

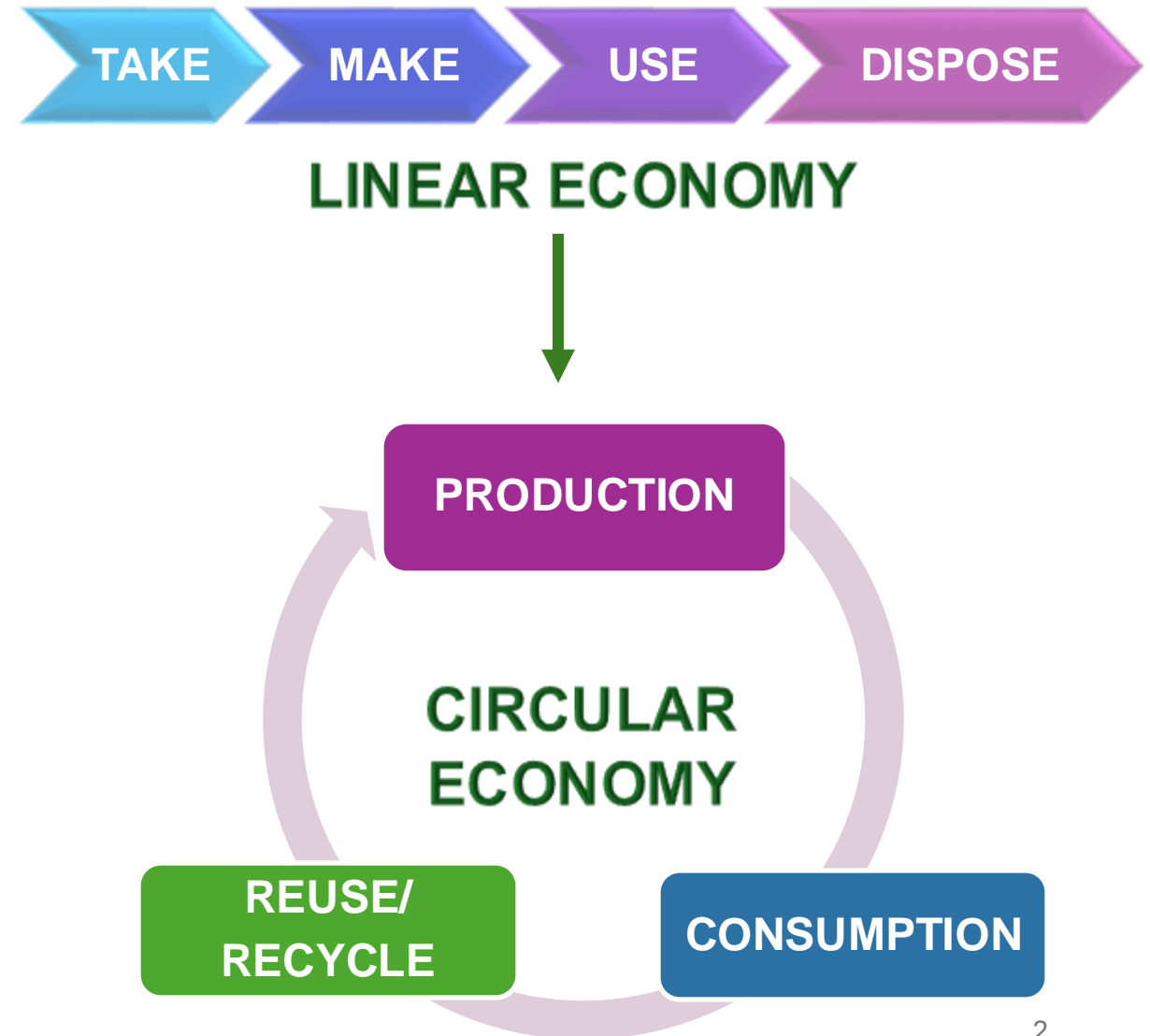


Major Initiatives and Achievements promoting 3R and Circular Economy

Breakout group 1

Transition To Circular Economy

1. **Optimum utilization of resources** is a must due to development, growing population, rapid urbanization, climate change & environmental pollution
2. Paradigm shift from **traditional linear model** of 'take, make, use, dispose' to a **regenerative approach**





Transition To Circular Economy

- **PM's Independence Day Address (2023):**
 - Hon'ble PM Sh. Narendra Modi emphasized India's commitment to **Mission Circular Economy**, citing the **Vehicle Scrap Policy** as a key example.
- **G20 India Presidency 2023:**
 - Launched the **Resource Efficiency and Circular Economy Industry Coalition (RECEIC)** during the 4th ECSWG Ministerial Meeting (26th–28th July 2023).
 - **RECEIC Goals:**
 - Strengthen industry collaboration, build sectoral capabilities, share global learnings, and accelerate circular economy transitions.
 - **FICCI** serves as the Secretariat.
 - **Membership:** 53 members from 10 countries (India, Japan, US, UAE, Singapore, UK, Germany, Denmark, Switzerland, Finland).



Transition To Circular Economy

- **Policy & Regulatory Initiatives:**

- **Eco-mark Rules** notified by MoEFCC under **Mission LiFE** to promote eco-friendly products, energy efficiency, and circular economy principles.
- **Circular Economy Action Plans** finalized for **10 waste categories**; regulatory frameworks under development.
- **Single-Use Plastic Ban** enforced in 2022 for certain categories.
- **Market Based Extended Producer Responsibility** introduced for various waste categories.



Extended Producers Responsibility



- Market Based Extended Producer Responsibility (EPR) - **Tool for operationalization** of 'Waste to Wealth' & Circular Economy
- EPR obligation: **Producers, Importers or Brand Owners (PIBOs) introducing products in market is obligated for its environmentally sound management**
- Fulfilment of EPR obligation: Mandates PIBOs to acquire EPR certificates as per the imposed obligations
- EPR obligation varies product-wise
- EPR certificates are generated as per the waste recycled/ processed by recyclers
- Levy of Environmental Compensation for non-compliance



EPR Notifications- Published

- **EPR on plastic packaging** notified in February, 2022
- **EPR on waste tyres** notified in July, 2022
- **EPR on waste batteries** notified in August, 2022
- **EPR on E-waste** notified in November, 2022
 - Number of e-waste items increased from 21 to 106
- **EPR on used oil** notified in September, 2023
- **EPR on end-of-life vehicles** notified in January, 2025

EPR portals are operational for plastic packaging, waste tyres, waste batteries, e-waste and used oil.

Challenges

- Infrastructure: Limited Infrastructure for collection, sorting and recycling as well as challenges in acquisition of land
- Financing: High Capital Investment and Cost of Operations
- Limited incubation centers & government-industry partnerships
- Technology: Limited access to advanced technologies
- Integration of Informal Sector
- Availability of skilled manpower



Cooperation of Countries towards establishment of cities alliance for 3R for Asia-Pacific

- Knowledge and best practices Exchange
- Technology Transfer
- Research & Development

Thank you