

FROM FINANCING WASTE MANAGEMENT TO FINANCING THE CIRCULAR TRANSITION

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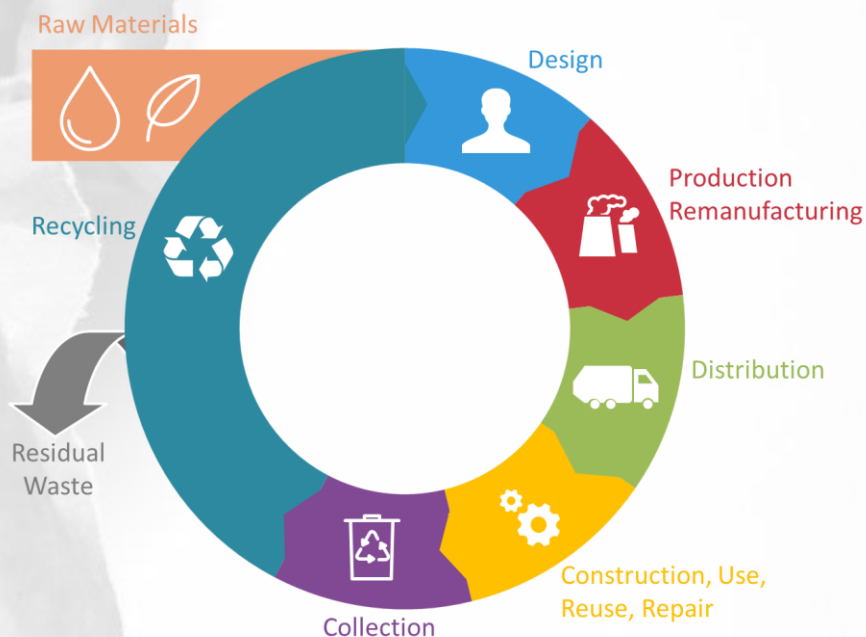
President, Hellenic Solid Waste Mgt. Association

Circular Economy: a new Growth Model for EU

A triple win model: increased competitiveness for the EU, economic growth, and job creation.

Circular business models

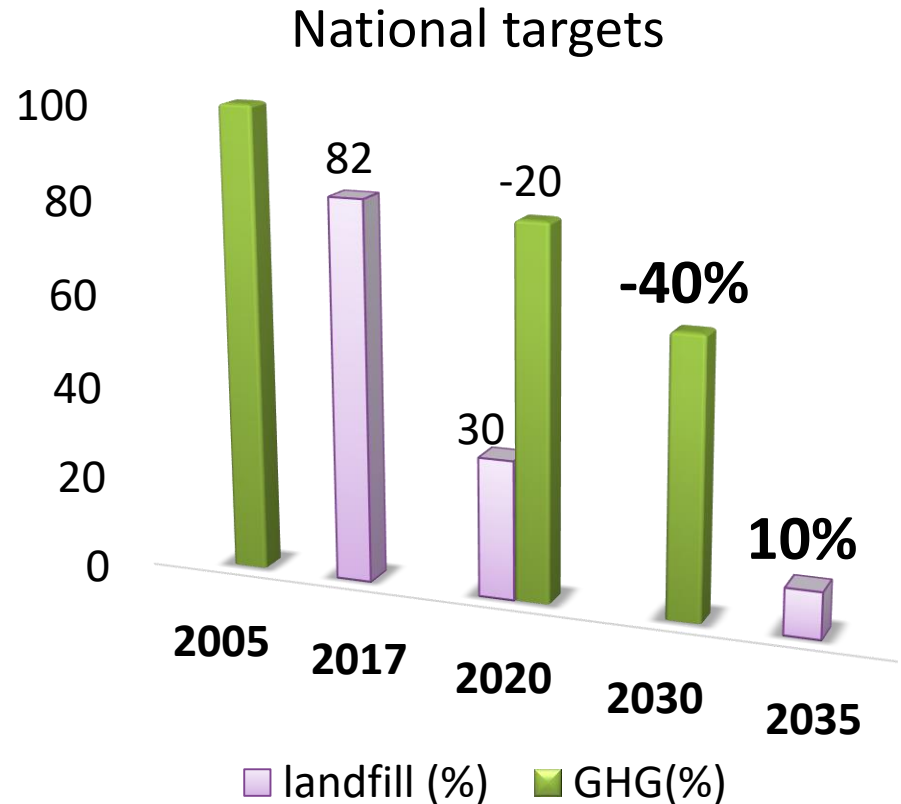
- Circular supply chain
- Extended product life
- Material and energy recovery
- Sharing platform
- Product as a service



EU Funding Tools

- €5.5 billion from structural & investments funds (ESIF)
- €650 million from Horizon 2020

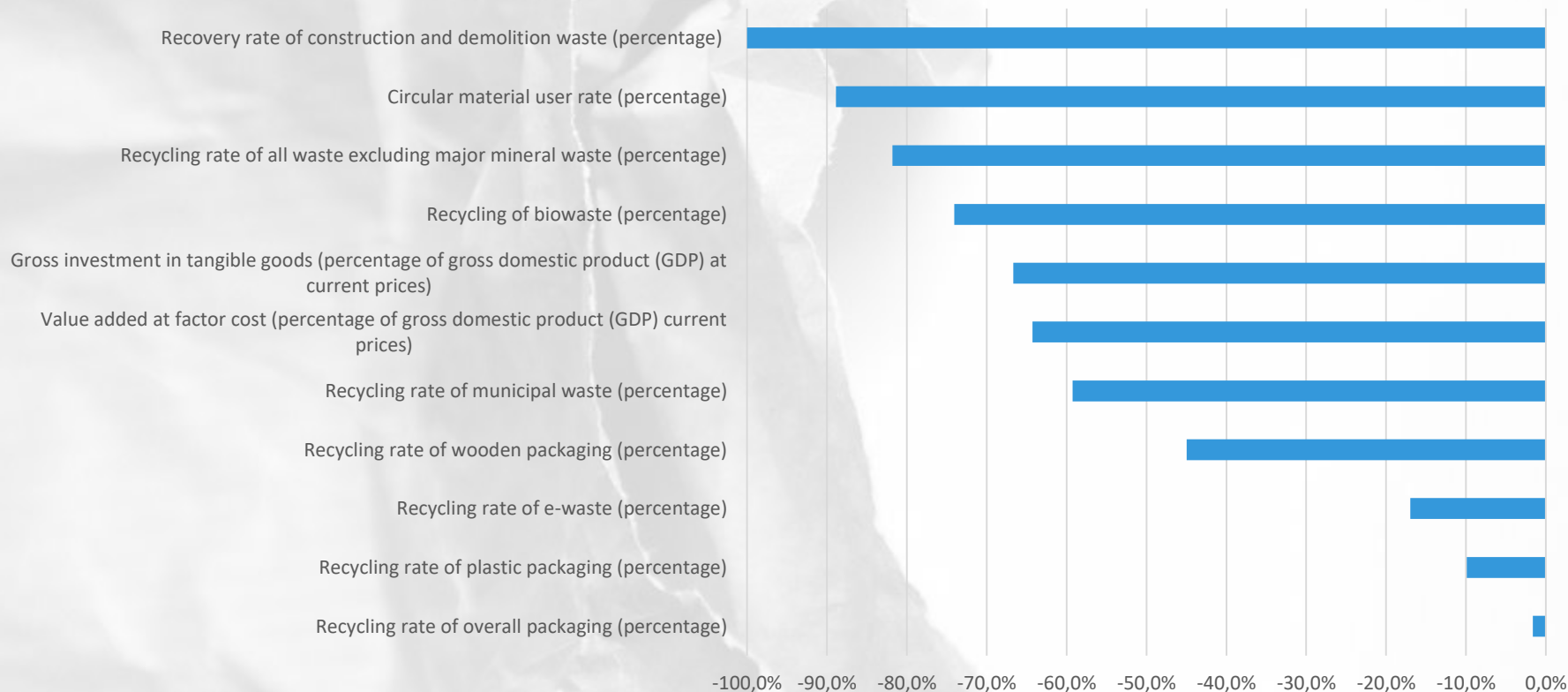
Circular economy model can help reach national targets



Circular economy indicators

Greece is far behind EU average

Variation of circular economy indicators of Greece from EU average *

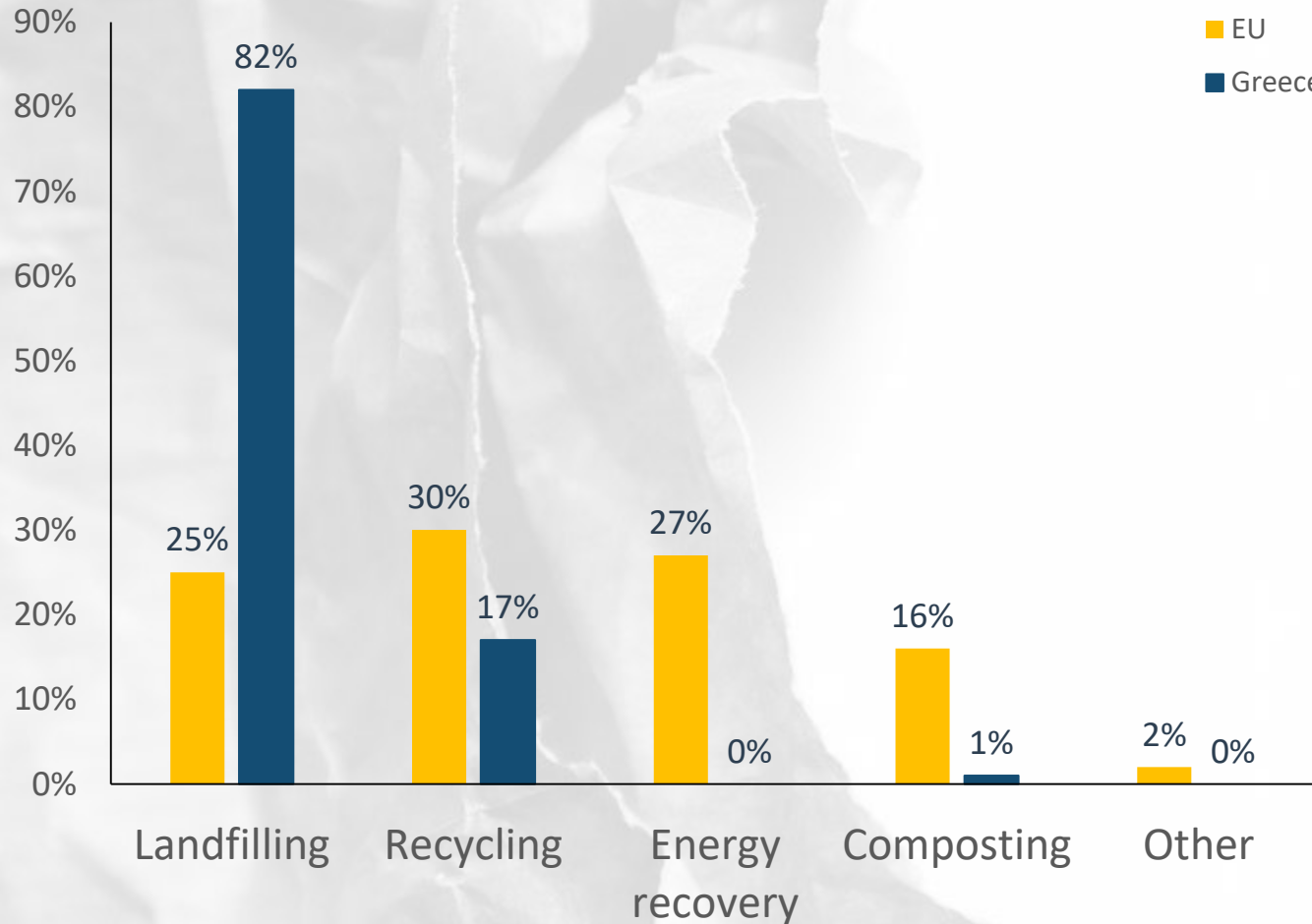


Source: Eurostat 2016

*only indicative indicators are presented, not the exhaustive list of indicators

Solid Waste Management

Greece must reduce fast landfilling utilizing all possible technologies in a complementary way



Source: Eurostat 2016

Accelerating Circular Economy implementation

1

Regulatory roadmap, Greece

- Adoption of the new EU CE Package
- Timeline to reduce landfill to 10% by 2035
- Eco-design of products (recyclability)
- Quality standards for secondary materials
- Harmonized EU rules for by-product & “End-of Waste” status
- Green Public Procurement
- Industrial symbiosis national plan
- Regional Circular Economy Plans

2

Accelerating implementation of Regional Waste Mgt. Plans

- Enforcement of closure of all illegal landfills
- Update the National Waste Management Plan with new data and EU Directives
- Central monitoring and control to achieve economies of scale
- Redesign of recycling schemes to increase recycling and “pay-back”
- Increase “green spots” and “recycling corners” in municipalities
- Implementation of co-processing in industry according to the EU guidelines

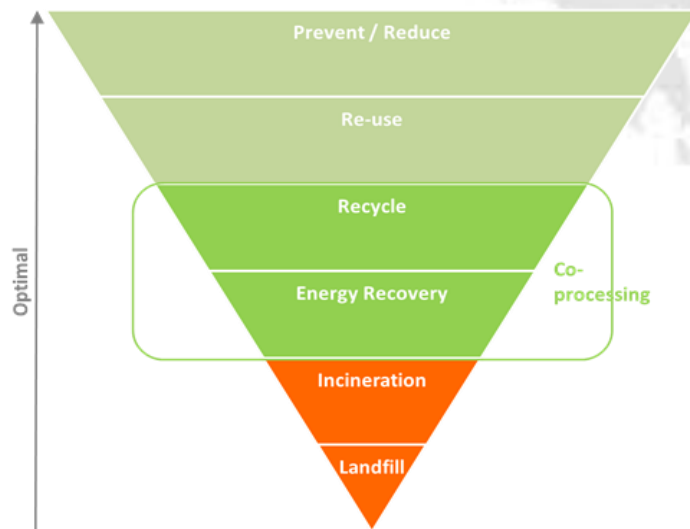
Accelerating Circular Economy implementation

3 Building Know-How and Public Trust

- Promote innovation and technologies
- Incorporate digital technology
- Product Environmental Footprint of consumer goods
- Training sessions and workshops (society – government – businesses)
- Foster a collaborative ethos

4 Financing circular transition

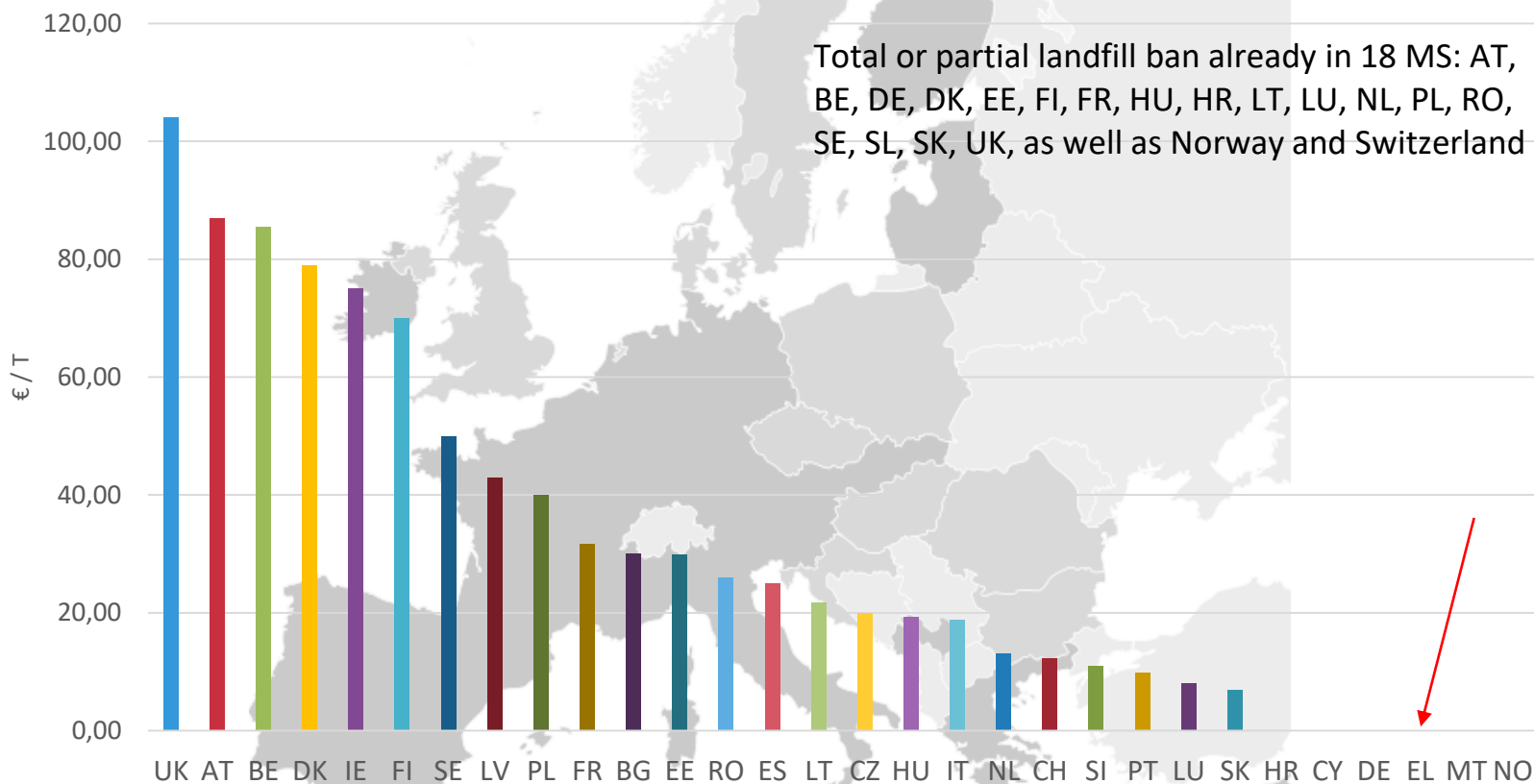
- Waste mgt. effective pricing policy
- Landfill tax
- “ Pay-as-you-throw”
- Reward circular activities for GHG reduction
- VAT reduction on recycled materials
- Reduce taxes for circular activities
- Funding circular investments based on circularity criteria



Landfill tax in EU

A lever to promote alternatives to landfill

National Landfill Tax in EU28 Member States



Source: Eurostat 2016

Circular economy criteria to evaluate and support investments



Production and Consumption

1. Waste generation
2. Resource efficiency
3. Energy efficiency
4. Renewable energy
5. GHG reduction
6. Lifetime & durability of products



Waste Management

7. Recycling rates
8. Specific waste streams mgt.
9. Contribution to National Waste Management Plan



Secondary Raw Materials

10. Contribution of recycled materials to raw materials demand
11. Intra EU and global trade of recyclable raw materials



Competitiveness and Innovation

12. Private investments, jobs, and gross value added
13. Related patents
14. Certification of eco-designed products

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