



# Desa Siklus

Every desa in Indonesia circular in 2030!

# Indonesia's top 5 sectors for Circular Economy



**Food & Beverage**



**Textiles**



**Construction**



**Wholesale & Retail Trade**



**E-Waste**

The 5 sectors represents

- 1/3 of Indonesia's GDP
- around 43 million people

Food & Beverage



57.5 millions of tonnes



54%

Textiles



2.3 millions of tonnes



70%

Construction



29.0 millions of tonnes



82%

Wholesale & Retail Trade



5.4 millions of tonnes



40%

E-Waste



1.8 millions of tonnes



39%

Projected increase in waste in 2030 (%)



## 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 CO<sub>2</sub>e 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

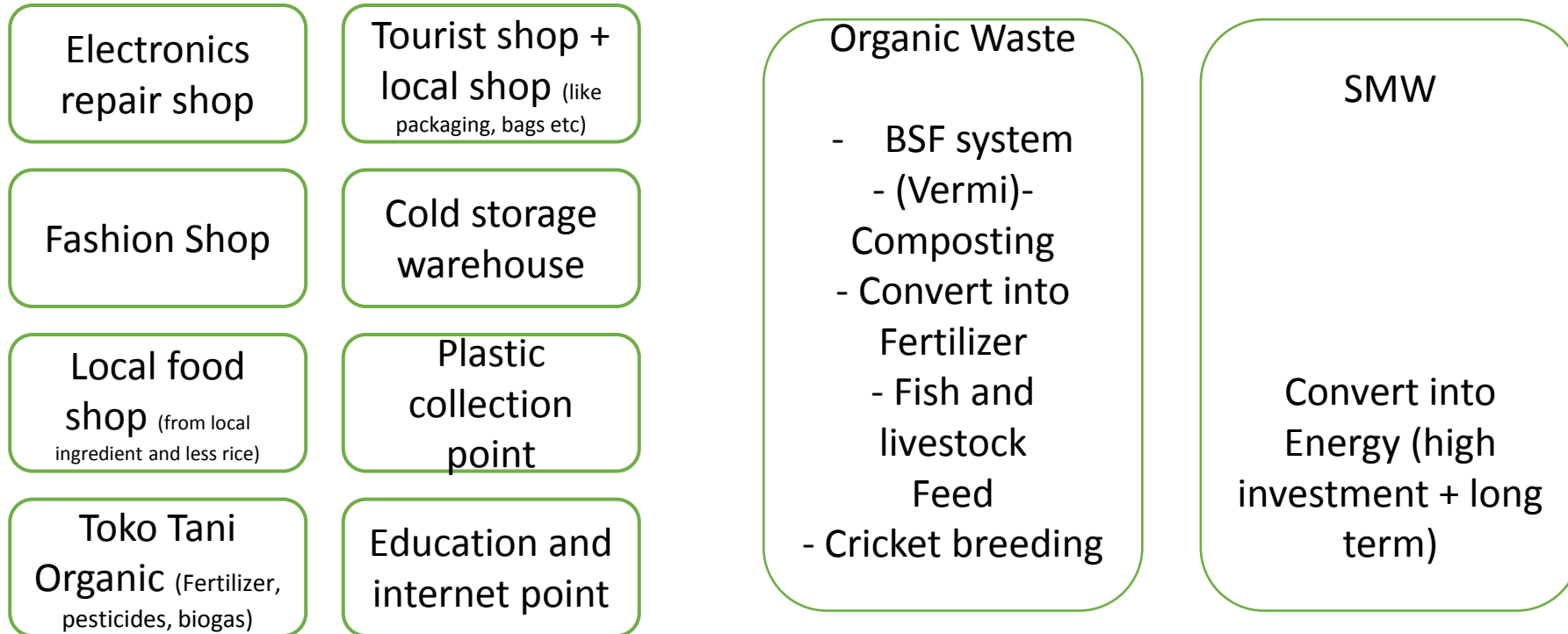


Development of “Place based” approaches with local innovators and networks



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

## DESA SIKLUS: CE Hubs + micro factories



Old resources enter the hub → New products leave the hub