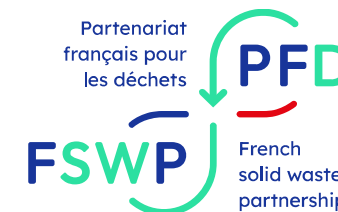


# A waste to resources industrial system

A systemic approach to reduce landfilling, recycle materials, and produce energy



WASTE & CLIMATE CHANGE

WASTE TO RESOURCES



A municipal solid waste plant to valorize 80% of waste into new raw materials, solid fuels and biomethane

- Materials Balance : for 100,000 t/y of waste
  - Biomethane = 62 GWh/y
  - New raw materials = 6,000 t/y
  - Fertilising products = 12,000 t/y
  - Refuse Derived Fuel (RDF) = 150 GWh/y

➔ [Un projet d'économie circulaire | Trifyl](#)

## CLIMATE BENEFIT:

> 23% reduction of CO<sub>2</sub> eq emissions compared to baseline

## CO-BENEFIT:

- > Increased income allows to stabilise waste treatment cost
- > Landfill diversion
- > Scalable and adaptable to various waste streams & energy needs



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