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Page: 1/17

**Council for Trade-Related Aspects of  
Intellectual Property Rights**

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**REPORT ON THE IMPLEMENTATION OF ARTICLE 66.2  
OF THE TRIPS AGREEMENT**

JAPAN

The following communication, dated 17 September 2020, from the delegation of Japan is being circulated pursuant to paragraph 1 of the Decision on Implementation of Article 66.2 of the TRIPS Agreement (IP/C/28).

1. The Government of Japan has been conducting development cooperation activities in many fields. One of the most important objectives of these cooperation activities is to promote and encourage the transfer of technology.

2. Japan understands that incentives for technology transfer should be interpreted to include a variety of measures such as financial support and business environment support, and that supporting the business environment by strengthening intellectual property protection is one of several effective measures to promote technology transfer by private sectors. Based on this understanding, Japan has provided many incentive measures.

3. With regard to the incentives provided by Japan to enterprises and institutions in Japan, the Government of Japan would like to report on the following activities. The Government of Japan believes that the following activities contribute to raising levels of technological infrastructure in least developed countries (LDCs), which will bring about further technology transfer.

**1 ACTIVITIES UNDERTAKEN BY TECHNICAL COOPERATION ORGANIZATIONS**

**1.1 JICA**

1. Japan International Cooperation Agency (JICA) provides technical cooperation through ODA, through which knowledge and technologies are transferred. The scale of operations for technical cooperation through JICA amounts to approximately JPY 175.1 billion for FY 2019. Some examples of technical cooperation for LDC Members are listed in Table 1 attached in the Annex.

2. Under the Science and Technology Research Partnership for Sustainable Development (SATREPS) programme, JICA collaborates with Japan Science and Technology Agency (JST) and Japan Agency for Medical Research and Development (AMED), as the funding agencies for science and technology, to promote international joint research projects with developing countries, aimed at resolving global issues.<sup>1</sup> JST/AMED support Japanese research institutions/researchers for the project activities in Japan. JICA supports project implementation in developing countries, such as dispatching Japanese experts (researchers), providing equipment and training of personnel, and other supports related to projects in developing countries in frameworks of ODA technical cooperation. SATREPS projects implemented with LDC members are listed in Table 2 attached in the Annex.

<sup>1</sup> Global issues: issues which are problematic for countries or regions and which require common engagement by the international community.

3. In 2013, JICA launched a new public-private partnership programme, "Collaboration Programme with the Private Sector for Disseminating Japanese Technology", which aims to promote understanding of Japanese enterprises' technology, knowledge and system and to explore the possibility of using them for the development of developing countries. Some examples of projects implemented under this programme are listed in Table 3 attached in the Annex. The programme title was revised into "SDGs Business Verification Survey with Private Sector".

## **1.2 AOTS**

4. The Association for Overseas Technical Cooperation and Sustainable Partnerships (AOTS), which was renamed on 1 July 2017 from the Overseas Human Resources and Industry Development Association (HIDA), provides various programmes as regards technical cooperation for developing countries.

### **1.2.1 Technical Training**

5. Training is conducted for engineers and managers invited to Japan from developing countries as trainees. Its programmes include practical trainings implemented by private companies, which allows trainees to acquire skills and techniques in specific fields. In 2019, AOTS provided technical training courses for engineers and managers of Bangladesh, Cambodia, Lao PDR, Myanmar and Nepal (see Table 4 attached in the Annex).

### **1.2.2 Management Training**

6. Engineers along with middle and top managers etc. from developing countries are invited to Japan to acquire business or factory management skills and techniques through understanding management concepts and observing actual examples of their usage. In 2019, AOTS provided management training courses for middle and top managers of Bangladesh, Cambodia, Myanmar, Nepal, Sudan and Tanzania (see Table 5 attached in the Annex).

7. AOTS experts provide technical guidance and advice to local companies and contribute to improvements in areas such as manufacturing technologies and business management skills. In 2019, technical guidance on various issues was offered to Cambodia, Ethiopia and Myanmar (see Table 6 attached in the Annex).

## **1.3 JETRO**

### **1.3.1 Sending Experts to the Private Sector - Dispatching Experts to Improve the Business Environment of Developing Countries in order to Promote Trade and Investment**

8. The Japan External Trade Organization (JETRO) is engaged in dispatching experts to assist developing countries in the establishment of various rules and institutions necessary to create a business environment conducive to trade and investment. More specifically, in response to requests of private sectors and other entities from developing countries, experts were dispatched in respective industry fields such as automotive parts and mold & die.

### **1.3.2 Supporting Developing Countries to Expand Their Exports Industries (OVOP)**

9. JETRO helps developing countries to expand their exports to Japan and achieve self-sustainable economic growth, by promoting products from emerging countries. Some projects are implemented as part of "One Village One Product (OVOP)" campaign, the initiative for supporting and promoting local economies in developing countries. The core activities of the campaign are to exhibit and sell craftworks, accessories, processed foods and other such products at "OVOP Market". These are sourced from developing countries in Asia, Africa, Central America and the Pacific and are sold at Narita and Kansai International Airports. This promotion will be carried out to introduce the merits of these products to Japanese customers and to expand sales in the Japanese market.

## **2 ACTIVITIES IN THE FIELD OF CLIMATE CHANGE**

### **2.1 ACE2.0**

1. In 2015, Japan announced "ACE: Actions for Cool Earth 2.0", which aims to encourage developing countries' participation in the Paris Agreement, and to contribute to significant reduction of GHG emissions by leading the world in further reinforcing development of innovative technologies. This strategy consists of two pillars: the implementation of climate-related assistance to developing countries totalling approximately 1.3 trillion yen from public and private sources in 2020; and innovation enhancement, a key to take actions against climate change while maintaining economic growth.

### **2.2 JCM**

2. Japan established and has been implementing the Joint Crediting Mechanism (JCM) in order both to appropriately evaluate contributions from Japan to GHG emission reductions or removals in a quantitative manner achieved through the diffusion of decarbonizing and low carbon technologies, products, systems, services, and infrastructure as well as implementation of mitigation actions in developing countries, and to use them to achieve Japan's emission reduction target. As of September 2020, Japan signed this partnership with 17 countries. Japan is promoting the formulation of JCM projects through various supporting schemes, and further accelerating the transfer of decarbonizing and low carbon technologies.

### **2.3 Other Initiatives relating to Climate Change**

3. In addition to the aforementioned JCM, Japan promotes technology transfer relating to climate change through active participation in multilateral initiatives under the UN Framework Convention on Climate Change (UNFCCC), such as the Technology Executive Committee (TEC) and Climate Technology Center and Network (CTCN). Furthermore, in the COP24, Japan announced "Japan's Assistance Initiatives to Address Climate Change 2018" on 7 December 2018, which aims to accelerate climate change measures and sustainable development in developing countries. In June 2019, Japan decided "Long-term Strategy under the Paris" which proclaims a "decarbonized society" as the ultimate goal and aims to accomplish it ambitiously as early as possible in the second half of this century. The strategy includes "Business-led Promotion of International Application, and International Cooperation" as one of pillars, and under this pillar, Japan will promote international application of decarbonizing technologies together with policy/institutional support and international rule-making, strengthen development and investment of infrastructure that contributes to reduction of CO<sub>2</sub> emissions and build basis for decarbonized society on global scale. As a part of implementation of the strategy, at an ASEAN+3 Ministers on Energy Meeting in September 2019, Japan proposed inauguration of Cleaner Energy Future Initiative for ASEAN (CEFIA), under the framework of the ASEAN+3, to be conducted from the viewpoint of developing an environment in which businesses are able to execute leadership in disseminating low-carbon technologies in respective countries in the ASEAN region and across ASEAN Member States. Participating ministers welcomed the initiative.

## **3 ACTIVITIES IN THE PHARMACEUTICAL SECTOR**

1. Since providing good quality medicines forms the foundation of healthcare, it has become an important task to establish a system that can consistently ensure the availability of quality, safe and efficacious medicines in developing countries.

2. Furthermore, the spread of Substandard and Falsified (SF) Medical Products is a significant public health problem, as it not only threatens the health of individual users but also leads to waste of public resources and/or to the risk of spawning drug-resistant strains of bacteria. As such, strengthening measures to combat the distribution of SF Medical Products is also of great importance.

3. From these perspectives, the Government of Japan, through JICA and Japan International Corporation of Welfare Services (JICWELS), conducts training programmes in order to develop and reinforce specialist personnel engaged in pharmaceutical regulatory services.

4. In FY2019, these programmes in the pharmaceutical sector had 11 participants from 11 countries such as Afghanistan and Uganda. (see Table 7 attached in the Annex)

5. Additionally, the Government of Japan in cooperation with the Japanese Pharmaceutical Manufacturers Association (JPMA) contributes to improvement of pharmaceutical regulations through participation in international conferences, and endeavours to disseminate the outcomes to developing countries in the Asian region.

#### **4 ACTIVITIES IN THE FIELD OF INTELLECTUAL PROPERTY RIGHTS**

1. In FY2019, the following ten group training courses for government officials were held by the Japan Patent Office (JPO), in cooperation with the Asia Pacific Industrial Property Center (APIC) of the Japan Institute for Promoting Invention and Innovation (JIPII): 39 participants from LDCs in total were welcomed for training (see Table 8 attached in the Annex).

2. In FY2019, the JPO also held five group training courses for the private sector, and 21 participants from LDCs were welcomed for training (see Table 9 attached in the Annex).

3. In addition, the Government of Japan has been providing voluntary contributions to WIPO which is a UN organization responsible for the protection of intellectual property throughout the world and the administration of various multilateral treaties, such as the creation of IPR rules, etc. The "WIPO Funds-in-Trust/Japan" (FIT/JP) was established with these voluntary funds and is used to support WIPO members in the Economic and Social Commission for Asia and the Pacific (ESCAP). In addition, in FY2008, the FIT/JP for Africa and LDCs was founded in order to promote self-sustained economic development utilizing IP in the region. Furthermore, in this fiscal year that started in April 2019, Japan has renewed FIT/JP as the Global Funds, which are used without limiting areas of support. Through these voluntary funds, various projects are implemented every year such as accepting trainees and IPR research fellows, holding symposiums, sending JPO officials, and supporting the automation and modernization of IP offices. In FY2019, as many as eight programmes were organized with the WIPO Funds-in-Trust/Japan (FIT Japan), which had more than 448 participants including those from LDCs (see Table 10 attached in the Annex).

4. Moreover, JICA provides various IP training programmes by inviting government officials from various countries to Japan. Under such programmes, participants are expected to acquire general and basic knowledge through lectures, discussion, site observation etc. and to share the knowledge among participants from various countries. Courses on Intellectual Property Rights have been held since 2000. The courses had many participants from LDCs including Myanmar, Cambodia, The Gambia, Uganda and Tanzania.

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# ANNEX<sup>1</sup>

**Table 1: JICA's technical cooperation for LDCs**

	Period	Target	Project	Detail	Organizer
1	2017-2022	Lao PDR	Participatory Agriculture Development in Savannakhet Province	<p>Savannakhet Province's Socio-Economic Development Plan provides the strategy for development in the field of agriculture, seeking;1) stability in food production and nutrition;2) improvement of agricultural commodity production in terms of quality and quantity as well as in clean agriculture;3) sustainable forest resource management; and, 4) rural development and poverty eradication.</p> <p>The project is being implemented to support these strategies, seeking to increase farm incomes and foster further progress in the social and economic development of Savannakhet Province.</p> <p>The project is shortened as Savan PAD (Project for Participatory Agriculture Development in Savannakhet Province) which "PAD" is an approach to help increase farm income by encouraging farmers' initiatives in activities such as irrigation, production and sales, with the participation of multiple stakeholders.</p> <p>Primarily, the approach focuses on the following points:</p> <ul style="list-style-type: none"> <li>- Farmers' self-consideration in improving farming activities</li> <li>- Farmer's active participation in farmers' groups' decision making</li> <li>- Government's financial &amp; technical support for farmers' groups' hard-to-solve issues.</li> </ul> <p><a href="https://www.jica.go.jp/project/laos/021/materials/ku57pq00002tc0ke-att/pamphlet_eng.pdf">https://www.jica.go.jp/project/laos/021/materials/ku57pq00002tc0ke-att/pamphlet_eng.pdf</a></p>	JICA
2	2017-2022	Solomon Islands	The Project on Capacity Development for Sustainable Forest Resource Management in Solomon Islands	<p>This project is to enhance capacity of the Ministry of Forestry and Research (MOFR) to implement Sustainable Forest Resource Management. The project aims at enhancing capacity of MOFR to develop policies to promote Sustainable Forest Resource Management, to coordinate and collaborate with other relevant stakeholders, and to implement community-based pilot activities.URL: <a href="https://www.jica.go.jp/project/solomon/003/index.html">https://www.jica.go.jp/project/solomon/003/index.html</a></p>	JICA
3	2017 – 2021	Rwanda	The ICT Innovation Ecosystem Strengthening Project	<p>ICT Innovation Ecosystem in Rwanda is systematically enhanced to supplement the realization of SRMP, ICT Sector Strategic Plan (SSP) and National Strategy for Transformation (NST-1)</p>	JICA
4	2016-2021	Cambodia	Project for Improving Continuum of Care with focus on Intrapartum and Neonatal Care	<p><u>The Overall Goal</u> Reduce the neonatal mortality at target provinces</p> <p><u>Project Purpose</u> Continuum of Care with focus on intrapartum and neonatal care is strengthened at target provinces.</p> <p><u>Output</u></p> <ol style="list-style-type: none"> <li>1. Training and supervision on intrapartum and Immediate New-born Care for Maternal, new-born and Child Health (MNCH) staff is strengthened.</li> <li>2. Management of sick new-borns and preterm/low birth weight infants is improved.</li> <li>3. Follow-up for neonates (especially those showing danger signs) is strengthened.</li> </ol>	JICA

<sup>1</sup> In English and French only.

	Period	Target	Project	Detail	Organizer
				4. Health systems, which are essential to improve Continuum of Care for better MNCH services, are strengthened. 5. Findings, lessons learned and evidence for MNCH services focused on intrapartum and new-born care are reflected on national policies/strategies/guidelines  <a href="https://www.jica.go.jp/project/english/cambodia/021/index.html">https://www.jica.go.jp/project/english/cambodia/021/index.html</a>	
5	2019 -2022	Myanmar	Intellectual Property Administration	This cooperation supports Government of Myanmar to make regulations and guidelines based on IP-related four laws (Patent Law, Industrial Design Law, Trademark Law, and Copyright Law), that were passed in 2019.	JICA
6	2013-2018/ 2018-2023	Myanmar	Capacity Development of Legal, Judicial and Relevant Sectors in Myanmar / Capacity Development of Legal, Judicial and Relevant Sectors in Myanmar (Phase 2)	This project is to improve institutional and human resource capacity of Myanmar legal, judicial and relevant authorities to develop and implement laws in response to the needs of the times.	JICA
7	2020-2023	Myanmar	Project of Capacity Development for National Single Window and Customs Modernization by Introducing Automated Cargo Clearance System Phase 2	This project aims to establish necessary environment for fulfilling missions of customs in MACCS/MCIS service areas. 1. to shorten examination period (from declaration to examination completion) by MACCS/MCIS, compared to the time at the beginning of the project 2. to make Customs clearance processes by MACCS more convenient for users to improve taxation processes	JICA
8	2019-2022	Myanmar	Project for Enhancing Capacity of Weather Observation and Forecasting in Myanmar	This project is to develop capacity to deliver reliable weather information to the public and disaster risk reduction organizations. 1. Reliable observation data are collected from equipment such as weather radars and surface observation systems. 2. Capacity on weather observation radar data analysis is improved. 3. Quantitative weather forecast is developed. 4. User-friendly weather information is delivered.	JICA
9	2019-2021	Bangladesh	The Project for Establishment of National Spatial Data Infrastructure (NSDI) for Bangladesh	1. Concept and merit of NSDI are understood by related organizations. 2. Institutional Framework for the NSDI development and utilization is strengthened. 3. NSDI common rules are established based on Geographic Information Standards. 4. NSDI platform is formulated and utilized.	JICA
10	2016-2021	Bangladesh	The Project for Capacity Building of Nursing Services	The Project aims to improve the quality of nursing education for bachelor degree. For attaining the Project purpose, the Project set the following outputs: 1. Administrative functions that are relevant for BSc in Nursing are strengthened. 2. Educational environment of BSc in Nursing in the targeted college(s) is improved. 3. Environment of nursing clinical practice/ practicum is improved.	JICA

	Period	Target	Project	Detail	Organizer
11	2017-2021	Bangladesh	Project for Strengthening of Solid Waste Management in Dhaka North City, Dhaka South City and Chittagong City	<ol style="list-style-type: none"> <li>1. New Master Plan targeting the year of 2032 is formulated separately for North Dhaka City and South Dhaka City.</li> <li>2. Ward Based Approach activities are improved and expanded in North Dhaka City and South Dhaka City.</li> <li>3. Waste collection and transport plan is developed, and an appropriate waste collection and transport system is implemented in Chittagong City.</li> <li>4. Sustainable workshop management systems are established in North Dhaka, South Dhaka and Chittagong City.</li> <li>5. Information exchange meeting on SWM with city corporations and small local governments in Dhaka metropolitan area is held by Local Government Division of Ministry of Local Government, Rural Development and Cooperatives.</li> <li>6. Public relation activities for solid waste management is promoted in North Dhaka City and South Dhaka City.</li> <li>7. Lifetime of the existing landfill sites is prolonged and new landfill area is secured by North Dhaka and South Dhaka City.</li> </ol>	JICA
12	2019-2023	Zambia	The Bridge Maintenance Capacity Building Project in Zambia, Phase II	<ol style="list-style-type: none"> <li>1. Capability of engineers at RDA HQs and Regional Offices is enhanced on bridge routine maintenance management.</li> <li>2. Capability of engineers at RDA HQs and Regional Offices is enhanced on bridge repair.</li> <li>3. Capability of engineers at RDA HQs and Regional Offices is enhanced on bridge inspection.</li> <li>4. The sustainable system of the human resource development for bridge engineers of RDA and related organization is built at the university of Zambia</li> </ol>	JICA
13	2016 -2020	Mozambique	Project for Enhancing Capacity of Investment Promotion and Facilitation in the Republic of Mozambique	<p><u>The Overall Goals</u> National and foreign direct investment is increased.</p> <p><u>Project Purpose</u> Agency for Promotion of Investment and Exports (APIEX)'s capacity for investment promotion and facilitation is enhanced.</p> <p><u>Outputs</u></p> <ol style="list-style-type: none"> <li>1. APIEX's investment promotion activities are improved</li> <li>2. Operations for investment approval, business licensing support and investment monitoring become smooth and effective.</li> <li>3. National Strategy for Investment Promotion (PEPIP) implementation is advanced through facilitation by APIEX.</li> </ol> <p><a href="https://www.jica.go.jp/project/english/mozambique/010/outline/index.html">https://www.jica.go.jp/project/english/mozambique/010/outline/index.html</a></p>	JICA
14	2018-2023	Democratic Republic of the Congo	Project on Human Resources Development in Health Phase 3	<p>The Project aims to promote equitable distribution of the health professionals (nurses and midwives) with necessary competences.</p> <p>To realize it's purpose, the Project set the following outputs:</p> <ol style="list-style-type: none"> <li>1. Implementable national plan on human resource for health of the pilot province are developed.</li> <li>2. The provincial HRH distribution plan is developed and its implementation for nurses and midwives is prioritized in the pilot province.</li> <li>3. The educational capacity for nurse and midwife courses of target schools is strengthened in the pilot province.</li> <li>4. Opportunities of continuing professional education for human resources for health are equitably distributed in the view of local health needs, workplace locations and expertise in the pilot province.</li> </ol>	JICA

**Table 2: JICA's SATREPS projects for LDCs**

	Period	Target	Project	Detail	Organizer
1	2016-2021	Bangladesh	The Project for Technical development to upgrade structural integrity of buildings in densely populated urban areas and its strategic implementation towards resilient cities in Bangladesh	To improve Dhaka's earthquake resilience, the project aims to develop seismic evaluation and retrofit techniques suitable for buildings in Bangladesh, and jointly develop urban planning upgrading scenarios for efficiently deploying them on a societal level.	JICA, JST
2	2016-2021	Cambodia	The Project on Establishment of Environmental Conservation Platform of Tonle Sap Lake	This Project investigating Tonle Sap Lake and its surrounding area to develop a hydraulic/water quality model for the lake and propose environmental conservation plans focusing on health and ecological risks.	JICA, JST
3	2016-2021	Cambodia (Thailand Viet Nam)	The Project for Development and Dissemination of Sustainable Production System Based on Invasive Pest Management of Cassava in Viet Nam, Cambodia, and Thailand	This project aims to develop pest management technologies for use in Viet Nam, Cambodia, and Thailand, including crop disease diagnosis kits and biological control for insect pests, as well as systems for ensuring the production and cultivation of healthy seedlings.	JICA, JST
4	2016-2021	Nepal	The Project for Integrated Research on Great Earthquakes and Disaster Mitigation in Nepal Himalaya	Focusing on a future great earthquake expected in Nepal Himalayas, and the highly populated and vulnerable Kathmandu Valley, this project aims to provide scientifically advanced seismic hazard information and build fundamentals to mitigate earthquake disaster based on this information, by conducting researches on earthquake potential evaluation, ground motion prediction, seismic hazard assessment, earthquake observation system, and education and policies.	JICA, JST
5	2016-2021	Zambia	The Project for Visualization of impact of chronic/latent chemical hazard and Geo-Ecological Remediation in Zambia	This project aims to elucidate the contamination mechanisms and risks posed to the ecosystem and humans. Then, by visualizing the economic losses involved, the project also aims to link this to the development of contamination prevention measures and environmental remediation technologies.	JICA, JST
6	2017-2022	Sudan	The Project for Developing Counter Measures Against Striga to Conquer Poverty and Improve Food Security	This project aims to elucidate striga's germination mechanism to develop a management strategy for use in Sudan where people are suffering from the devastating damage caused by striga.	JICA, JST



	Period	Target	Project	Detail	Organizer
7	2017-2022	Madagascar	The Project for Breakthrough in Nutrient Use Efficiency for Rice by Genetic Improvement and Fertility Sensing Techniques in Africa	The project aims to develop rice production techniques to realize high yield even under low fertility conditions by combining fertilizer application techniques suited to the soil nutrient characteristics of the field and new breeding lines with high nutrient use efficiency.	JICA, JST
8	2018-2023	Myanmar	The Project for ASEAN Network System for Rice Genomic Breeding	The goals of this study is to: 1) strengthen the rice breeding system suitable for the natural and socio-economic environment of Myanmar; and: 2) develop promising lines by introducing genes for useful traits (i.e. high yield, disease and insect resistance, environmental stress-tolerance, early maturity, etc.) into locally-adapted rice varieties.	JICA, JST
9	2019-2024	Ethiopia	The Project for Development and Operation Model of Plant-derived Soil Additives for Road Disaster Reduction on Problematic Soil	The project aims to establish a road improvement model using plant-derived soil stabilizing additives to problematic soil.	JICA, JST
10	2019-2024	Zambia/Democratic Republic of the Congo	The Project for Epidemiology of zoonotic virus infections in Africa	The project aims to reinforce the functions of epidemiological studies on zoonotic virus infections in Democratic Republic of the Congo and Zambia.	JICA, AMED
11	2019-2024	Djibouti	The Project for Advanced and Sustainable Methods on Water Utilization Associated with Greening Potential Evaluation	The project aims to develop and share the method of creating the wide area distribution map of water resource potential and greening potential for the sustainable agriculture and the land use.	JICA, JST
12	2019-2024	Sudan	The Project for Development of Climate Change Resilient Innovative Technologies for Sustainable Wheat Production in the Dry and Heat Prone Agro-ecologies of Sudan and Sub-Saharan Africa	The project aims to develop new varieties of wheat resilient against dry and heat weathers to contribute for the increase in wheat production in Sudan and Sub-Saharan African countries.	JICA, JST

	Period	Target	Project	Detail	Organizer
13	2019-2024	Tanzania	The Project for Development and Dissemination of Innovative Oil-Extracting Technology from Crop Process Residue for Rural Electrification and Value Addition of By-products	The project aims to develop innovative oil extraction technology from crop process residue and to apply the technology in micro-grid power generation. By-products is also produced for the local market.	JICA, JST
14	2020-2025	Malawi	The Project for Establishment of a Sustainable Community Development Model based on Integrated Natural Resource Management Systems in Lake Malawi National Park	The project aims to contribute disseminating sustainable community development model, with enhancing environmental conservation, improving the quality of life and livelihood for people in the project area (Chembe village located in Lake Malawi National Park, Malawi). The activities of the project are as follows: 1. Practicing sustainable management for each resource of fisheries, agriculture, forestry, tourism in the nature conservation areas; 2.) Operating the integrated monitoring mechanism for the quality of life of people and the public welfare; 3. Establishing and operating sustainable community development models based on the integrated natural resource systems.	JICA, JST

Table 3: SDGs Business Verification Survey with Private Sector

	Period	Target	Project	Detail	Organizer
1	2017-2020	Zambia	Anti-Infection Paint	The survey target is to prevent malaria by applying anti-mosquito paint to living spaces with a functional paint that repels mosquitoes developed by Kansai Paint. The aim is to improve the livelihood and health of people in infected areas and promote social contribution activities and economic activities in the local area.	JICA
2	2018-2020	Myanmar	Construction Soil Improving Method (Twister Method)	The survey targets is to improve the soil quality and ensure road strength by introducing "TWISTER Method" to Ministry of Construction of Myanmar, a soil improvement method which can crush all kinds of soil and sand and uniformly process high-moisture-content and cohesive soil, and by demonstrating the advantage of the method through pilot construction.	JICA
3	2019-2020	Myanmar	Training System of Power Distribution for Yangon Electricity Supply Corporation in Myanmar	The survey target is to avoid accidents at distribution system and to supply stable power across the whole of Myanmar by introducing Japanese construction know-how and training system of distribution technique with Japanese tools and materials and by establishing the sustainable training system in Myanmar.	JICA
4	2019-2020	Nepal	Environment-friendly Slope Restoration with Soil Algae	The survey target is to disseminate and deepen the concept and technologies of BSC method to the implementing organizations and donor organizations, through the combination of site visits to the demonstration sites along Sindhuli Road and technical workshops.	JICA

**Table 4: AOTS's technical training programmes for LDCs**

	Date	Location	Activity	Participants	Organizer
1	2019	Cambodia, Lao PDR and Myanmar	Training on knowledge and technical skills of design and construction of housing	Private companies in Cambodia Lao PDR and Myanmar	AOTS
2	2019	Myanmar and Nepal	Training on knowledge and technical skills of software and information system development	Private companies in Myanmar and Nepal	AOTS
3	2019	Myanmar	Training on knowledge and technical skills of design and manufacturing of medical equipment	Private companies in Myanmar	AOTS
4	2019	Cambodia	Training on knowledge and technical skills of manufacturing and inspection of automotive parts	Private companies in Cambodia	AOTS
5	2019	Lao People's Democratic Republic (PDR)	Training on knowledge and technical skills of production engineering and inspection of sports equipment	Private companies in Lao PDR	AOTS
6	2019	Myanmar	Training on knowledge and technical skills of design and operational management of infrastructure facilities	Private companies in Myanmar	AOTS
7	2019	Bangladesh, Cambodia, Lao PDR and Myanmar	Training on knowledge and technical skills of production control and engineering in the textile industry	Private companies in Bangladesh, Cambodia, Lao PDR and Myanmar	AOTS
8	2019	Cambodia	Training on knowledge and technical skills of design and manufacturing of casting	Private companies in Cambodia	AOTS
9	2019	Cambodia	Training on knowledge and technical skills of manufacturing of furniture	Private companies in Cambodia	AOTS

**Table 5: AOTS's management training programmes for LDCs**

	Date	Location	Activity	Participants	Organizer
1	2019	Bangladesh, Cambodia, Myanmar, Nepal Sudan and Tanzania	The Programme on Corporate Management Enhancement of participants' capabilities of corporate management, with utilizing managerial functions, pursuing to upgrade corporate management of their companies as executives.	Private companies in Bangladesh, Cambodia, Myanmar, Nepal, Sudan and Tanzania	AOTS
2	2019	Bangladesh, Myanmar, Nepal and Sudan	The Programme for Quality Management Enhancement of ability to promote quality management	Private companies in Bangladesh, Myanmar, Nepal and Sudan	AOTS
3	2019	Bangladesh and Tanzania	The Programme on Design Management to enable participants to strategically utilize design as a management resource by improving their capabilities of design management	Private companies in Bangladesh and Tanzania	AOTS
4	2019	Bangladesh, Nepal and Sudan	Programme for Quality Problem Solving Strengthen and improve problem-solving abilities	Private companies in Bangladesh, Nepal and Sudan	AOTS
5	2019	Bangladesh, Nepal and Sudan	The Programme on Production Management	Private companies in Bangladesh, Nepal and Sudan	AOTS
6	2019	Bangladesh, Nepal and Sudan	The Programme on Information and Communication Technology in Emerging Market Economies	Private companies in Bangladesh, Nepal and Sudan	AOTS
7	2019	Bangladesh, Myanmar, Nepal and Sudan	The Training Course on Solving Human and Organizational Problems	Private companies in Bangladesh, Myanmar, Nepal and Sudan	AOTS

	Date	Location	Activity	Participants	Organizer
8	2019	Bangladesh, Myanmar, Nepal and Sudan	The Programme on Eco Business Innovation	Private companies in Bangladesh, Myanmar, Nepal and Sudan	AOTS
9	2019	Bangladesh, Nepal and Sudan	The Programme on Project Management	Private companies in Bangladesh, Nepal and Sudan	AOTS

**Table 6: AOTS's technical guidance to LDCs**

	Date	Location	Activity	Participants	Organizer
1	2019	Cambodia	Technical guidance on the improvement of hygiene management in the food industry	Private companies in Cambodia	AOTS
2	2019	Ethiopia	Technical guidance on the improvement of sewing techniques of leather product and quality control in the Textile industry	Private companies in Ethiopia	AOTS
3	2019	Myanmar	Technical guidance on the improvement of skills on software and information system development	Private companies in Myanmar	AOTS
4	2019	Cambodia	Technical guidance on new product development in the textile industry	Private companies in Cambodia	AOTS

**Table 7: Training programmes in the pharmaceutical sector**

	Date	Location	Activity	Participants (LDCs in bold)	Organizer
1	Jun 2017	Japan	Training Programme for Good Governance of Medicines for Pharmaceutical Regulatory Authorities to develop human resources in the planning and implementation of pharmaceutical administration in the respective countries referring to Japan's system and experiences and information from attending countries	16 participants from 11 countries (Indonesia, the Philippines, <b>Myanmar</b> , Mongolia, Sri Lanka, Brazil, <b>Afghanistan</b> , <b>Malawi</b> , <b>Zambia</b> and Republic of Moldova)	JICA and JICWELS
2	July 2018	Japan	Training Programme for Good Governance of Medicines for Pharmaceutical Regulatory Authorities to develop human resources in the planning and implementation of pharmaceutical administration in the respective countries referring to Japan's system and experiences and information from attending countries	15 participants from 13 countries (Azerbaijan, Brazil, Fiji, India, Indonesia, Iraq, <b>Myanmar</b> , Samoa, Thailand, <b>Uganda</b> , Bolivarian Republic of Venezuela, <b>Zambia</b> and <b>Lao PDR</b> )	JICA and JICWELS
3	July 2019	Japan	Training Programme for Good Governance of Medicines for Pharmaceutical Regulatory Authorities to develop human resources in the planning and implementation of pharmaceutical administration in the respective countries referring to Japan's system and experiences and information from attending countries	11 participants from 11 countries ( <b>Afghanistan</b> , Azerbaijan, Georgia, Indonesia, Iraq, <b>Lao PDR</b> , <b>Liberia</b> , <b>Myanmar</b> , Thailand, <b>Timor-Leste</b> and <b>Uganda</b> )	JICA and JICWELS

**Table 8: JPO's training courses for government officials**

	Date	Location	Activity	Participants (LDCs in bold)	Organizer
1	June 2019	Japan	JPO/IPR Training Course on Trademark Examination under the Madrid System	14 participants from <b>Myanmar</b> , Brazil, Chile, Peru, Sri Lanka, Pakistan, <b>Bangladesh</b> , <b>Nepal</b> and ARIPO	JPO
2	July 2019	Japan	JPO/IPR Training Course on IP Asset Management for African Countries	13 participants from <b>Uganda</b> , Cameroon , Ghana, Kenya, Zimbabwe, Namibia and <b>Rwanda</b>	JPO
3	August 2019	Japan	JPO/IPR Training Course on Promoting Public Awareness of IP	20 participants from India, Thailand, Malaysia, the Philippines, Viet Nam, <b>Cambodia</b> , <b>Lao PDR</b> , <b>Myanmar</b> , Brazil, Mexico, Cameroon, <b>Senegal</b> and <b>Burkina Faso</b>	JPO
4	September 2019	Japan	JPO/IPR Training Course on Substantive Examination of Designs	17 participants from India, Indonesia, Thailand, Malaysia, the Philippines, Viet Nam, <b>Lao PDR</b> , <b>Myanmar</b> , Brazil, Chile, Peru, Egypt, and OAPI	JPO
5	September 2019	Japan	JPO/IPR Training Course on Patent Examination Management	18 participants from India, Thailand, Malaysia, the Philippines, Viet Nam, Brazil, Argentina, Turkey and Kingdom of Saudi Arabia	JPO
6	November 2019	Japan	JPO/IPR Training Course on Information Technology	18 participants from India, Singapore, Thailand, Malaysia, the Philippines, Viet Nam, <b>Cambodia</b> , <b>Lao PDR</b> , <b>Myanmar</b> , Brazil, Chile, Peru, Mexico, Pakistan, GCC and Egypt	JPO
7	November 2019	Japan	JPO/IPR Training Course on Substantive Examination of Trademarks	18 participants from India, Malaysia, Viet Nam, <b>Cambodia</b> , <b>Myanmar</b> , Brazil, Chile, Peru, Kingdom of Saudi Arabia, OAPI and Egypt	JPO
8	December 2019	Japan	JPO/IPR Training Course on General Management of IP Office	24 participants from Singapore, Indonesia, Thailand, Malaysia, the Philippines, Viet Nam, Brunei Darussalam, <b>Cambodia</b> , <b>Lao PDR</b> , Myanmar, Uruguay, Ecuador, Plurinational State of Bolivia, Paraguay, Kazakhstan, Uzbekistan, <b>Nepal</b> , <b>Bhutan</b> , GCC, ARIPO and Zimbabwe	JPO
9	February 2020	Japan	JPO/IPR Training Course on Trial and Appeal System for ASEAN	13 participants from Indonesia, Thailand, Malaysia , Viet Nam, <b>Cambodia</b> , <b>Lao PDR</b> and <b>Myanmar</b>	JPO
10	February 2020	Japan	JPO/IPR Training Course on Anti-Counterfeiting Measures for Practitioners	23 participants from India, Thailand, Malaysia, the Philippines, Viet Nam, <b>Cambodia</b> , <b>Lao PDR</b> , <b>Myanmar</b> , Brazil, Argentina, Chile, Peru and Egypt	JPO

**Table 9: JPO's training courses for private sectors**

	Date	Location	Activity	Participants (LDCs in bold)	Organizer
1	June 2019	Japan	JPO/IPR Training Course for IP Trainers	22 participants from India, Indonesia, Malaysia, the Philippines, Viet Nam, <b>Cambodia, Lao PDR, Myanmar</b> , Brazil, Argentina and Mexico	JPO
2	August 2019	Japan	JPO/IPR Training Course on Academia-Industry Collaboration and Technology Transfer	24 participants from India, Thailand, Malaysia, Brunei Darussalam, the Philippines, Viet Nam, <b>Cambodia, Lao PDR, Myanmar</b> , Brazil and Mexico	JPO
3	November 2019	Japan	JPO/IPR Training Course for IP Protection Lawyers	22 participants from India, Indonesia, Thailand, Malaysia, the Philippines, Viet Nam, <b>Cambodia, Lao PDR, Myanmar</b> , Brazil, Argentina and Mexico	JPO
4	February 2020	Japan	JPO/IPR Training Course for Practitioners Specializing in Trademarks	23 participants from India, Indonesia, Thailand, Malaysia, the Philippines, Viet Nam, <b>Cambodia, Lao PDR, Myanmar</b> , Brazil and Argentina	JPO

**Table 10: Programmes**

	Date	Location	Title	Participants (LDCs in bold)	Organizer
1	January 2019	Tokyo	Case Study Workshop on Support for Intellectual Property Management in SMEs (IP Advantage)	12 participants from <b>Cambodia, Lao PDR</b> , Malaysia, the Philippines, Viet Nam and Thailand	WIPO (FIT Japan)
2	February 2020	Malaysia	Sub-regional Meeting of Intellectual Property Office Officials Responsible for the Madrid System	20 participants from <b>Afghanistan, Bangladesh, Bhutan</b> , Brunei Darussalam (2), <b>Cambodia</b> , Indonesia, <b>Lao PDR</b> , Malaysia (2), Mongolia, <b>Myanmar</b> , Pakistan, Papua New Guinea, Singapore, Sri Lanka, Thailand and Viet Nam.	WIPO (FIT Japan)
3	February 2020	Tokyo	Regional Meeting for Supporting Start-Ups in Africa	19 participants from Cote d'Ivoire, Egypt, <b>Ethiopia</b> , Kenya, Morocco, Nigeria, South Africa, Tunisia, ARIPO, OAPI, Cote d'Ivoire, Egypt, <b>Ethiopia</b> , Kenya, Nigeria and Tunisia	WIPO (FIT Japan)
4	March 2019	Indonesia	Sub-regional Meeting of IP Office Officials Responsible for Operating and/or Acceding to the Madrid System	17 participants from <b>Afghanistan, Bhutan</b> , Brunei Darussalam, <b>Cambodia</b> , India, Indonesia, <b>Lao PDR</b> , the Philippines, Singapore, Thailand, Viet Nam, Malaysia, <b>Myanmar</b> , Pakistan, Papua New Guinea, Sri Lanka and Samoa	WIPO (FIT Japan)
5	August 2019	Tokyo	Sub-Regional Case Study Workshop on Improving Competitiveness of SMEs through the Effective Use of the IP System	16 participants from <b>Cambodia</b> , Indonesia, <b>Lao PDR</b> , Malaysia, <b>Myanmar</b> , the Philippines, Singapore, Thailand and Viet Nam	WIPO (FIT Japan)



	Date	Location	Title	Participants (LDCs in bold)	Organizer
6	September 2019	Botswana	Regional Seminar on the Patent Cooperation Treaty (PCT) for Selected African Countries	45 participants from The <b>Gambia</b> , Ghana, Kenya, <b>Lesotho</b> , <b>Malawi</b> , <b>Mozambique</b> , <b>Rwanda</b> , South Africa, <b>Tanzania</b> (two participants, one from Zanzibar), and Zimbabwe and one Non-PCT state, Mauritius.	WIPO (FIT Japan)
7	November 2019	Zimbabwe	WIPO/ARIPO/OAPI (WAO) Conference on Intellectual Property, Innovation and Value Addition for Business Competitiveness and Sustainable Development in Africa	About 300 participants from <b>Angola</b> , <b>Benin</b> , Botswana, <b>Burkina Faso</b> , Cameroon, <b>Central African Republic</b> , <b>Comoros</b> , <b>Congo</b> , Côte d'Ivoire, <b>Djibouti</b> , Equatorial Guinea, <b>Ethiopia</b> , Gabon, The <b>Gambia</b> , Ghana, <b>Guinea</b> , <b>Guinea Bissau</b> , Kenya, <b>Liberia</b> , <b>Malawi</b> , <b>Mali</b> , <b>Mauritania</b> , Mauritius, <b>Mozambique</b> , Namibia, <b>Niger</b> , <b>Rwanda</b> , <b>Senegal</b> , South Africa, <b>Tanzania</b> , <b>Chad</b> , <b>Togo</b> , <b>Uganda</b> , <b>Zambia</b> and Zimbabwe	WIPO (FIT Japan)
8	December 2019	Tokyo	Master Class on Enforcement of Intellectual Property Rights in Tokyo	19 participants from Brunei Darussalam, <b>Cambodia</b> , Indonesia, <b>Lao PDR</b> , Malaysia, <b>Myanmar</b> , the Philippines, Singapore, Thailand and Viet Nam	WIPO (FIT Japan)