

European Biogas Association Online Conference

2 September 2020

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Secretary General**

MWE MEMBERS

- **19 members from 18 countries welcoming MALTA and 2 observers**
- **EU Municipalities and their waste management companies**
- **Municipalities are responsible for the recovery of resources from households**

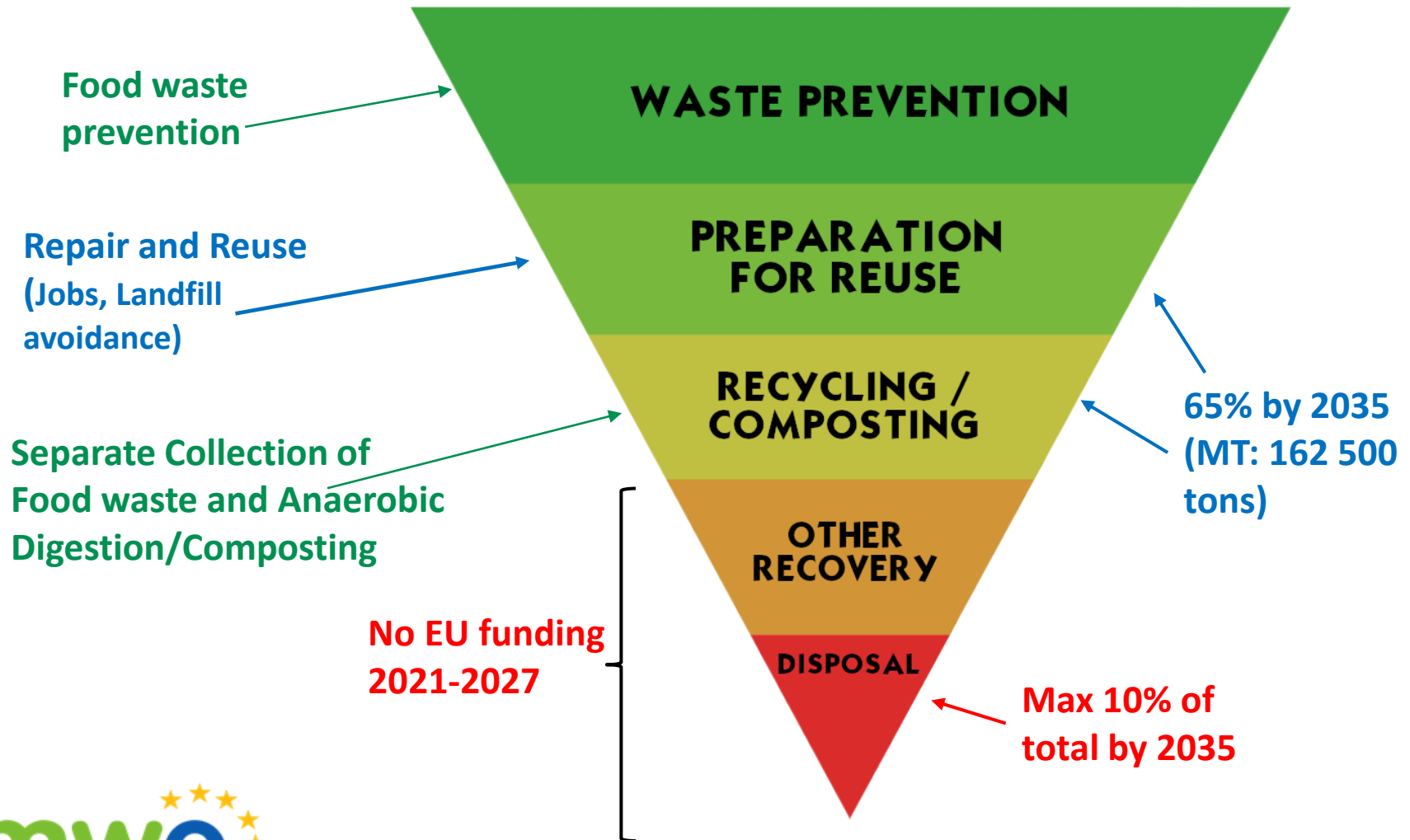
WHO WE ARE

- The European umbrella association representing **public responsibility** for waste.
- We represent those Responsible for the provision of the **service of general interest** that is **waste management**
- Committed to **sustainable waste management** which **promotes resource efficiency and a circular economy**

New Waste Framework Directive (2018)

- Transposition date in all MSs: 4 July 2020
- Sets ambitious recycling and landfilling targets to be met by 2025 (55%), 2030 (60%), **2035 (10% landfill, 65% recycling)**, 2050 SDG goal-climate neutrality
- Requires investment (EU level) of >€2bn/yr for 15 years. EU Financing only of top steps of waste hierarchy
- The percentage of food waste in MSW varies from cold to hot countries (20-30% in cold, 40-60% in hot)

WASTE HIERARCHY



Implementation

- Introduction of transparent waste tariffs for the waste producer (citizen or large producer) is an important step in increasing the quality and quantity of collected materials for recycling
 - Pay As You Throw (PAYT) is a useful tool to differentiate between valuable materials and residual waste
 - the producer of waste under EPR intervenes here with an obligation to pay 80% of the cost of collection (WFD Art8a4a) (Extended Producer Responsibility)

How Pay As You Throw works

- The images on the next 3 slides, taken from Ljubljana, show examples in different urban setting of the bin systems used to implement PAYT
- In densely populated urban centres where the streets may be narrow or pedestrianised, the 3rd slide (underground containers) are very successful
- PAYT systems around Europe have proved that when citizens pay for their mixed waste, they separate the recyclables better

Waste
collection

Door to door
collection



Waste
collection

Ecological
collection
sites



Waste
collection

54
underground
collection
units



Implementation

- Tailor AD plants and their feedstock to the organic waste generated in that country/region
- Create a local market for upgraded biogas, where useable directly, for digestate or for co-composted digestate with green waste
 - Compost direct to citizens in bulk or bagged
 - Compost direct to farmers
 - Biogas to the grid as gas or electricity (local infrastructure)
 - or to run waste collection vehicles/public buses

European Green Deal

- Integrates all areas of policy for the first time
- Integrates waste management with agriculture and the combat of soil erosion and water policy through the application of compost from waste

www.municipalwasteurope.eu

SINCE 2009