



# Modern Waste Management Facilities: The challenges ahead

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# Where do we stand with waste performance in Greece?

# Waste management - State of play

	EL rates (2019)	EU average	EU targets (2035)
Recycling	21%	46%	min 65%
Landfilling	78%	24%	max 10%

Available funds EUR 1.5 billion



# Outline

1. Funding in 2021-2027
2. Recovery and Recycling Facility
3. The challenges ahead

# 1. Funding in 2021-2027

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- **Environment and Climate Change programme**  
**€796 million** dedicated to waste management  
**22%** of programme's budget  
Budget €3.6 billion
- **Regional programmes**  
**~€85 million** for small scale actions

# 1. Funding in 2021-2027

PEKA will support:

- **Recycling and Recovery Facilities – 600 M€**
- **Biowaste units, transfer stations, recycling equipment – 155 M€**



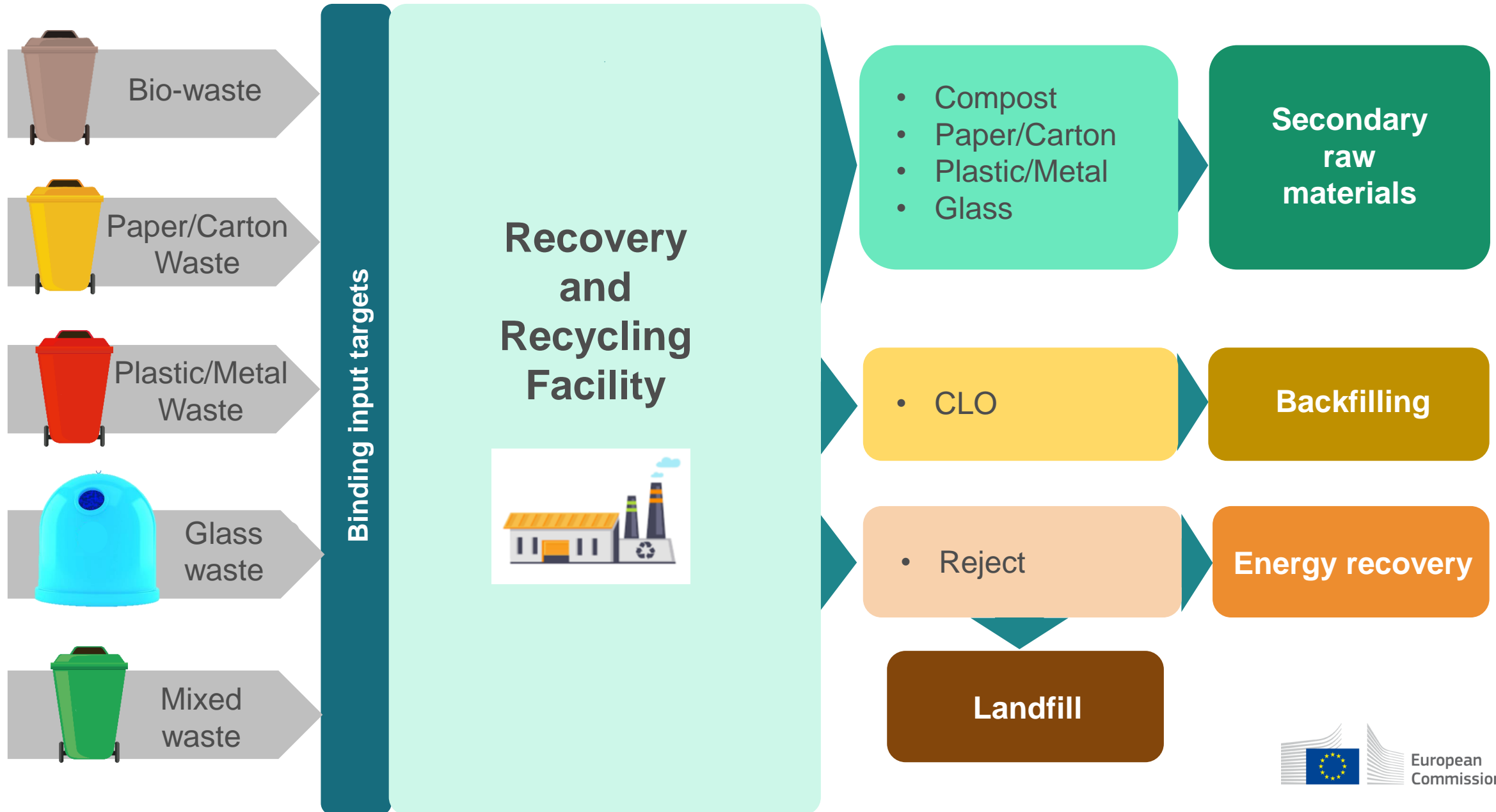
**No investments in:**

- **New / expansion of MBTs**
- **Incineration**
- **New / expansion of landfills**

## 2. Recycling and Recovery Facility



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### A holistic approach in waste management

- ❖ Separate collection of waste streams
- ❖ Modern technology treatment facilities
- ❖ Awareness actions

### With binding targets for separate waste collection

- ❖ At PESDA level and facility level
- ❖ In the funding agreement between MA and FODSA
- ❖ In the contract between FODSA and contractors

## 2. Recovery and Recycling Facility

### MBT – RRF Comparison

MBT	RRF
<b>Input of low quality</b> (mixed waste).	<b>Input of high quality</b> (separate waste streams) and mixed waste.
Output quality low, with <b>low recovery rate of recyclables</b> (metal, plastic, glass).	Over time output quality improves, with <b>high recovery rate of recyclables</b> (paper, metal, plastic, glass).
<b>Highly unlikely to reach EU targets.</b>	<b>Contributes significantly to reaching the EU targets by 2035.</b>

# 3. Challenges ahead

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Key players need to be strengthened



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## Key players need to be strengthened

### Municipalities

- They are the stakeholders of FoDSAs
- They play a key role in organisation and collection
- Improve organisational capacity
- Need for adequate and competent staffing
- Responsible for tariff collection and applying “Pay as you throw”

# 3. Challenges ahead

## Key players need to be strengthened

### FoDSA

- Need for competent managers to organise the job
- Need to be flexible, efficient & staffed
- Need to be capable to design, construct & operate the facilities
- Be accountable for PESDA implementation
- Implement sound pricing policy to ensure viability of the investments

# 3. Challenges ahead

## Key players need to be strengthened

### Ministry of Environment

- Legislate and ensure transposition and conformity to EU acquis

### Ministry of Development

- Approve projects according to ESIF regulation

### Ministry of Interior

- Ensure organisational, functional and staffing matters



# 3. Challenges ahead

**Key word: Coordination**



# Concluding remarks

- Increase our ambition & need to revert 80% landfilling - 20% recycling
- Funds are available to deliver the job
- Fully develop and commit ourselves to RRF
- RRF constitutes a behavioural change
- Need to increase capacity
- Strengthen PESDA and municipalities
- Coordination of key players

Thank you!