

INTERNATIONAL WORKSHOP
EPR in India-Opportunities, Challenges and
Lessons from International Experience.
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EPR for Packaging: Opportunities and Challenges.

- Extended Producer Responsibility (EPR) is a Public Policy Approach to mitigate undesirable environmental impacts of consumer products. **-has to be backed by Legislation – 4P’s PPPP partnership,**
- EPR is a framework for Consumer Goods Companies to mitigate the environmental impacts of their products.
- Decades ago EPR’s focus was collecting and recycling the product. Currently it also focuses on reduction, reuse, sustainable use and manufacturing, waste reduction , quality control etc. lets move from 3R’s -4R’s to
- 5 R’s- Reduce, Reuse, Recycle, **Recover** and **Re-Manufacture** (ref. WtE report 2015, PC)- opportunity for all in the chain, sharing of responsibility, -(needs to be addressed in rules)

EPR for Packaging: Opportunities and Challenges

- EPR is also perceived as intention to shift financial and management responsibilities from local government and tax payers to producers and consumers.- rule 6 PW (res. on LBs) rule-9 (producer to work with LBs), rule4 MSW (producer not a waste generator, EPR not emphasised)
- EPR has increasingly been adopted as a strategy to re-direct material flow rather than emphasis on new products & use development through R & D , Greening products.

EPR for Packaging: Opportunities and Challenges

- **Some examples of new products & Use Development**
 - i. Waste PET to textiles.
 - ii. Mixed plastic waste to wood like products-
Kolkata Rail Bhawan-window frames etc
 - iii. Wood dust + mixed plastic rejects /waste to
wood products.
 - iv. Road construction- GO by Karnataka GOV.-KK
Plastics.

EPR for Packaging: Opportunities and Challenges

- **Some examples of new products & Use Development**
 - v. Concrete Bricks-granulated plastic bags + concrete.
 - vi. Plastic bags to hightech carbon nanotube membranes (CNTS)- used to produce innovative electronics, wind turbine , sensing devices etc.
 - vii. Plastic waste, packaging waste to fuel oil---diesel + Gas.

EPR for Packaging: Change & Challenges

- EPRSP- Extended Producer and Responsibility Sharing Policy.
- CSR & EPRS
- Continuous re-designing of EPRSP for the packaging sector (its not a product).
- Reuse /remanufacture incentives
- Producer take back, -don't work
- Economic concerns of the LB's to be addressed.

Thanks

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