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**UNOFFICIAL ROOM DOCUMENT<sup>1</sup>**

**DIALOGUE ON PLASTIC POLLUTION AND ENVIRONMENTALLY  
SUSTAINABLE PLASTICS TRADE**

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD) PRESENTATION  
ON THE ELIMINATION OF PLASTICS POLLUTION BY 2040

*Pre-Plenary Meeting – 12 April 2024*

**DOCUMENT DE SÉANCE NON OFFICIEL<sup>1</sup>**

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Under business as usual, by 2040

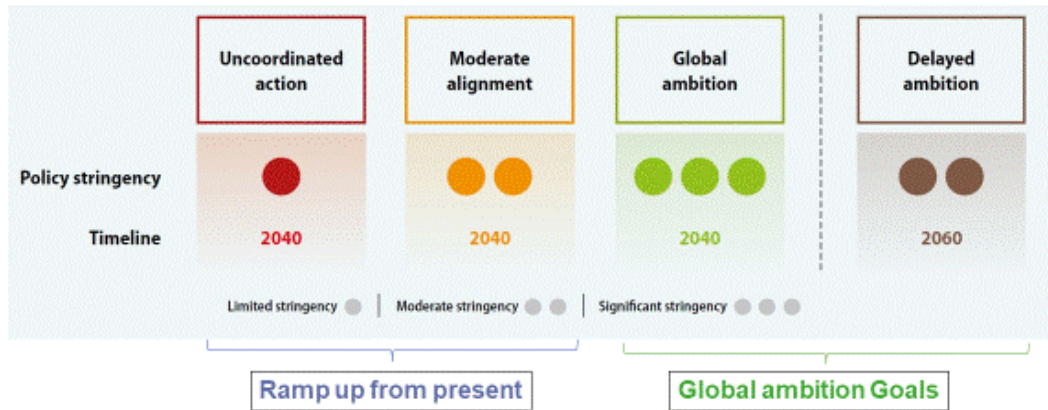
- 70% growth (from 2020) in annual **plastics use**
- 120 million tonnes (Mt) per year of **mismanaged waste**
- 30 Mt per year of **plastics entering the environment** (leakage)
- 60% growth (from 2020) in annual plastics related **GHG emissions**

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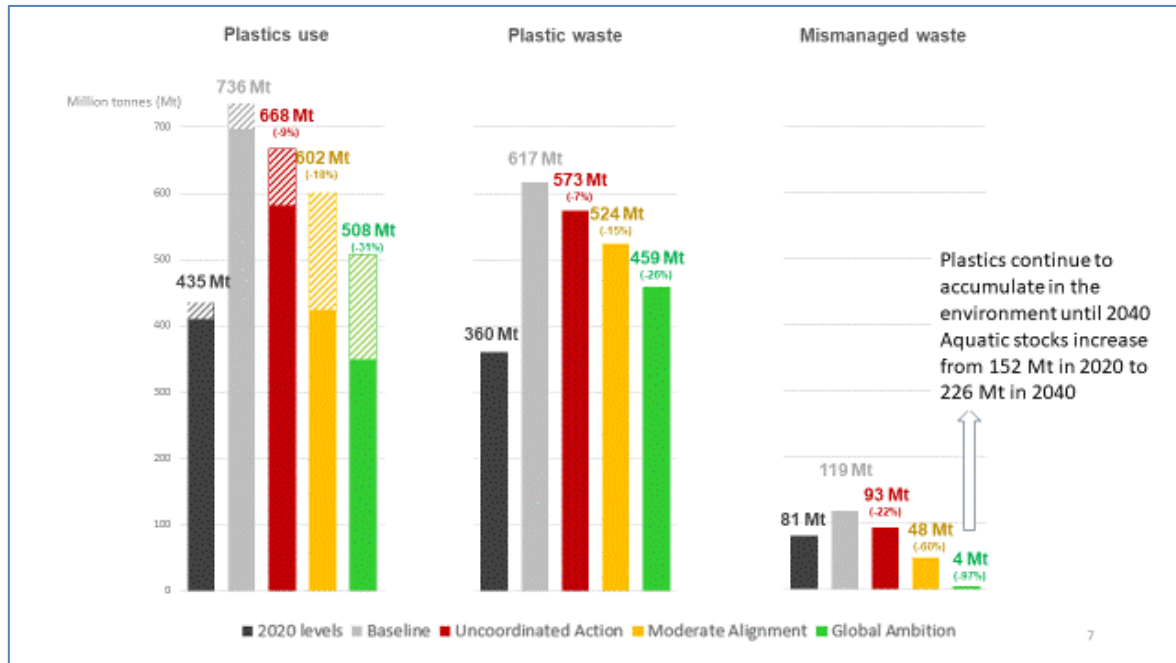
## Policy scenarios reflect varying levels of ambition and coordination



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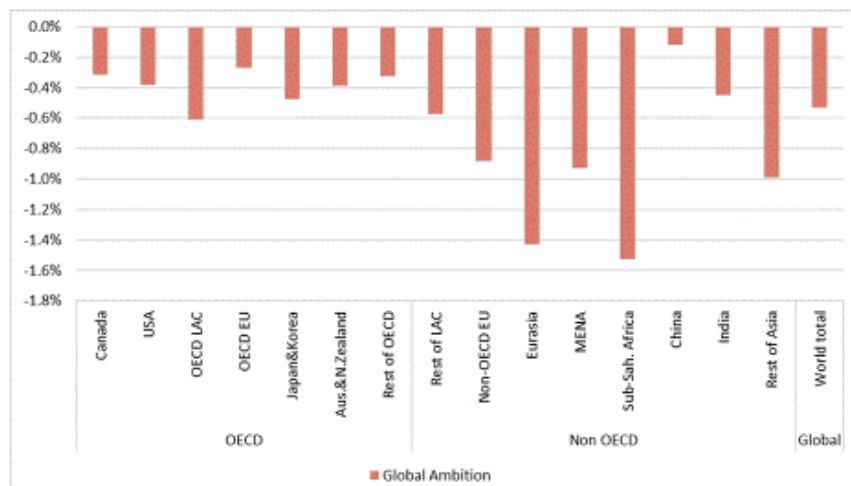
## All scenarios leverage four core levers





### Macroeconomic costs (as a share of GDP) of Global Ambition are unequal

Impact on GDP in percentage change from Baseline, 2040



### Ambitious action requires ambitious resource mobilisation

- Economic costs are 0.5% of global GDP. However, the uneven distribution requires **strong international co-operation on resource mobilisation**.
- Need to **ensure adequate financing** for upgrades in waste collection and treatment systems, and for the deployment of upstream solutions.
- Investment needs for waste collection and treatment alone are projected **over USD 2.1 trillion (over 2020-2040)** globally.
- Need to align all relevant financial flows **to the objectives of the treaty**.

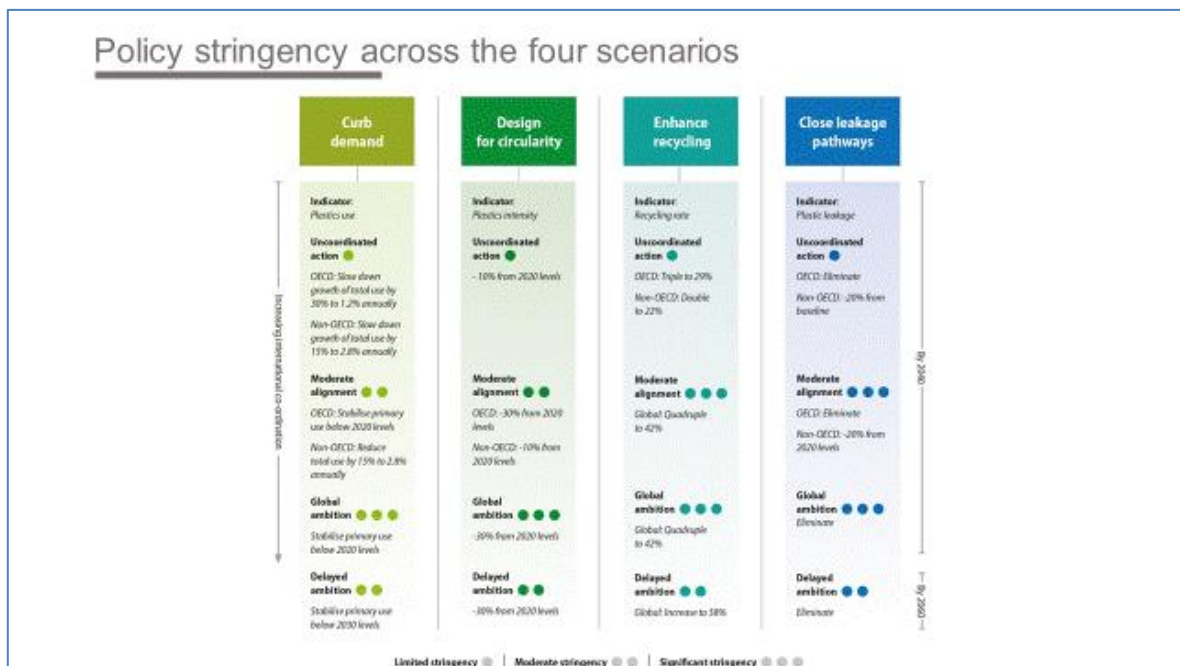
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## Key take-aways

1. Business-as-usual is **unsustainable**
2. Global ambition could **virtually eliminate plastic leakage by 2040**
3. **Enhanced co-operation and more investments are needed**

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### Implications of the scenarios – *Un-coordinated Action*

- **Bottom-up, un-coordinated action** could slow down growth in plastics use and lead to **some improvements in waste collection and recycling**
- *However*
  - Plastic use and waste will still **increase by 50%** from 2020
  - **23 Mt** of plastics would still leak annually into the environment by 2040

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### Implications of the scenarios – *Moderate Alignment*

- **Moderate Alignment** of policy approaches with a focus on downstream interventions in non-OECD countries and ambitious action across the lifecycle in OECD countries can **stabilise primary plastics use at 2020 levels**
- *However*
  - **12 Mt** of plastics would still leak annually into the environment by 2040

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### Implications of the scenarios - *Global Ambition*

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- **Globally coordinated ambition action** can virtually **eliminate mismanaged waste and leakage**.
- It would cut plastics related greenhouse gas emissions by **41%** and avoid **75Mt** of plastics accumulating in rivers and oceans compared to *Baseline*
- *However*
  - **Greenhouse gas emissions** from the plastics lifecycle would remain unchanged from 2020
  - **Stocks of accumulated plastics in rivers and oceans** would still rise from 152 Mt in 2020 to 226Mt in 2040