:guenter.wessel@giz.de) |

| Name of programme or project | Food security and increasing resilience of local population and refugees in eastern Chad |
| --- | --- |
| **Objective or purpose** | The resilience of refugees and the local population regarding food security in the supported communities in the region Ouaddai has increased. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Chad |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Economy, Planning and International Cooperation |
| **Nature of incentive measure** | Technical assistance, Technological knowledge transfer |
| **Financial implications** | EUR 7.2 million |
| **Field of technology** | Food sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Strengthening public, traditional and civil society structures in their role for food security and peaceful conflict management, supporting target groups in food production, promoting small-income-generating measures in the agricultural sector and rehabilitating as well as recreating food security infrastructure. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 29 November 2017 to 30 November 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Ibrahima Fadil, [ibrahima.fadil@giz.de](mailto:ibrahima.fadil@giz.de) |

| Name of programme or project | Contribution to the support of the agricultural productiveness in Ethiopia |
| --- | --- |
| **Objective or purpose** | Requirements to increase the agricultural productivity in Ethiopia are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture |
| **Nature of incentive measure** | Advisory services, Technical assistance, Technological knowledge transfer |
| **Financial implications** | EUR 6.9 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Sustainable agricultural productivity in Ethiopia is increased. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 16 January 2018 to 31 December 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Andrea Ruediger, [andrea.ruediger@giz.de](mailto:andrea.ruediger@giz.de) |

| Name of programme or project | Agricultural Mechanisation and Technology for Smallholder Productivity |
| --- | --- |
| **Objective or purpose** | The number of smallholders who use high-quality mechanization services has increased. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture |
| **Nature of incentive measure** | Knowledge transfer, Innovation |
| **Financial implications** | EUR 4,2 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (Agricultural technologies) |
| **Output or impact** | Innovations in agricultural mechanisation and technology have contributed to improved smallholder productivity and income. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 September 2018 to 31 August 2024 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Daniel Markus Hess, [daniel.hess@giz.de](mailto:daniel.hess@giz.de) |

| Name of programme or project | Cluster support for the agricultural and food industries in Ethiopia |
| --- | --- |
| **Objective or purpose** | The employment-oriented growth of agricultural and food industries is increased. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Ministry of Trade and Industry |
| **Nature of incentive measure** | Capacity building, Technological knowledge transfer |
| **Financial implications** | EUR 14 million |
| **Field of technology** | Agricultural and food sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Sustainable promotion of private sector engagement in the agri-food industry in Ethiopia. This is a prerequisite for sustainable economic growth and additional employment opportunities. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 November 2019 to 31 October 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Christian Dohse, [christian.dohse@giz.de](mailto:christian.dohse@giz.de) |

| Name of programme or project | Climate protection through forest conservation |
| --- | --- |
| **Objective or purpose** | The Lao emissions reduction programme has been implemented by improved forest governance and sustainable management of the forest landscape. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Lao People's Democratic Republic |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture and Forestry |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 22.6 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | The requirements for results-based REDD+-payments are fulfilled, deforestation-free production systems and supply chains are established and management plans for a sustainable forest management and protection are implemented. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 5 June 2019 to 30 June 2024 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Jens Kallabinski, [jens.kallabinski@giz.de](mailto:jens.kallabinski@giz.de) |

| Name of programme or project | Promotion of rural electrification through renewable energies (PERER) |
| --- | --- |
| **Objective or purpose** | The legal and administrative framework for public and private investment in the electricity supply via renewable energies is improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Madagascar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy, Water and Hydrocarbons |
| **Nature of incentive measure** | Advisory services, Technical training, Knowledge transfer |
| **Financial implications** | EUR 12,6 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | Actors in the energy sector are increasingly using the improved institutional and financial framework conditions for investments in electrification through renewable energies. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 April 2019 to 31 March 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Luis-Carlos Miro Baz. [Carlos.miro@giz.de](mailto:Carlos.miro@giz.de) |

| Name of programme or project | Support of the National Program for Sustainable Small Scale Irrigation |
| --- | --- |
| **Objective or purpose** | The planning, productive and nutrition-sensitive conditions for people working in the small scale irrigation are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mali |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture |
| **Nature of incentive measure** | Advisory services, Technical assistance, Knowledge transfer |
| **Financial implications** | EUR 6.6 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | The rural population is able to make effective use of the economic potential in the small scale irrigation sector. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2020 to 31 December 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Juergen Hoerner, [juergen.hoerner@giz.de](mailto:juergen.hoerner@giz.de) |

| Name of programme or project | Sustainable Drinking Water Supply and Sanitation in Mali |
| --- | --- |
| **Objective or purpose** | The performance by selected actors for rural water and sanitation is strengthened. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mali |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy and Water |
| **Nature of incentive measure** | Technical assistance, Knowledge transfer |
| **Financial implications** | EUR 4.7 million |
| **Field of technology** | Water sector management |
| **Category of technology** | Other (./.) |
| **Output or impact** | The responsible actors at the national and decentralized level are able to render their services efficiently and effectively and to ensure a functioning drinking water and sanitation supply system in rural areas. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2020 to 31 December 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Michael Wolf, [michael.wolf@giz.de](mailto:michael.wolf@giz.de) |

| Name of programme or project | Program for the Support of the National Strategy for Adaptation to Climate Change in Mali |
| --- | --- |
| **Objective or purpose** | The resilience of ecological production and social systems in vulnerable areas of Mali to the impact of climate change is increased through reinforced adaptive capacities and innovative, integrated adaption approaches. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mali |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Environment, Sanitation and Sustainable Development |
| **Nature of incentive measure** | Advisory services, Capacity building/training, Technological knowledge transfer |
| **Financial implications** | EUR 6 million |
| **Field of technology** | Environmental and climate sector |
| **Category of technology** | Other (./,) |
| **Output or impact** | Promotion of an economy that is resilient to climate change. Supporting the establishment of conditions which are favourable to the emergence of a private sector that is using low-carbon technologies. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 July 2014 to 31 August 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Hartmut Behrend, [hartmut.behrend@giz.de](mailto:hartmut.behrend@giz.de) |

| Name of programme or project | Integrated economic development in the extractive sector of Mauritania |
| --- | --- |
| **Objective or purpose** | The preconditions for an increased contribution of the mining sector to economic transformation are established. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mauritania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Economic Affairs and Finance |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 2 million |
| **Field of technology** | Natural resource governance |
| **Category of technology** | Other (./.) |
| **Output or impact** | Improving the access of local firms and workers to the mining sector and introducing as well as following up sustainability standards in the artisanal mining sector. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 March 2019 to 31 October 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Jonathon Hornbrook, [jonathon.hornbrook@giz.de](mailto:jonathon.hornbrook@giz.de) |

| Name of programme or project | Promoting Rural Electrification in Myanmar |
| --- | --- |
| **Objective or purpose** | State and private sector actors at the union and state level use enhanced institutional and technical capacities for promoting and developing the renewable energy mini-grid sector. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Myanmar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture, Livestock and Irrigation |
| **Nature of incentive measure** | Advisory services, Capacity building/training |
| **Financial implications** | EUR 4.5 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | The technical and institutional capacities of the government and the private sector as well as the framework conditions for the promotion, development and implementation of electrical networks based on renewable energy are strengthened. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 March 2020 to 28 February 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Regine Dietz, [regine.dietz@giz.de](mailto:regine.dietz@giz.de) |

| Name of programme or project | Promoting Sustainable Aquaculture Development |
| --- | --- |
| **Objective or purpose** | Promotion of the sustainable aquaculture in Myanmar. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Myanmar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Agriculture, Livestock and Irrigation |
| **Nature of incentive measure** | Technical assistance, Capacity building, Technological knowledge transfer |
| **Financial implications** | EUR 22.2 million |
| **Field of technology** | Fisheries |
| **Category of technology** | Other (./.) |
| **Output or impact** | The intensification of a sustainable aquaculture contributes to poverty reduction and improved food and nutrition security in selected regions of Myanmar. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 December 2016 to 30 November 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Peter Buri, [peter.buri@giz.de](mailto:peter.buri@giz.de) |

| Name of programme or project | Strengthening the Vocational Training System in Myanmar III |
| --- | --- |
| **Objective or purpose** | The vocational training system as well as certification corresponds largely to the requirement of the private sector. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Myanmar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Education, Ministry of Labour & Ministry of Industry |
| **Nature of incentive measure** | Advisory services, Cooperation with the private sector, Vocational training |
| **Financial implications** | EUR 3.9 million |
| **Field of technology** | Education |
| **Category of technology** | Other (./.) |
| **Output or impact** | Improving the labour market relevance of vocational training and certification. This includes expanding cooperation with the private sector, the qualification of vocational training staff and the development of new formats of employment orientation. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2020 to 30 June 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Eiko Kauffmann, [eiko.kauffmann@giz.de](mailto:eiko.kauffmann@giz.de) |

| Name of programme or project | Program for sustainable energies |
| --- | --- |
| **Objective or purpose** | The preconditions for the implementation of energy services which are sustainable and aimed at climate protection are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy and Renewable Energy Development |
| **Nature of incentive measure** | Capacity building, Vocational training, Technological knowledge transfer |
| **Financial implications** | EUR 14.4 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | In the medium term, the dependency on energy imports is reduced and the macroeconomic basis of the country is strengthened. The project promotes particularly social and economic development in rural areas. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2017 to 31 December 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Ezgi Stephani, [ezgi.basar@giz.de](mailto:ezgi.basar@giz.de) |

| Name of programme or project | Higher Education Program for Renewable Energy and Energy Efficiency |
| --- | --- |
| **Objective or purpose** | Employment-oriented skilled professionals in the field of development and use of renewable energy and energy efficiency are available for the labour market in Senegal. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Higher Education, Research and Innovation |
| **Nature of incentive measure** | Vocational education and training, Technical knowledge transfer |
| **Financial implications** | EUR 8 million |
| **Field of technology** | Education |
| **Category of technology** | Other (./.) |
| **Output or impact** | The labour market and practical orientation of degree and training courses in the area of renewable energies and energy efficiency is improved. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2019 to 31 December 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Ulrike Wiegelmann, [ulrike.wiegelmann@giz.de](mailto:ulrike.wiegelmann@giz.de) |

| Name of programme or project | Strengthening Resilience for a pro poor basic service delivery in South Sudan |
| --- | --- |
| **Objective or purpose** | The preconditions for the usage of safe drinking water in Gumbo, especially for the vulnerable population, are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | South Sudan |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | Technological knowledge transfer, Technical assistance |
| **Financial implications** | EUR 10 million |
| **Field of technology** | Water sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | The prerequisites for establishing a local water supply have been established and the operational capacities of the local actors for the provision of drinking water services have been strengthened. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 October 2019 to 30 September 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Younes Hassib, [younes.hassib@giz.de](mailto:younes.hassib@giz.de) |

| Name of programme or project | Rural Development and Agriculture |
| --- | --- |
| **Objective or purpose** | The technical and economic efficiency of actors in selected agricultural value chains is improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Togo |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Planning and Development |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 13.6 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Actors are enabled to use specific measures and methods for a more intensive and sustainable production along priority value chains and to professionalise entrepreneurship in the agricultural sector. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 November 2016 to 31 January 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Florent-Dirk Thies, [florent-dirk.thies@giz.de](mailto:florent-dirk.thies@giz.de) |

| Name of programme or project | Promotion of mini-grids for rural electrification |
| --- | --- |
| **Objective or purpose** | The conditions for the distribution of decentralized mini-grids in villages based on renewable energy and with the participation of the private sector are improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy and Mineral Development |
| **Nature of incentive measure** | Technical assistance, Capacity building, Technological knowledge transfer |
| **Financial implications** | EUR 9.8 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | Expanding the generation of electricity from renewable energy sources and improving the access to renewable and environmentally friendly energies as well as the efficiency of energy supply and use. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 April 2016 to 30 November 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Markus Francke, [markus.francke@giz.de](mailto:markus.francke@giz.de) |

| Name of programme or project | Promotion of Renewable Energy and Energy Efficiency |
| --- | --- |
| **Objective or purpose** | The framework conditions for access to clean energy will be improved in rural and urban areas. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Energy and Mineral Development |
| **Nature of incentive measure** | Advisory services, Capacity building, Technological knowledge transfer |
| **Financial implications** | EUR 11.7 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | Expanding the generation of electricity from renewable energy sources and improving the access to renewable and environmentally friendly energies as well as the efficiency of energy supply and use. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 February 2019 to 31 December 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Franziska Abila-Roetzer, [franziska.abila-roetzer@giz.de](mailto:franziska.abila-roetzer@giz.de) |

| Name of programme or project | Biodiversity conservation and valorising of ecosystem services in significant cross-border wetlands of the Nile Basin |
| --- | --- |
| **Objective or purpose** | The technical and institutional capacities for the sustainable management of significant cross-border wetlands in the catchment area of the Nile River are strengthened. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Burundi; Democratic Republic of the Congo; Egypt; Kenya; Rwanda; Tanzania; Uganda |
| **Beneficiary Observer(s)** | Ethiopia; South Sudan; Sudan |
| **Beneficiary enterprises or institutions** | Nile Basin Initiative |
| **Nature of incentive measure** | Advisory services, Capacity building |
| **Financial implications** | EUR 6 million |
| **Field of technology** | Biodiversity |
| **Category of technology** | Other (./.) |
| **Output or impact** | Capacities of the Nile Basin Initiative and its member states for the management of relevant cross-border wetlands are strengthened. At a basin-wide level, measures to generate knowledge and to integrate "green infrastructure" into river basin planning are being implemented. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 October 2015 to 30 September 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Malte Grossmann, [malte.grossmann@giz.de](mailto:malte.grossmann@giz.de) |

| Name of programme or project | Support to transboundary water cooperation in the Nile Basin |
| --- | --- |
| **Objective or purpose** | The capacity of the Nile Basin Initiative to build consensus amongst riparian states on the sustainable and cooperative management and development of the basin's water resources is enhanced. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Burundi; Democratic Republic of the Congo; Egypt; Kenya; Rwanda; Tanzania; Uganda |
| **Beneficiary Observer(s)** | Ethiopia; South Sudan; Sudan |
| **Beneficiary enterprises or institutions** | Nile Basin Initiative |
| **Nature of incentive measure** | Technical assistance, Capacity building, Knowledge transfer |
| **Financial implications** | EUR 13.6 million |
| **Field of technology** | Water sector management |
| **Category of technology** | Other (./.) |
| **Output or impact** | Contributing to a sustainable and fair use of the shared water resource Nile through coordinated water resource management and infrastructure development. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 July 2016 to 30 September 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Malte Grossmann, [malte.grossmann@giz.de](mailto:malte.grossmann@giz.de) |

| Name of programme or project | Project Development Programme Global (Phase 4) |
| --- | --- |
| **Objective or purpose** | Germany's small and medium sized renewable energy business enterprises spread in cooperation with local companies renewable energy technologies. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Botswana; Burkina Faso; Cambodia; Cameroon; Côte d'Ivoire; Ghana; Jordan; Kenya; Madagascar; Mali; Mauritius; Myanmar; Nigeria; Pakistan; Rwanda; Senegal; Uganda; Viet Nam; Zambia |
| **Beneficiary Observer(s)** | Lebanese Republic |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | Advisory services, Knowledge and technology transfer |
| **Financial implications** | EUR 20.2 million |
| **Field of technology** | Energy, Sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | German companies successfully implement projects in the fields of renewable energy and energy efficiency in various countries and thus contribute to the spread of these technologies. The project is contributing to strengthening the competitiveness of climate-friendly technologies and operator models with market-based solutions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 April 2018 to 31 March 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Martin Hofmann, [martin.hofmann@giz.de](mailto:martin.hofmann@giz.de) |

| Name of programme or project | Tech-Entrepreneurship Initiative Make-IT Africa |
| --- | --- |
| **Objective or purpose** | Growth of and employment in IT enterprises in selected countries of Sub Sahara Africa have been improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Ghana; Kenya; Nigeria; Rwanda; Tunisia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Selected ministries in the respective partner countries. |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 16 million |
| **Field of technology** | Digital sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Structured and sustainable promotion of the growth phase of companies in the digital economy. Companies are supported in making better use of their development potential and generating sustainable growth. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2017 to 31 August 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Jan Schwaab, [jan.schwaab@giz.de](mailto:jan.schwaab@giz.de) |

| Name of programme or project | Make-IT in Africa II |
| --- | --- |
| **Objective or purpose** | Growth of and employment in information technology (IT) enterprises in selected countries of Sub Sahara Africa have been improved. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Ghana; Rwanda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Is determined with the respective individual measure |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 8 million |
| **Field of technology** | Digital Sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | National and pan-African ecosystems were created to make digital innovations fit for the future. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 October 2020 to 30 September 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Matthias Rehfeld, [matthias.rehfeld@giz.de](mailto:matthias.rehfeld@giz.de) |

| Name of programme or project | BioInnovation Africa - Equitable Benefit-sharing for the Conservation of Biodiversity |
| --- | --- |
| **Objective or purpose** | European-African cooperation are expanded for biodiversity based innovations and products with benefit-sharing towards biodiversity conservation. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Cameroon; Madagascar; Namibia; South Africa |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Selected ministries in the respective partner countries. |
| **Nature of incentive measure** | Technology and knowledge transfer |
| **Financial implications** | EUR 9 million |
| **Field of technology** | Biodiversity |
| **Category of technology** | Other (./.) |
| **Output or impact** | Strengthening fair and biodiversity-preserving trade relations between Africa and Europe and thus helping to reduce growing inequalities and massive environmental damage. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2019 to 30 June 2022 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Andreas Drews, [andreas.drews@giz.de](mailto:andreas.drews@giz.de) |

| Name of programme or project | Sustainability and Value Added in Agricultural Supply Chains |
| --- | --- |
| **Objective or purpose** | Sustainability of selected agricultural supply chains has increased in partner countries. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Burkina Faso; Cameroon; India |
| **Beneficiary Observer(s)** | Uzbekistan |
| **Beneficiary enterprises or institutions** | Selected ministries or authorities in the respective partner countries. |
| **Nature of incentive measure** | Knowledge transfer, Cooperation with the private sector |
| **Financial implications** | EUR 104 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | The establishment of a sustainable production as well as a local value creation offers enormous potential for the creation of work, the increase of income and thus for overcoming hunger and poverty in the countries of production and selected sectors. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 April 2019 to 31 March 2026 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Felix Ruhland, [felix.ruhland@giz.de](mailto:felix.ruhland@giz.de) |

| Name of programme or project | Soil protection and rehabilitation for food security |
| --- | --- |
| **Objective or purpose** | Approaches for sustainable soil protection and soil rehabilitation have been implemented at scale in selected partner countries. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Benin; Burkina Faso; India; Kenya; Madagascar; Tunisia |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Selected ministries in the respective partner countries. |
| **Nature of incentive measure** | Advisory services, Technological knowledge transfer |
| **Financial implications** | EUR 186.2 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Soil protection and soil rehabilitation increases productivity and thus contributes to food security and poverty reduction. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 21 November 2014 to 31 March 2025 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Anneke Trux, [anneke.trux@giz.de](mailto:anneke.trux@giz.de) |

| Name of programme or project | Introduction of solar chill technology in Africa |
| --- | --- |
| **Objective or purpose** | The aim is to further develop the existing prototypes for solar-powered freezers and refrigerators in cooperation with the experienced refrigeration manufacturer PalFridge in Eswatini so that they meet the requirements of tropical and subtropical climate zones. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Eswatini |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | National Ozone Office |
| **Nature of incentive measure** | Advisory services, Knowledge and technology transfer |
| **Financial implications** | EUR 2.2 million |
| **Field of technology** | Environmental and climate sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | Introduction of solar chill technology in Africa. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 27 August 2008 to 31 October 2021 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Bernhard Siegele, [bernhard.siegele@giz.de](mailto:bernhard.siegele@giz.de) |

| Name of programme or project | International Agricultural Research |
| --- | --- |
| **Objective or purpose** | Products of development-oriented agricultural research adapted to changing circumstances are increasingly used by the target groups of male and female smallholder farmers. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Research institutes in partner countries |
| **Nature of incentive measure** | Advisory services, Knowledge and technology transfer |
| **Financial implications** | EUR 35.3 million |
| **Field of technology** | Agricultural sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | International agricultural research contributes to a world free of poverty, hunger and environmental degradation through innovative research results and products. It is therefore an integral part of the development of rural areas and food security. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2018 to 31 December 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Marlis Lindecke, [marlis.lindecke@giz.de](mailto:marlis.lindecke@giz.de) |

| Name of programme or project | Health systems strengthening and epidemic prevention |
| --- | --- |
| **Objective or purpose** | The system for disease surveillance and response, in particular for epidemic prone diseases, is strengthened in the partner counties. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Liberia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Health |
| **Nature of incentive measure** | Financial and technical support to medical research, Knowledge transfer |
| **Financial implications** | EUR 11.5 million |
| **Field of technology** | Health sector |
| **Category of technology** | Other (./.) |
| **Output or impact** | The capacity for quality-assured laboratory diagnostics, especially for diseases with epidemic potential, has been strengthened in the hospitals and health centres of the partner districts. Capacity for reporting notifiable disease cases is strengthened in partner districts. The prerequisite for strengthening the human resource capacity of epidemic prevention and response professionals are improved, taking into account gender equality. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 September 2020 to 30 June 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Dr. Daniel Lohmann, [daniel.lohmann@giz.de](mailto:daniel.lohmann@giz.de) |

| Name of programme or project | Rural Electrification in Togo |
| --- | --- |
| **Objective or purpose** | The climate friendly rural electrification in Togo is implemented taking economic and social aspects into account |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Togo |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Planning, Development and Cooperation |
| **Nature of incentive measure** | Technical assistance, Capacity building, Technological knowledge transfer |
| **Financial implications** | EUR 6.5 million |
| **Field of technology** | Energy, sustainable energy |
| **Category of technology** | Other (./.) |
| **Output or impact** | The tools for managing the climate-friendly village power approach are improved. Methods and instruments of climate-friendly rural power supply are available. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 September 2020 to 31 August 2023 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Florian Paffenholz, [florian.paffenholz@giz.de](mailto:florian.paffenholz@giz.de) |

| Name of programme or project | Digital Skills for an Innovative Industry in the East African Community (EAC) |
| --- | --- |
| **Objective or purpose** | Employment and innovation related digital skills of young people in the East African Community are strengthened. |
| **Entity making the incentive available** | GIZ |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Burundi; Kenya; Rwanda; Tanzania; Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Secretariat of the East African Community (EAC) |
| **Nature of incentive measure** | Technical education and training, Knowledge transfer |
| **Financial implications** | EUR 5.7million |
| **Field of technology** | Education |
| **Category of technology** | Other (./.) |
| **Output or impact** | The quality of the study and study-related offerings at the Centre of Excellence for ICT in East Africa has improved. Start-up offers for piloting digital/innovative solutions are provided via a cooperation network for the EAS partner countries. Short-term training courses for digital skills geared to the needs of the business community have been successfully implemented. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 April 2021 to 31 March 2024 |
| **Website for further information** | [www.giz.de](http://www.giz.de) |
| **Contact point for further information** | Simon Hochstein, [simon.hochstein@giz.de](mailto:simon.hochstein@giz.de) |

| Name of programme or project | Geo-Information for Urban Planning and adaptation to climate change, Bangladesh |
| --- | --- |
| **Objective or purpose** | The integration of Geo-information into the processes of urban planning is improved. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Bangladesh |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Geological Survey of Bangladesh |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 5 million |
| **Field of technology** | Capacity building / methodological Know-how transfer: geo-information, urban geology, urban planning, stratigraphy, seismicity, subsidence, remote sensing (radar) |
| **Category of technology** | Other (Generation of Geo-Information data and thematical maps) |
| **Output or impact** | Increased quality, transparency and efficiency of taking account geo-information data for urban planning. |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 01/2018 – 06/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Asia / Oceania Unit  Lena Lorenzen, phone +49 (511) 643-2943  [Lenamaria.lorenzen@bgr.de](mailto:Lenamaria.lorenzen@bgr.de) |

| Name of programme or project | Management and Protection of Groundwater Resources in Burundi |
| --- | --- |
| **Objective or purpose** | The Knowledge of Quantity and Quality of Groundwater Resources leads to a better Management and Protection of Groundwater Resources and a sustainable Water Supply. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Burundi |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | IGEBU (Inst. Geogr. du Burundi) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.54 million |
| **Field of technology** | Groundwater Management and Protection |
| **Category of technology** | Other (Hydrogeology, IWRM) |
| **Output or impact** | Sustainable Use and Protection of Groundwater Resources for Sustainable Potable Water Supply |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 01/2019 – 09/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Dr. Dirk Kuester, phone +49 (511) 643-3081  [dirk.kuester@bgr.de](mailto:dirk.kuester@bgr.de) |

| Name of programme or project | Strengthening of control of the mining sector of the Democratic Republic of the Congo |
| --- | --- |
| **Objective or purpose** | The economic, environmental and working conditions as well as the legal status of the companies in artisanal and small-scale mining in the Democratic Republic of the Congo are improved. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Democratic Republic of the |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Mining Ministry Democratic Republic of the Congo (Ministère des Mines) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 7.68 million |
| **Field of technology** | Mineral Certification, ASM |
| **Category of technology** | Other (Geology, CTC Certification Schemes, Good ASM Practices) |
| **Output or impact** | Mineral Certification, better ASM Practices, Control of the Small Scale Mining Sector |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 01/2018 – 06/2021 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Ulrike von Baggehufwudt, phone +49 (511) 643-3915  [ulrike.vonbaggehufwudt@bgr.de](mailto:ulrike.vonbaggehufwudt@bgr.de) |

| Name of programme or project | Support for Improvement of Mine Safety and Environmental Protection at Mines in Lao People's Democratic Republic |
| --- | --- |
| **Objective or purpose** | The control of mining operations by the mining supervisory authorities has improved. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Department of Mine Management (DMM), Research Institute for Energy and Mines (RIEM), Provincial Departments of Energy and Mines (PDEMs) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.06 million |
| **Field of technology** | Capacity building / methodological Know-how transfer: mining, exploration, economic geology, evaluation of mineral deposits |
| **Category of technology** | Other (Mining inspection methodology, mine inspection information system) |
| **Output or impact** | 1) National level: The DMM has improved capacities in the exercise of its supervisory function of mining operations in mining areas.  2) Provincial level: PDEMs have improved capacities in performing their supervisory function in mining areas.  3) State coordination and control mechanisms at national and provincial level have been expanded. |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 11/2020 – 10/2023 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Asia / Oceania Unit  Wolfgang Schirrmacher, phone +49 (511) 643-2334  [W.Schirrmacher@bgr.de](mailto:W.Schirrmacher@bgr.de) |

| Name of programme or project | Promotion of the Mauritanian Non-Metallic Mining Sector |
| --- | --- |
| **Objective or purpose** | The private sector uses the information for investment decisions in Mauritania's mining sector provided by the OMRG |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mauritania |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | OMRG |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.5 million |
| **Field of technology** | Geological and mineral information systems |
| **Category of technology** | Other (Mineral Inventory, Mineral Resource Evaluation) |
| **Output or impact** | Improved knowledge and sustainable use of Mineral Resources |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 04/2020 – 03/2023 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Annika Lüttig, phone +49 (511) 643-2525  [annika.luettig@bgr.de](mailto:annika.luettig@bgr.de) |

| Name of programme or project | Strengthening public management of the mining sector II in Mozambique |
| --- | --- |
| **Objective or purpose** | The government`s technical and organizational capacities for the planning, and control of the mining sector`s export activities are improved |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Mozambique |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | MIREME (Mozambican Ministry of Mineral Resources and Energy) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.0 million |
| **Field of technology** | Geological and mineral information systems |
| **Category of technology** | Other (Mineral Resource Evaluation) |
| **Output or impact** | Improved control over mining sector's exports; improved information about mineral resources; Sustainable Use of Mineral Resources; Capacity building |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 07/2019 – 06/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Katharina Schnell, phone +49 (511) 643- 3076  [katharina.schnell@bgr.de](mailto:katharina.schnell@bgr.de) |

| Name of programme or project | Sustainable Development of the Mining Sector in Myanmar |
| --- | --- |
| **Objective or purpose** | The quality of mining supervision and operations with respect to safety, social and environmental aspects is improved. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Myanmar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Department of Mines (DoM) under the Ministry of Natural Resources and Environmental Conservation (MoNREC) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.5 million |
| **Field of technology** | Capacity building / methodological Know-how transfer: mining, exploration, economic geology, evaluation of mineral deposits, environmental protection, safety at work, mining control, mining inspection |
| **Category of technology** | Other (Mining control and inspection methodology, mine inspection information system) |
| **Output or impact** | The DoM/MoNREC is strengthened, regarding quality, transparency and efficiency in mining inspection. Environmental protection in mining is improved. |
| **Status of the programme or project** | Completed |
| **Duration and timing** | 03/2015 - 06/2021 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Asia / Oceania Unit  Dr. Wolfgang Schröder, phone +49 (511) 643-2316  [wolfgang.schroeder@bgr.de](mailto:wolfgang.schroeder@bgr.de) |

| Name of programme or project | Improving capacities of Groundwater Management and Protection in Zambia |
| --- | --- |
| **Objective or purpose** | The capacities of Groundwater Resources Management in Zambia, and with special focus on Lusaka as especially vulnerable location, are improved and contribute to secure water supply. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Water Resource Management Authority (WARMA), Lusaka Water Supply and Sanitation Company (LWSC) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.05 million |
| **Field of technology** | Groundwater management and protection |
| **Category of technology** | Other (Groundwater information management) |
| **Output or impact** | Planning of new settlements, industry, dams etc. reflects hydrological situation and protection zones, improved access to safe drinking water |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 01/2020 – 12/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Antje Hagemann, phone: +49 (511) 643-2338  [Antje.hagemann@bgr.de](mailto:Antje.hagemann@bgr.de) |

| Name of programme or project | Geothermal energy East Africa |
| --- | --- |
| **Objective or purpose** | Improving technical and institutional capacities, foundations of regulatory decision-making and technical information basis for geothermal energy use in partner countries and to promote investment in geothermal plants. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Djibouti; Malawi; Rwanda; Tanzania; Uganda |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | African Union |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 3 million |
| **Field of technology** | Geothermal exploration |
| **Category of technology** | Other (Geothermal exploration methods, geological and geophysical field methods, capacity building, support in geothermal regulations) |
| **Output or impact** | Geothermal energy is considered in energy strategies; sites for geothermal plants have been identified and are explored or are ready to be used for mitigation fund; regulations for geothermal explorations and drilling are followed up |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 08/2016 – 07/2021 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Annette Lisy, phone +49 (511) 643-2973  [Annette.Lisy@bgr.de](mailto:Annette.Lisy@bgr.de) |

| Name of programme or project | Support of Niger River Basin Agency (ABN) in Groundwater Management and protection III |
| --- | --- |
| **Objective or purpose** | The supra-national ABN supports the neighbouring countries in sustainable management of regional groundwater resources. |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Benin; Burkina Faso; Cameroon; Chad; Guinea; Mali; Niger; Nigeria |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Niger River Basin Agency (ABN) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 2.2 million |
| **Field of technology** | Groundwater Management and Protection |
| **Category of technology** | Other (Data collection, groundwater information management, groundwater protection, institutional support) |
| **Output or impact** | Sustainable IWRM and groundwater protection measures are implemented in the ABN partner countries |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 10/2019 – 09/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Thomas Rehmann, phone +49 (511) 643-3078  [Thomas.Rehmann@bgr.de](mailto:Thomas.Rehmann@bgr.de) |

| Name of programme or project | Sustainable Management of Groundwater Resources in the Lake Chad Basin |
| --- | --- |
| **Objective or purpose** | Lake Chad Basin Commission's competencies in transboundary groundwater resource management is strengthened |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Cameroon; Central African Republic; Chad; Niger; Nigeria |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Lake Chad Basin Commission |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 3.12 million |
| **Field of technology** | Groundwater Management and Protection |
| **Category of technology** | Other (Data collection system, groundwater information management, groundwater protection, institutional support, technical solutions for groundwater management) |
| **Output or impact** | Sustainable IWRM and groundwater protection measures are implemented in the LCBC partner countries |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 07/2019 - 06/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Thomas Rehmann, phone +49 (511) 643-3078  [Thomas.Rehmann@bgr.de](mailto:Thomas.Rehmann@bgr.de) |

| Name of programme or project | Sustainable mineral supply chains in the Great Lakes Region (ICGLR) |
| --- | --- |
| **Objective or purpose** | Application of due diligence and the AFP in order to control exploitation and trade with mineral resources by ICGLR member states to implement the Regional certification mechanism of the RINR |
| **Entity making the incentive available** | BGR |
| **Eligible enterprises or institutions in developed country Member** | ./. |
| **Beneficiary Member(s)** | Angola; Burundi; Central African Republic; Congo; Tanzania; Uganda; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | International Conferences on the Great Lakes Region (ICGLR) |
| **Nature of incentive measure** | Not applicable - (transfer directly BGR -> counterparts) |
| **Financial implications** | EUR 4 million |
| **Field of technology** | Geological and mineral information systems, mineral analysis, mine security |
| **Category of technology** | Other (Mineral Resource Control/tracing, mineral and analytical laboratory techniques, database management, mine inspection methodology) |
| **Output or impact** | Improved knowledge on mineral trade flows, its control and risk assessment |
| **Status of the programme or project** | Other (Running) |
| **Duration and timing** | 07/2020 – 12/2022 |
| **Website for further information** | <https://www.bgr.bund.de/EN/Themen/Zusammenarbeit/TechnZusammenarb/Projekte/projekte_node_en.html> |
| **Contact point for further information** | BGR Sub-Dept. "International Cooperation", Africa Unit  Sandra Zafar, phone +49 (511) 643- 2368  [Sandra.Zafar@bgr.de](mailto:Sandra.Zafar@bgr.de) |

| Name of programme or project | Improving Quality Infrastructure in ASEAN – Phase III |
| --- | --- |
| **Objective or purpose** | Quality Infrastructure Institutions will take into account international good practices when implementing the ASEAN Economic Community Blueprint in the field of standards, technical regulations, accreditation, conformity assessment and legal metrology. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Standardization Institutes, Accreditation Bodies & National Metrology Institutes in the 10 ASEAN Member States (with a special focus on Cambodia, Lao People's Democratic Republic, and Myanmar) |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1.5 mio. |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Accreditation, Legal Metrology, Standards)) |
| **Output or impact** | Processes in the fields of accreditation, legal metrology and standardization have been aligned and harmonized on a regional level in accordance with international good practices. Following a specialized standards and accreditation coaching, the target countries can offer basic accreditation and standards services to customers. Technical barriers to trade within ASEAN have been reduced thus facilitating regional trade and economic growth. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019-2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Verena Stauber ([verena.stauber@ptb.de](mailto:verena.stauber@ptb.de)) and Stefanie Reichertz ([stefanie.reichertz@ptb.de](mailto:stefanie.reichertz@ptb.de)) |

| Name of programme or project | Strengthening of the Quality Infrastructure for Innovations in the Agricultural and Food Sector in Ethiopia |
| --- | --- |
| **Objective or purpose** | The project aims to increase the use of quality infrastructure (QI) services which contribute to the application of quality-related innovations in the selected project regions and value chains of the agricultural and food sector in Ethiopia. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | The national institutes for standardization, metrology and accreditation as well as other research and testing centres providing their services to the agriculture and food sector. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 2.0 Million (01/2020 - 03/2024) |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (extended calibration and testing services for quality assurance and improvement in the agriculture and food sector)) |
| **Output or impact** | Developing the quality infrastructure (and more precisely standardization, testing and calibration services as well as raising public awareness) encourages sustainable economic development. Implementing international good practices and providing more transparency contribute to enhancing product quality, and thus an increased food security and competitiveness. The project contributes to reducing poverty thanks to enhanced productivity in the food sector. Improving the prerequisites for quality assurance facilitates access to safe and healthy foodstuffs.  The project's impacts are not limited to the selected value chains (wheat, honey, legumes). Other chains may also benefit from the improvement of the regulatory, metrological and testing procedures.  By improving the quality of agricultural products, the project contributes to SDG 1 (Poverty reduction), SDG 2 (Zero hunger) and SDG 3 (Good Health and Well-Being). By setting up quality-assurance services the module also contributes to SDG 9 (Industry, innovation and infrastructure) and SDG 17 (Partnership for the goals). |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2020 - 2024 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Jonathan Krull, [Jonathan.Krull@ptb.de](mailto:Jonathan.Krull@ptb.de) |

| Name of programme or project | Strengthening the quality infrastructure for the soy value chain (ProQual) |
| --- | --- |
| **Objective or purpose** | The project aims to improve the conditions for increasing the quality all along the soy value chain focusing on extending the quality infrastructure services. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Benin |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 0.8 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Extended calibration and testing services for quality assurance and improvement in soy value chain)) |
| **Output or impact** | Developing the quality infrastructure (and more precisely standardization, testing and calibration services as well as raising public awareness) encourages sustainable economic development (Sustainable Development Goal (SDG). Implementing international best practices and providing more transparency contribute to increasing export potentials – and thus competitiveness. The project contributes to reducing poverty thanks to enhanced productivity in the food sector. Improving the prerequisites for quality assurance facilitates access to safe and healthy foodstuffs.  The project's impacts are not limited to the soy value chain. Other chains may also benefit from the improvement of the metrological and testing procedures. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019 - 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Laura Häußler, [Laura.Haeussler@ptb.de](mailto:Laura.Haeussler@ptb.de) |

| Name of programme or project | Strengthening the Regional Quality Infrastructure for Selected Sectors |
| --- | --- |
| **Objective or purpose** | The quality infrastructure (QI) in the East African Community (EAC) is strengthened according to the needs of the selected sectors (pharma, leather, fruit & vegetables). |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | East African Community Secretariat (EAC) |
| **Nature of incentive measure** | Quality Infrastructure |
| **Financial implications** | EUR 1 million |
| **Field of technology** | Metrology, Conformity Assessment, Accreditation |
| **Category of technology** | Other (./.) |
| **Output or impact** | Capabilities and capacities are developed in order to ensure that Quality Infrastructure services along the selected value chains are provided and used. |
| **Status of the programme or project** | Other (In progress) |
| **Duration and timing** | 9/2019 – 8/2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Tobias Diergardt, [tobias.diergardt@ptb.de](mailto:tobias.diergardt@ptb.de) |

| Name of programme or project | Upgrading of Quality Infrastructure in Africa |
| --- | --- |
| **Objective or purpose** | Pan-African Quality Infrastructure (PAQI) supports economic integration in Africa |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | African Union Commission (AUC), Pan-African Quality Infrastructure (PAQI): AFRAC, AFRIMETS, AFSEC, ARSO) |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 7.9 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Quality infrastructure)) |
| **Output or impact** | The project supports the implementation of the African Continental Free Trade Agreement (AfCFTA). Strategic advice is rendered to the African Union Commission (AUC) to support an effective and efficient implementation of the AfCFTA and to ultimately contribute to the establishment of an African Economic Community. Therefore, the Pan-African Quality Infrastructure (PAQI) organisations are supported to fulfil the requirements arising from AfCFTA Annex 6 (Technical Barriers to Trade). The support includes technical consultancy to develop Pan-African approaches with participation of the Regional Economic Communities for the harmonization and approximation of standards, technical regulations and conformity assessment. Furthermore, awareness raising for quality infrastructure as a cross-cutting topic is supported. The realized measures generate economic growth, increase employment and income, and thus reduce poverty |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019 to 2023. |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Kathrin Wunderlich [Kathrin.wunderlich@ptb.de](mailto:Kathrin.wunderlich@ptb.de) |

| Name of programme or project | Strengthening of Quality Infrastructure of medical reference laboratories in the ECOWAS Region |
| --- | --- |
| **Objective or purpose** | Regional medical reference laboratories working in the field of pandemic prevention in accordance with international quality standards. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ECOWAS (Benin, Burkina Faso, Cabo Verde, Côte d'Ivoire, The Gambia, Ghana, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, Togo) |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 0.8 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Quality infrastructure.)) |
| **Output or impact** | This module strengthens the capacities of medical reference laboratories of the ECOWAS (Economic Community of the West African States) region to ensure reliable diagnostics through an adapted quality infrastructure (QI). This includes the expansion of locally offered services for quality assurance (e.g. maintenance and calibration of laboratory equipment), as well as the targeted further training of laboratory staff on quality assurance topics, e.g. the need for preventive maintenance of laboratory equipment. An improved quality infrastructure of medical laboratories enables faster and more reliable medical laboratory analyses. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019 - 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Rieke Koriath [rieke.koriath@ptb.de](mailto:rieke.koriath@ptb.de) |

| Name of programme or project | Building-up a Regional Metrology in the ECOWAS Region |
| --- | --- |
| **Objective or purpose** | Strengthening the efficiency of the sub-regional metrology system and establishing the sub-regional metrology organisation ECOMET |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 2.0 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Metrology)) |
| **Output or impact** | ECOWAS- one of its objectives is to foster intraregional trade by overcoming technical barriers to trade through coordinated efforts in an efficient way.  This strategy establishes the political superstructure of – and establishes the technical link between – the individual sub-regional technical networks; its effectiveness is mainly evident at the macro and at the meso level. The understanding of the abstract term of quality and its transformation into specific cross-sectoral actions is promoted. The African institutions which form the infrastructure for quality will establish the framework conditions in accordance with international agreements, thereby achieving a better acceptance of African products. The successful negotiation of the Continental Free Trade Area ensures the harmonisation of procedures and technical requirements; technical barriers to trade will be removed. This will facilitate the exchange of goods and services and, thus, the promotion of trade. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019 - 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Laura Häußler, [Laura.Haeussler@ptb.de](mailto:Laura.Haeussler@ptb.de) |

| Name of programme or project | Strengthening quality infrastructure in Cambodia |
| --- | --- |
| **Objective or purpose** | Objective or purpose Improved quality-assuring services contribute to sustainable development, using examples of agricultural value chains |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Cambodia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Industry, Science, Technology and Innovation |
| **Nature of incentive measure** | Quality Infrastructure |
| **Financial implications** | EUR 0.8 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Other (Quality Infrastructure)) |
| **Output or impact** | Cooperation and coordination of the network of quality infrastructure are sustainably strengthened. The service offer of the institutions of quality infrastructure is expanded. Selected deficits in quality-assuring services are addressed by the public and private sector. Strengthening of the capacities and competencies of the Cambodian government and its implementing organizations in the field of quality infrastructure. Enhancing a holistic approach towards quality infrastructure in Cambodia. Improving the international reputation of QI services. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 January 2018 to 31 December 2021 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Cora Roos, [cora.roos@ptb.de](mailto:cora.roos@ptb.de) |

| Name of programme or project | Regional Fund Quality Infrastructure for Biodiversity and Climate Change in Latin America and the Caribbean. Subproject: Metrology for Meteorology in the Caribbean. |
| --- | --- |
| **Objective or purpose** | Strengthening the capabilities of the Quality Infrastructure (QI) institutions in Latin America and the Caribbean to develop and supply new and innovative services in the fields of biodiversity and climate protection. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Haiti |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Haiti through CARICOM Regional Organization for Standards and Quality (CROSQ); Regional Cooperation Project with CARICOM countries and the Dominican Republic. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 4 million. |
| **Field of technology** | Quality Infrastructure. |
| **Category of technology** | Other (Other (Quality Infrastructure (standards, metrology, testing services).)) |
| **Output or impact** | Increasing the reliability of results of measurements applied in meteorology and climatology sciences. It also establishes procedures to improve the metrological quality of the data, which includes providing information to the users about traceability and uncertainty of the data used.  Increase the reliability of climate information provided by the National Meteorological Organizations to all users, so that they can have more reliable information for computing their estimations. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Duration and timing 2014 to 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Jaime Fernández [jaime.fernandez-medina@ptb.de](mailto:jaime.fernandez-medina@ptb.de) |

| Name of programme or project | Promotion of quality assurance capabilities and services in the Maghreb to strengthen international trade |
| --- | --- |
| **Objective or purpose** | Industry and trade in the Maghreb use improved and enhanced regional calibration – and other – internationally recognized services. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1.5 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Metrology) |
| **Output or impact** | Regional cooperation encourages these four countries to broaden and deepen their respective capabilities in view of their international recognition. By extending the range of metrological services complying with international standards, industry and trade have the opportunity to cut costs as they less frequently have to use expensive services abroad. The availability of measuring instruments whose traceability is ensured within the region allows the quality of production processes – and thus of the products themselves – to be improved. The module's main impact will be economic sustainability, since developing a quality infrastructure that meets concrete needs contributes to reducing technical barriers to trade and to strengthening intra- and interregional trade. In turn, this increases the companies' competitiveness and enables export into the European and the international markets. This approach therefore improves the employment and income situation in the relevant industrial sectors. Moreover, the economic prospects of cooperation with the EU are also enhanced. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2018-2021 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Josefine Greber, [Josefine.Greber@ptb.de](mailto:Josefine.Greber@ptb.de) |

| Name of programme or project | Strengthening of Quality Infrastructure in the Agriculture and Food Sector in Mozambique |
| --- | --- |
| **Objective or purpose** | Small and medium-sized enterprises (SMEs) of the agriculture and food sector have better access to quality infrastructure (QI) services |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Mozambique |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | ./. |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 0,8 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Extended calibration and testing services for quality assurance and improvement in the agriculture and food sector) |
| **Output or impact** | By using standards and QI services, SMEs can improve the quality of their produce through quality assurance of their raw materials and manufacturing processes. Furthermore, compliance with regulatory and market requirements via conformity assessment institutions such as testing laboratories enhances the competitiveness of SMEs in local and international markets. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019 - 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Darinka Blies, [Darinka.Blies@ptb.de](mailto:Darinka.Blies@ptb.de) |

| Name of programme or project | Strengthening Quality Infrastructure in Myanmar |
| --- | --- |
| **Objective or purpose** | The project aims at increasing the local availability and usage of quality infrastructure (QI) services which are based on international good practices. It focusses in particular on the QI service needs of the agricultural and food sector accounting for the majority of small and medium enterprises in Myanmar. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Myanmar |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | national institutes for metrology and accreditation, analytical laboratories, food assessment bodies |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 2.8 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (extended calibration and testing services for quality assurance and improvement in the agriculture and food sector) |
| **Output or impact** | A demand oriented national QI system contributes to improving manufacturing processes and product quality and, thus, the competitiveness of local companies. Particularly for agro-based countries like Myanmar, this refers especially to better compliance with increasingly stringent food standards. Besides, it enhances the international recognition of product certificates and management systems and increases trust in local products and processes.  Ultimately a better competitiveness of local companies helps accessing new markets, promotes local private sector development, and the wellbeing of the population through increased employment and a reduction of poverty. Consumer gain confidence in the quality of locally produced products, consume safer food and enjoy better environmental protection. Further, improved expertise of decision makers facilitates Myanmar's trade and economic integration in ASEAN and into the world economy. |
| **Status of the programme or project** | Other (In Progress) |
| **Duration and timing** | 01/2015 – 06/2021 |
| **Website for further information** | <https://www.ptb.de/cms/en/ptb/fachabteilungen/abt9/gruppe-93/ref-932.html> |
| **Contact point for further information** | Ms Marjam Mayer, [marjam.mayer@ptb.de](mailto:marjam.mayer@ptb.de)  Mr Christian Kramer, [christian.kramer@ptb.de](mailto:christian.kramer@ptb.de) |

| Name of programme or project | Support to Nepal in the field of quality infrastructure (phase 3) |
| --- | --- |
| **Objective or purpose** | Nepali economic actors use services of quality assurance in the regional and technical focal areas of bilateral development cooperation. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Nepal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Nepal's national metrology institute (NBSM), authorities for food and plant control, enterprises along selected value chains |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 2 million. |
| **Field of technology** | Quality infrastructure with a focus on measurement, testing and standardisation. |
| **Category of technology** | Other (Transfer of international good practices in calibration and testing services; dissemination of international standards and quality systems in selected value chains.) |
| **Output or impact** | National services of quality infrastructure are expanded in the areas of metrology and conformity assessment; regional outreach structures of the quality infrastructure system are strengthened; quality infrastructure services are applied in selected value chains; quality-relevant demands from other focus areas of development cooperation are processed on pilot basis. Contribution to economic development and trade through improved availability of reliable quality infrastructure services in Nepal. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2018 to 2021 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Franziska Wende ([Franziska.Wende@ptb.de](mailto:Franziska.Wende@ptb.de)) |

| Name of programme or project | Strengthening regional integration and cooperation in the field of quality infrastructure in South Asia (SAARC) |
| --- | --- |
| **Objective or purpose** | Strengthening the quality infrastructure institutions to support free, fair and safe trade in the SADC region |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | SAARC |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1.2 million. |
| **Field of technology** | Quality Infrastructure (with a focus on metrology, accreditation and standardization) |
| **Category of technology** | Other (knowledge, common structures, standards, regional organization)) |
| **Output or impact** | The project strengthens the process of regional economic integration by reducing technical barriers to trade and promoting partnerships among institutions of quality infrastructure. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2018 to 2022 |
| **Website for further information** | <http://www.sarso.org.bd/> |
| **Contact point for further information** | Uwe Miesner [uwe.miesner@ptb.de](mailto:uwe.miesner@ptb.de), Katja Lamich [katja.lamich@ptb.de](mailto:katja.lamich@ptb.de) |

| Name of programme or project | Strengthening Quality Infrastructure for Trade and Consumer Protection in the SADC Region |
| --- | --- |
| **Objective or purpose** | Strengthening the quality infrastructure institutions to support free, fair and safe trade in the SADC region |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | SADC |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1.0 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Quality infrastructure) |
| **Output or impact** | Enhances the efficiency of the SADC Directorate for Industrial Development and Trade. Strengthening of the SADC QI structures on national and regional level. Promoting SADC and pan-African relevant trade agreements (AfCFTA) as well as fostering the implementation of SADC Industrialization Strategy and Roadmap. Further improvement of quality infrastructure to increase trade and safeguard consumer protection in the SADC Region. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2020 - 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Jana Bante, [jana.bante@ptb.de](mailto:jana.bante@ptb.de) |

| Name of programme or project | Strengthening regional cooperation in accreditation networks in Asia-Pacific |
| --- | --- |
| **Objective or purpose** | APAC has improved its ability to support the accreditation systems of developing economies to support their sustainable economic development. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Accreditation bodies in the APAC member states (with a special focus on Bangladesh, Bhutan, Cambodia, Lao People's Democratic Republic, Nepal) |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1 million |
| **Field of technology** | Accreditation |
| **Category of technology** | Other (Accreditation) |
| **Output or impact** | Regional accreditation networks have strengthened their capability to develop new services for developing countries. Developing countries will be enabled to provide recognized accreditation services to local industry, thus, facilitating participation in regional trade. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 1 March 2018 to 28 February 2022 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Cora Roos, [cora.roos@ptb.de](mailto:cora.roos@ptb.de) |

| Name of programme or project | Strengthening Quality Infrastructure for innovative Energy services |
| --- | --- |
| **Objective or purpose** | The project aims to increase the sales of quality assured photovoltaic (PV) systems and related services. |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Senegal |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Ministry of Petroleum and Energy, testing laboratories; private and commercial operators of PV systems |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 1.0 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Renewable Energy, Photovoltaic Systems ) |
| **Output or impact** | By strengthening the Quality Infrastructure in the field of photovoltaics, the performance and lifetime of PV systems and thus the economic efficiency, trust and demand for this technology will be increased, thus also promoting employment in an innovative and modern sector.  At the international level, the project contributes to achieving the climate goals of the Paris Declaration and the Sustainable Development Goals (SDGs) of the United Nations. SDG 13, measures to combat climate change and its effects, should be mentioned here in particular, since the expansion of solar energy conserves natural resources and reduces CO2 emissions. |
| **Status of the programme or project** | Other (In progress) |
| **Duration and timing** | 02/2018 - 01/2023 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Rieke Koriath, [rieke.koriath@ptb.de](mailto:rieke.koriath@ptb.de) |

| Name of programme or project | Alliance for Product Quality in Africa |
| --- | --- |
| **Objective or purpose** | The project aims to enhance product quality in selected African countries and sectors |
| **Entity making the incentive available** | PTB |
| **Eligible enterprises or institutions in developed country Member** | PTB |
| **Beneficiary Member(s)** | Côte d'Ivoire; Ghana; Morocco; Senegal; Tunisia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Quality Infrastructure Institutions of the partner countries |
| **Nature of incentive measure** | ./. |
| **Financial implications** | EUR 4.5 million |
| **Field of technology** | Quality Infrastructure |
| **Category of technology** | Other (Agriculture, Textile, Timber ) |
| **Output or impact** | By strengthening the Quality Infrastructure in selected sectors and working closely with the private sector, product quality in Africa will increase. The objective is to support African companies in accessing global value and supply chains. The Alliance for Product Quality in Africa works closely with local companies and institutes to improve the quality infrastructure and quality management skills.  The project contributes to Sustainable Development Goals 1 (No Poverty), 8 (Decent Work and Economic Growth), 12 (Sustainable Consumption and Production) and 17 (Partnerships to Achieve the Goals). |
| **Status of the programme or project** | Other (In progress) |
| **Duration and timing** | 2020 - 2023 |
| **Website for further information** | [www.ptb.de](http://www.ptb.de) |
| **Contact point for further information** | Darinka Blies, [darinka.blies@ptb.de](mailto:darinka.blies@ptb.de), Jana Bante, [jana.bante@ptb.de](mailto:jana.bante@ptb.de) |

## Bulgaria

| Name of programme or project | 'Transfer of technology concerning new plant varieties' |
| --- | --- |
| **Objective or purpose** | Transfer of technology concerning four soy beans registered as new plant varieties in the Bulgarian Patent Office |
| **Entity making the incentive available** | Soybean experimental station, Pavlikeni, Bulgaria |
| **Eligible enterprises or institutions in developed country Member** |  |
| **Beneficiary Member(s)** | Republic of Moldova |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Research Institute for field crops  НИИПК „Селекция“, Moldova |
| **Nature of incentive measure** | Providing 250 soybeans for experimental purposes |
| **Financial implications** |  |
| **Field of technology** | Breeders achievements |
| **Category of technology** | Food and agriculture |
| **Output or impact** | Transfer of knowledge |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 01 April 2019 – 1 April 2024 |
| **Website for further information** | <http://www.soystation.eu/> |
| **Contact point for further information** | Dr. Silviya Todorova, Agricultural Academy, Sofia, Bulgaria |

## Spain

Bilateral R&D projects in international technological cooperation with certification and unilateral monitoring are projects carried out by formally constituted international consortia, with the participation of one or more Spanish companies that collaborate effectively in a R&D project with one or more foreign partners from the following countries, of which six are LDCs:

| Name of programme or project | Proyectos de Cooperación Tecnológica Internacional con certificación y seguimiento unilateral |
| --- | --- |
| **Objective or purpose** | i. To promote projects such as direct investment, licensing, franchising, sub-contracting, etc.  ii. To support Joint Research projects  iii. To encourage trade in technological goods |
| **Entity making the incentive available** | CDTI |
| **Eligible enterprises or institutions in developed country Member** | All companies |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Companies and research institutions |
| **Nature of incentive measure** | i. Non-financial incentives: Support to national firms identifying potential partners (advice, contacts, etc.) and support to third countries (advice, contacts, etc.)  ii. Financial incentives to national firms: soft loans at fixed interest rate (Euribor at 1 year) of up to 85% of the budget of Spanish participation, amortization up to 10 years with a non-reimbursable tranche of 33% of the credit granted by the CDTI.  iii. Or Grants for the Spanish company (INNOGLOBAL PROGRAM) up to 50% of the Spanish participation till December 2020. Since 2021 the INNOGLOBAL PROGRAM was cancelled. |
| **Financial implications** | No projects approved in cooperation with LDCs countries in the informed period. |
| **Field of technology** | All sector except military sector |
| **Category of technology** |  |
| **Output or impact** | i. To promote international technological cooperation between Spanish and foreign companies, through projects led by companies with the aim of promoting the competitiveness of Spanish and foreign companies, encouraging and supporting joint technological projects aimed at the development and/or adaptation of new products, processes or services for international markets.  ii. At the time of the 2019-2020 report, 48 countries have been selected for the UNILATERAL PROGRAMME, of which six are LDCs: Kingdom of Saudi Arabia, Algeria, Argentina, Australia, Bangladesh\*, Brazil, Cape Verde, Cambodia\*, Qatar, Chile, China, Colombia, Ivory Coast, Costa Rica, Republic of Korea, Cuba, UAE, USA, Ecuador, Egypt, Philippines, Ghana, Guatemala, India, Indonesia, Iran, Japan, the State of Kuwait, Sri Lanka, Lao People's Democratic Republic\*, Lebanese Republic, Malaysia, Morocco, Mauritania\*, Myanmar\*, Mexico, Oman, Peru, Dominican Republic, Russian Federation, Senegal\*, Singapore, Thailand, Taiwan, Tunisia, Uruguay and Viet Nam.    \* Least developed countries (as of December 2018) <https://www.un.org/development/desa/dpad/wp-content/uploads/sites/45/publication/ldc_list.pdf> |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | i. This programme supports multi-annual projects (1 and 3 years of development).  ii. This programme has no end date. |
| **Website for further information** | <http://www.cdti.es> |
| **Contact point for further information** | Centre for the Development of Industrial Technology; EMail: [info@cdti.es](mailto:info@cdti.es) |

Kingdom of Saudi Arabia, Algeria, Argentina, Australia, Bangladesh, Brazil, Cape Verde, Cambodia, Qatar, Chile, China, Colombia, Ivory Coast, Costa Rica, Republic of Korea, Cuba, UAE, USA, Ecuador, Egypt, Philippines, Ghana, Guatemala, India, Indonesia, Iran, Japan, the State of Kuwait, Sri Lanka, Lao People's Democratic Republic, Lebanese Republic, Malaysia, Morocco, Mauritania, Myanmar, Mexico, Oman, Peru, Dominican Republic, Russian Federation, Senegal, Singapore, Thailand, Taiwan, Tunisia, Uruguay and Viet Nam.

## Finland

Finnpartnership's mission is to increase commercial cooperation between Finland and developing countries. Finnpartnership provides advisory services for the business activities of Finnish companies in developing countries, as well as financial support for the planning and development phases of a project. Finnpartnership also offers a matchmaking service for companies in developing countries for creating potential business partnerships with Finnish companies.

| Name of programme or project | FINNPARTNERSHIP - FINNISH BUSINESS PARTNERSHIP PROGRAMME |
| --- | --- |
| **Objective or purpose** | Finnpartnership's mission is to increase commercial cooperation between Finland and developing countries. Finnpartnership provides advisory services for the business activities of Finnish companies in developing countries, as well as financial support for the planning and development phases of a project. Finnpartnership also offers a matchmaking service for companies in developing countries for creating potential business partnerships with Finnish companies. Finnfund is responsible for the management and implementation of the business partnership programme on behalf of the Ministry for Foreign Affairs of Finland which finances the programme. |
| **Entity making the incentive available** | Finnpartnership |
| **Eligible enterprises or institutions in developed country Member** | Eligible applicants for the financial support and advisory services are companies registered in Finland or companies registered elsewhere that have substantial links to Finland; research facilities, universities or similar organizations based in Finland; or associations registered in Finland. Matchmaking services may be applied for by developing country companies that are searching for partners for their business opportunities in Finland. |
| **Beneficiary Member(s)** | Afghanistan; Angola; Bangladesh; Benin; Burkina Faso; Burundi; Cambodia; Central African Republic; Chad; Democratic Republic of the Congo; Djibouti; The Gambia; Guinea; Guinea-Bissau; Haiti; Lao People's Democratic Republic; Lesotho; Liberia; Madagascar; Malawi; Mali; Mauritania; Mozambique; Myanmar; Nepal; Niger; Rwanda; Senegal; Sierra Leone; Solomon Islands; Tanzania; Togo; Uganda; Vanuatu; Yemen; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | The scheme is open to all companies in ODA eligible countries. |
| **Nature of incentive measure** | Non-financial incentives: support to developing country companies identifying potential business partners in Finland via the Matchmaking service. Financial incentives to Finnish companies & companies registered abroad with substantial links to Finland: Providing financial support (Business Partnership Support) in the planning phase of the prospective business partnership activities, as well as for the training of target country employees and other capacity building activities in the implementation and business operation phases. In addition, financial support is given for pilot projects. |
| **Financial implications** | The budget and funds for the Finnpartnership programme (including the financial support granted through the programme) are decided by the Ministry for Foreign Affairs. The amount of support granted also varies on the number of eligible applications received.  From July 1 2020 to June 30th 2021, a total of EUR 2.6 million of support was granted to a total of 48 projects.  Majority of the projects involve FDI or other activity involving transfer of technology or know-how. |
| **Field of technology** | The programme enhances technology transfer in accordance with the general conditions of the Business Partnership Support Facility (the programme covers all sectors except the ones mentioned in the exclusion list). |
| **Category of technology** |  |
| **Output or impact** |  |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | The programme started operations in June 2006. |
| **Website for further information** | <http://www.finnpartnership.fi> |
| **Contact point for further information** | Finnpartnership - Finnish Business Partnership Programme  c/o Finnfund, Mrs. Birgit Nevala, Programme Director, P.O. Box 391, FI-00121 Helsinki, Finland  Tel.: +358-9-348 434  Email: [birgit.nevala@finnpartnership.fi](mailto:birgit.nevala@finnpartnership.fi) |

## Austria

Relevant Programme: ADA (Austrian Development Agency) Business Partnership Programme

| Name of programme or project | ADA Business Partnerships |
| --- | --- |
| **Objective or purpose** | The Business Partnership Programme supports socio-economic development of our partner countries (<http://www.oecd.org/dac/stats/documentupload/DAC%20List%20of%20ODA%20Recipients%202014%20final.pdf>) through close collaboration with the Austrian or European private sector. The Programme supports projects submitted by enterprises which are simultaneously committed to developmental benefit for the beneficiary country's common welfare as well as entrepreneurial benefit. |
| **Entity making the incentive available** | none |
| **Eligible enterprises or institutions in developed country Member** | Enterprises with headquarters in the European Economic Area (i.e. EU, Norway, Liechtenstein or Iceland) or Switzerland, if they contribute adequate resources of their own. Joint ventures with in developed country members are most welcome. |
| **Beneficiary Member(s)** | Afghanistan; Angola; Bangladesh; Benin; Burkina Faso; Burundi; Cambodia; Central African Republic; Chad; Democratic Republic of the Congo; Djibouti; The Gambia; Guinea; Guinea-Bissau; Haiti; Lao People's Democratic Republic; Lesotho; Liberia; Madagascar; Malawi; Mali; Mauritania; Mozambique; Myanmar; Nepal; Niger; Rwanda; Senegal; Sierra Leone; Solomon Islands; Tanzania; Togo; Uganda; Vanuatu; Yemen; Zambia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Enterprises with headquarters in the European Economic Area (i.e. EU, Norway, Liechtenstein or Iceland) or Switzerland, if they contribute adequate resources of their own. |
| **Nature of incentive measure** | ADA offers financial support for private sector projects of up to EUR 500,000 (or more in case of strategic partnerships) or 50% of direct costs, as well as up to EUR 20,000 or 50% of costs for a feasibility study. In addition, ADA assists the private sector with developing the project idea and brokering contacts. |
| **Financial implications** | ADA offers financial support for private sector projects of up to EUR 500,000 (or more in case of strategic partnerships) or 50% of direct costs, as well as up to EUR 20,000 or 50% of costs for a feasibility study. In addition, ADA assists the private sector with developing the project idea and brokering contacts. |
| **Field of technology** | Examples are:  training and capacity building for SME promotion and vocational training;  training and capacity building for rural development;  technology transfer for environment improvements, renewable energy supply, improvements in infrastructure, water and waste management;  implementation of social standards;  implementation of eco-standards;  HIV/AIDS prevention and other health care activities;  sustainable tourism;  sustainable land and forest management, including certification processes FSC;  food quality and safety system development. |
| **Category of technology** | Biotechnology and biodiversity; Health-related technology; Environmentally friendly or sustainable technology; Food and agriculture; Information and communications technology; Climate change mitigation technology |
| **Output or impact** | 156 Business Partnerships that have been started since 2012 have an impact on:  77.000 local enterprises/institutions that derive a direct benefit from the business partnership;  > 3.527.388,00 persons who derive a direct benefit from the business partnership;  8.532 additional local jobs (full-time equivalent) created by the inputs of the project in the partner country. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | Since 2012 |
| **Website for further information** | <https://www.entwicklung.at/> |
| **Contact point for further information** | Austrian Development Agency,  Unit "Private Sector and Development",  Zelinkagasse 2,  1010 Vienna,  Austria   Dr. Gunter Schall, Head of Unit,  Tel. +43 (0)1 90399-2570,  Email [wirtschaft@ada.gv.at](mailto:wirtschaft@ada.gv.at) •  [www.ada.gv.at](http://www.ada.gv.at) |

## Czech Republic

The Czech Republic provides financial incentives to the enterprises and institutions in its territory in order to promote and encourage technology transfer to least-developed country Members and Observers in the wider framework of its development cooperation. Selected projects with technology and know-how transfer component, developed in cooperation with the beneficiaries, are listed below.

| Name of programme or project | Pepper Field - strengthening export potential of Kampot Pepper (Cambodia) |
| --- | --- |
| **Objective or purpose** | With the help of the local partner Kampot Pepper Promotion Association (KPPA), the project aims to support small-scale pepper farmers and to increase their export potential. Supporting small farmers in processing and exporting pepper from Cambodia to the EU markets contributes to creating sustainable income and provides necessary jobs for the operating machinery equipment. The project provides technologies for sorting, drying and vacuum-packaging of Kampot pepper and transfers know-how for maintaining product quality and improves marketing skills. It also contributes to internationalization of the first Cambodian geographic indication protected by the EU and registered in the Lisbon System (WIPO). It also involves aid to poor families, dealing with economic hardship due to the COVID‑19 pandemic. |
| **Entity making the incentive available** | Czech Development Agency |
| **Eligible enterprises or institutions in developed country Member** | Cambodian s.r.o. |
| **Beneficiary Member(s)** | Cambodia |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** | Kampot Pepper Promotion Association |
| **Nature of incentive measure** | Public funding (partnership of public and private sector) |
| **Financial implications** | CZK 3 million overall public funding support (2019-2021) |
| **Field of technology** | Food processing and packaging |
| **Category of technology** | Food and agriculture |
| **Output or impact** | Increased export of high-quality products, supporting small-scale farmers and improving their skills |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2019-2021 |
| **Website for further information** | <http://www.czechaid.cz/en> |
| **Contact point for further information** | Czech Development Agency Nerudova 3, 118 50 Prague 1 [info@czechaid.cz](mailto:info@czechaid.cz) |

| Name of programme or project | Monitoring of sustainability of shallow ground water resources for household irrigation (Ethiopia) |
| --- | --- |
| **Objective or purpose** | Shallow groundwater resources (SGWR) for household irrigation has been mapped in Ethiopia since 2013 with results being transferred to regions and districts for implementation. However, the challenge remains as there is no monitoring system of SGWR that documents potential negative decline of groundwater level caused by overpumping and/or deterioration in groundwater quality through increased salinity. The project aims to establish the first group of monitoring wells for SGWR by drilling of shallow monitoring wells, optimization of monitoring networks and training of experts in the region. This should accelerate future large-scale monitoring programme and contribute to the sustainable agricultural development and climate change mitigation. |
| **Entity making the incentive available** | Czech-UNDP Partnership for the SDGs |
| **Eligible enterprises or institutions in developed country Member** | AQUATEST a.s. |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Agricultural Transformation Agency of Ethiopia (ATA) |
| **Nature of incentive measure** | Public funding |
| **Financial implications** | 36,000 USD (48,000 USD incl. co-funding by Aquatest and ATA) |
| **Field of technology** | Water monitoring |
| **Category of technology** | Environmentally friendly or sustainable technology |
| **Output or impact** | Drilling test wells and installing monitoring equipment - potential for further scaling-up (positive impact on environment and sustainability of agriculture) |
| **Status of the programme or project** | Completed |
| **Duration and timing** | 2020-2021 |
| **Website for further information** | <https://undp.cz/wp-content/uploads/2021/08/Final-Report_CFCS_AQUATEST-1.pdf> |
| **Contact point for further information** | Czech-UNDP Partnership for SDGs, [cup.applications@undp.org](mailto:cup.applications@undp.org) |

| Name of programme or project | Creating a low-cost eyeglasses distribution network in Ethiopia |
| --- | --- |
| **Objective or purpose** | Many people in poor communities in developing countries, including Ethiopia, currently lack access to even basic vision care. There are currently only 150 ophthalmologists in whole Ethiopia, roughly 1 ophthalmologist per 700,000 people. Hence new distribution channels are needed to deliver at least basic vision care such as glasses to correct refractive errors to the poor Ethiopians. The key innovation of low-cost, adjustable DOT Glasses is improving access to vision care. To support entrepreneurship and create jobs, the project plans to leverage and expand existing non-vision care distribution networks to test vision and dispense glasses – be it last-mile retailers, healthcare clinics, or community extension workers, to create a sustainable value chains while delivering the needed basic vision care in Ethiopia. The project is led by DOT Glasses, a Czech social start-up which markets low-cost, adjustable glasses using non-vision care networks in developing countries. |
| **Entity making the incentive available** | Czech-UNDP Partnership for the SDGs |
| **Eligible enterprises or institutions in developed country Member** | DOT Glasses |
| **Beneficiary Member(s)** |  |
| **Beneficiary Observer(s)** | Ethiopia |
| **Beneficiary enterprises or institutions** | Mesele Kitabo (Local partner / Country director DOT Glasses) |
| **Nature of incentive measure** | Public funding |
| **Financial implications** | 40,000 USD (58,400 USD incl. co-financing by DOT Glasses) |
| **Field of technology** | Low-cost vision improvement |
| **Category of technology** | Health-related technology |
| **Output or impact** | Creating sustainable local networks aimed at improving vision, and indirectly, quality of life and productivity, through low-cost non-specialist solutions. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | 2020-2021 |
| **Website for further information** | <http://undp.cz> <https://www.dotglasses.org/home/> |
| **Contact point for further information** | Czech-UNDP Partnership for SDGs, [cup.applications@undp.org](mailto:cup.applications@undp.org) |

## Sweden

Technology transfer refers to the ways and means through which companies, individuals and organizations acquire technology or know-how from third parties, whether such technology is IPR-protected or not, including know-how. More often than not, technology transfer is one component of a complex project. LDCs acquiring a viable technological base depends on both the provision of technology or equipment and on acquisition of relevant know-how, management and production skills, improved access to knowledge sources.

| Name of programme or project | Renewable Energy Programme |
| --- | --- |
| **Objective or purpose** | Objective 1: Contribute to increased capacity of institutions and organisations to initiate or contribute to ongoing early reform and change processes in the area of renewable energy.  Objective2: Increased investments in renewable energy.  Objective 3: Increased use of renewable energy and increased access to electricity for people living in poverty in cities as well as in rural areas. |
| **Entity making the incentive available** | Through a framework agreement the Swedish International Development Cooperation Agency (Sida) has commissioned LIFE Academy to carry out a three + three years programme on Renewable Energy. |
| **Eligible enterprises or institutions in developed country Member** | The programmes are open to various types of decision makers, such as planners, trainers, managers and specialists in the energy sector working at government institutions or private companies in developing countries. |
| **Beneficiary Member(s)** | Kenya; Mozambique; Tanzania; Zambia; Zimbabwe |
| **Beneficiary Observer(s)** |  |
| **Beneficiary enterprises or institutions** |  |
| **Nature of incentive measure** | The Renewable Energy Programme runs over a period of three + three years with continuous support from LIFE Academy, including work-shops in the partner countries as well as study periods in Sweden. The second programme within the framework agreement has been called off by Sida at the end of 2020. |
| **Financial implications** | The allocated budget for the first call-off of the Renewable Energy Programme was MSEK 19,7 and the second call-off has an allocated budget of 19,5 MSEK. |
| **Field of technology** | The technology transfer covers knowledge of renewable energy and its benefits for sustainable development and poverty reduction, as well as increased knowledge of methods and tools for renewable energy and energy efficiency. |
| **Category of technology** | Environmentally friendly or sustainable technology |
| **Output or impact** | The programme has so far resulted in a number of locally arranged conferences and work shops in all participating countries where specialists from LIFE Academy have participated as experts. The participants have also developed change projects in which LIFE Academy specialists serve as advisors and mentors.  Examples of identified Change Projects are Ethiopia: Increased access to modern energy in rural areas. Kenya: Power storage for grid and stand-alone systems. Tanzania: Increased access to data and information on renewable energy. Mozambique: Integration of small and utility-scale projects on renewable energy in the national grid. Zambia: To provide information for investment in the renewable energy sector. |
| **Status of the programme or project** | Current or in progress |
| **Duration and timing** | The first programme within the framework agreement was called-off during the last part of 2018, covering a capacity development programme on Renewable Energy during the three years, 2019-2021. The second programme was called-off during the last part of 2020 and will cover the period 2021-2023. |
| **Website for further information** | [www.life.se](http://www.life.se) |
| **Contact point for further information** | Lars Hallén, Board member +46 70 543 66 84 [lars.hallen@life.se](mailto:lars.hallen@life.se) |

This year's report shows that Sweden, through the Renewable Energy Programme, take its commitments and obligations under Article 66.2 TRIPS seriously and makes efforts to put in place projects that incentivizes technology transfer to LDCs.

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1. In English and French only. [↑](#footnote-ref-1)