



REPUBLIK INDONESIA



# Indonesia Direction towards Achieving Circular Economy

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Circular Economy: Maximizing Business through Sustainable Practices  
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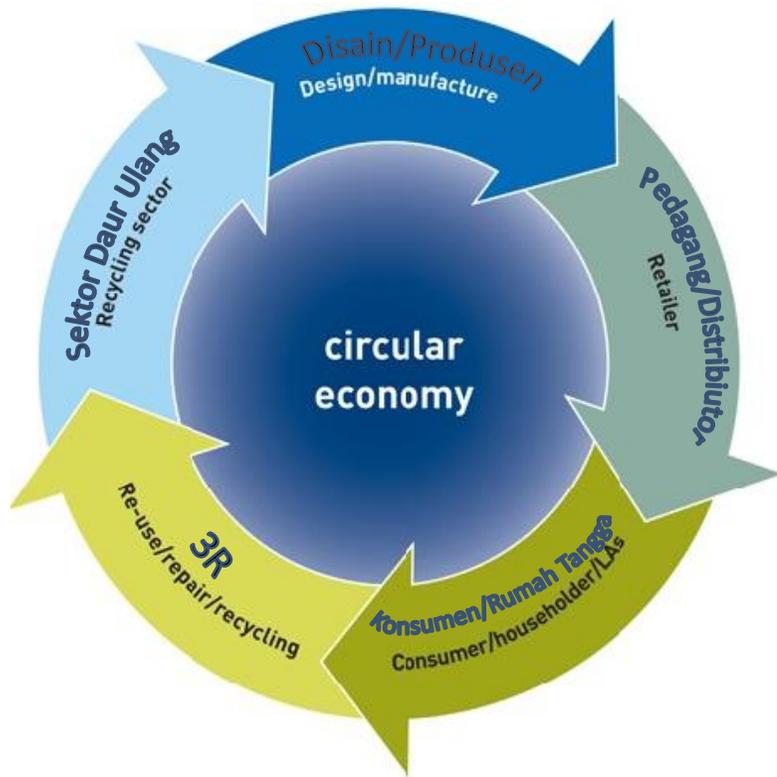
**1** Circular Economy and Development Planning

**2** Circular Economy in Waste Management and Industrial Sector

**3** Implementation of Circular Economy in Indonesia

**4** Conclusion

# Circular Economy



A shift from a **traditional linear economy** (make, use, dispose) to the **responsible consumption and production** (keep using resources for as long as possible, extract the maximum value from them, then recover and regenerate products or materials at the end of each service life).



## Stakeholders involved:

Governments, Private/Industrial sectors, NGOs, Communities, International/Multinational Institutions, etc

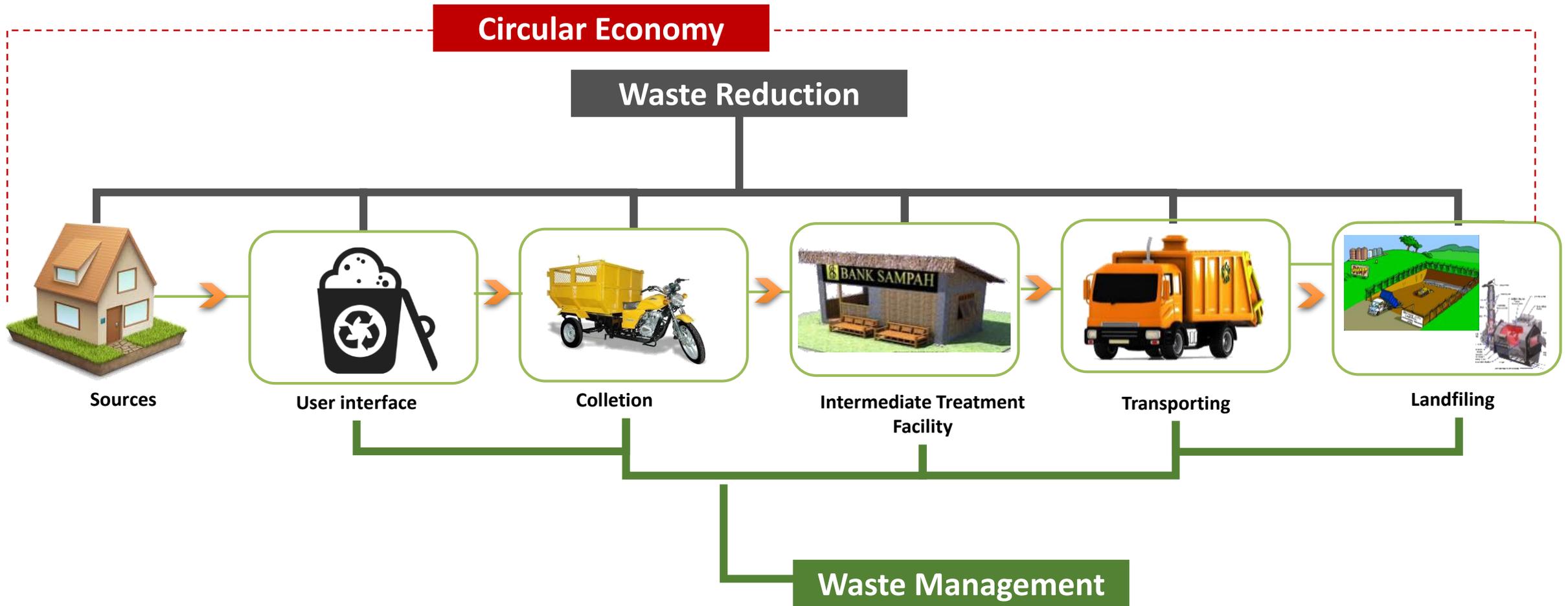


## Aims to:

1. Resources efficiency
2. Reduce waste and pollutions
3. Redefine growth
4. Improve social benefit



# Circular Economy in Waste Management (1)



**Economic Benefits**

**Social Benefits**

**Environmental Benefits**

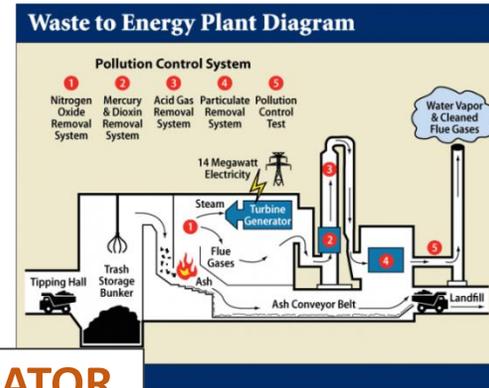
# Circular Economy in Waste Management (2)

## WASTE and GHG Emission REDUCTION

Composting

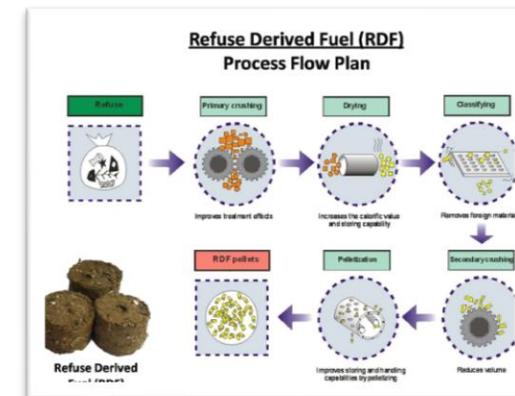


Waste to Energy



INCINERATOR

GASIFICATION



REFUSED  
DERIVED  
FUEL (RDF)

# Circular Economy in Industrial Sector



## Re-design Product

- Using recyclable/ organic/ non-toxic materials

Reduce  
Waste

Energy  
Saving

## Re-design Package

- Using Recycleable material

Production  
Cost  
Saving

Labor  
Saving

## Improve Quality

- Durability, Reparability, Reusability, Recyclability.

Customer  
Satisfaction

## Improve Customer Care

- Extended Producer Responsibility
- “Trade-in” scheme.

Environmentally  
Friendly

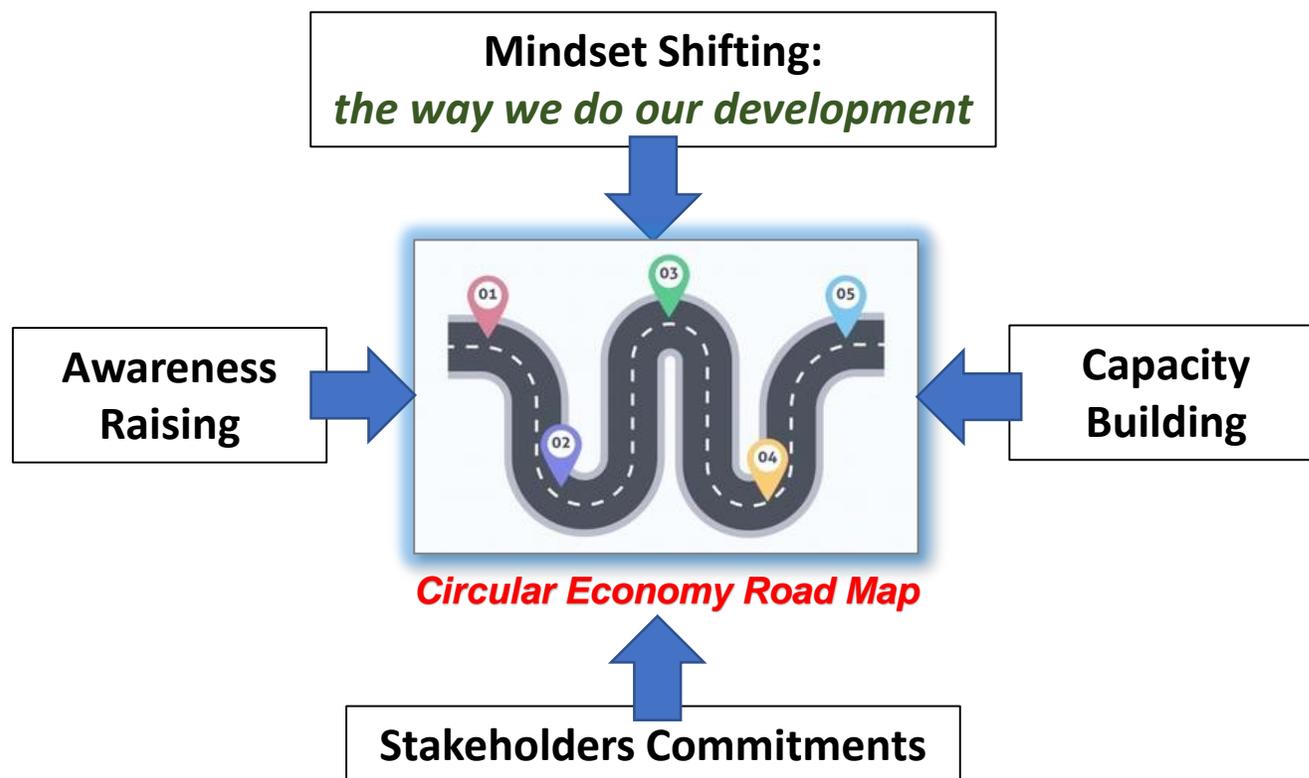
Reduce  
Emission

**Economic Benefits**

**Social Benefits**

**Environmental Benefits**

## Develop Circular Economy Road Map



## HOW TO START ?

*Started with an easy and simple step to be implemented*



**Resolving current waste management issues in an integrated manner from sources to landfill**



*Bappenas directions to implement Circular Economy:*

1. Synchronize stakeholders' perceptions and commitments on Circular Economy
2. Develop Circular Economy Implementation Plan (Roadmap)
3. Circular Economy should be able to become a tool to achieve SDGs targets
4. Optimize alternatif fundings available

**THANK YOU**