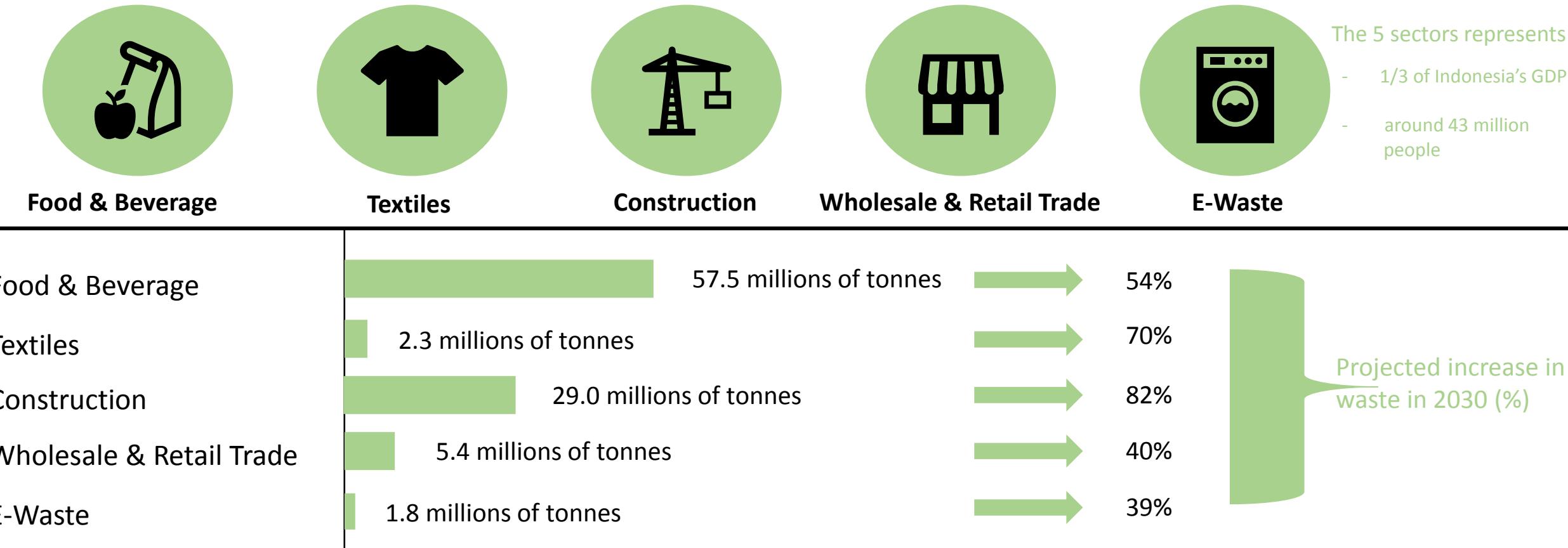


Desa Siklus

Every desa in Indonesia circular in 2030!

Indonesia's top 5 sectors for Circular Economy



Economic Benefits

Potential to generate an additional economy-wide GDP of IDR593 - 638trillion in 2030.

The direct GDP impact on the 5 sectors could vary from IDR -1,563 trillion to IDR312 trillion based on different scenarios.



Environmental Benefits

Reduce waste in each sector by~18-52% in 2030.

Reduce CO₂e emissions by 126million tonnes and water use by 6.3 billion cubic metres in 2030.



Social Benefits

Create 4.4 million net cumulative jobs by 2030.

Create annual household savings of almost 9% of their budgets (IDR4.9 million annually) in 2030.

How to reach the economic, environmental and social benefits?



The national CE strategy needs local strategies at village level to become successful



Job creation and economic boost of villages required after Covid-19 > Building Back Better



Development of “Place based” approaches with local innovators and networks



Precise KPIs on green electricity, organic food/feed, sust. water and agriculture, education.....

DESA SIKLUS: CE Hubs + micro factories

Electronics
repair shop

Tourist shop +
local shop (like
packaging, bags etc)

Fashion Shop

Cold storage
warehouse

Local food
shop (from local
ingredient and less rice)

Plastic
collection
point

Toko Tani
Organic (Fertilizer,
pesticides, biogas)

Education and
internet point

Organic Waste

- BSF system
- (Vermi)-Composting
- Convert into Fertilizer
- Fish and livestock Feed
- Cricket breeding

SMW

Convert into
Energy (high
investment + long
term)

Old resources enter the hub → New products leave the hub