

## Recycling of Plastics and Composites: key takeaways (1/2)

- Plastics and Composites Industries as well as FMGCs need to address the critical challenge of reduction of marine littering and aim for a full circular economy of plastics
- As an example, European Union's target is that 50 % of plastic packaging shall be recycled by 2025
- Brand owners and food companies going beyond: ex. Danone's target: rPET 100% in Europe for water bottles in 2025, 50% ww
- Chemical recycling is complementary to mechanical recycling and is needed to achieve recycling targets:
  - Big potential for plastic recycling to feed the crackers, and expected joint players effort to reach bigger scale of the required treatment units,
  - Mass balance approach to be supported and endorsed by regulators, and to be understood by final users.



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## Recycling of Plastics and Composites: key takeaways (2/2)

- It is a Value Chain effort and challenge:
  - Eco design has to be a key element of all companies' strategy (use less, longer and smarter),
  - Waste management systems (for every items) have to be developed throughout the world to increase recycled feedstock availability,
  - Big plastics and composites producer's commitment is key to develop chemical recycling capacities and technology,
  - Regulation / brand commitments should help make recycled plastic more attractive compared to virgin (low price).
- Central topic for WMF in the coming years: research bodies, collecting companies, regulators, producers, end-users,... should join forces to use plastics and composites smarter (design for reuse or recycling), less or longer (through recycling).