

GTL project



GreenTecLab

Zero Waste

going 
ZERO
WASTE



Definition



Zero waste is the conservation of all resources by means of responsible production, consumption, reuse and recovery of products, packaging and materials without burning, and with no discharges to land, water or air that threaten the environment or human health.

Definition by Zero Waste international Alliance (2019)



Refuse/Rethink/ Redesign



Refuse what we don't need and change the way we produce and consume by redesigning business models, goods and packaging in order to reduce resource-use and waste



Reduce and reuse



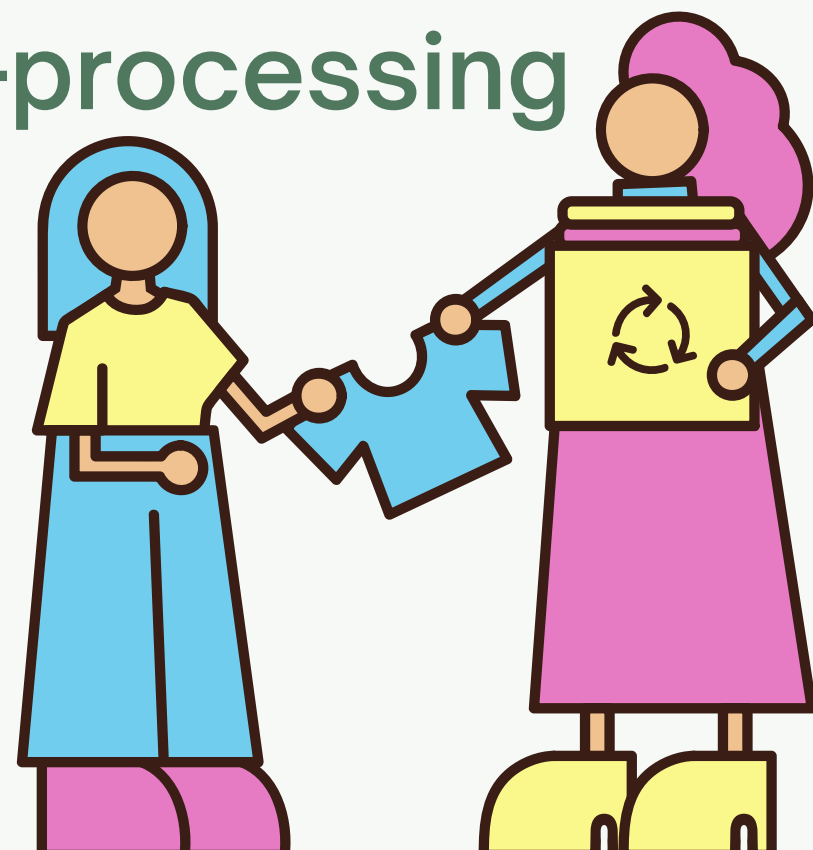
Minimise the quantity, toxicity and ecological footprint and any operation by which products or components that are not waste are used again for the same purpose for which they were conceived



Preparation for reuse



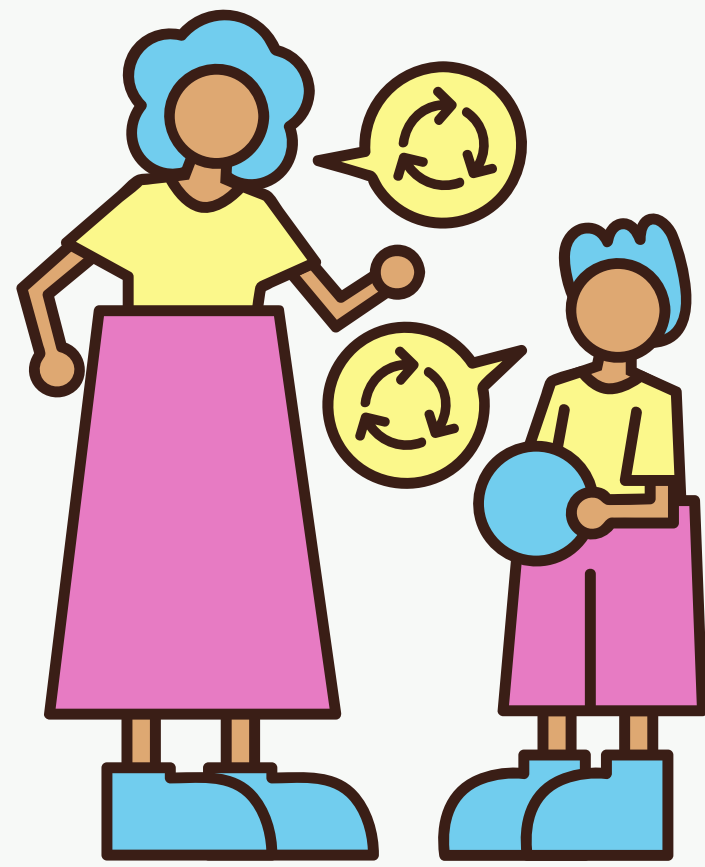
Checking, cleaning or repairing operations, by which products or components of products that have become waste are prepared so that they can be re-used without any other pre-processing



Recycling/composting/
anaerobic digestion



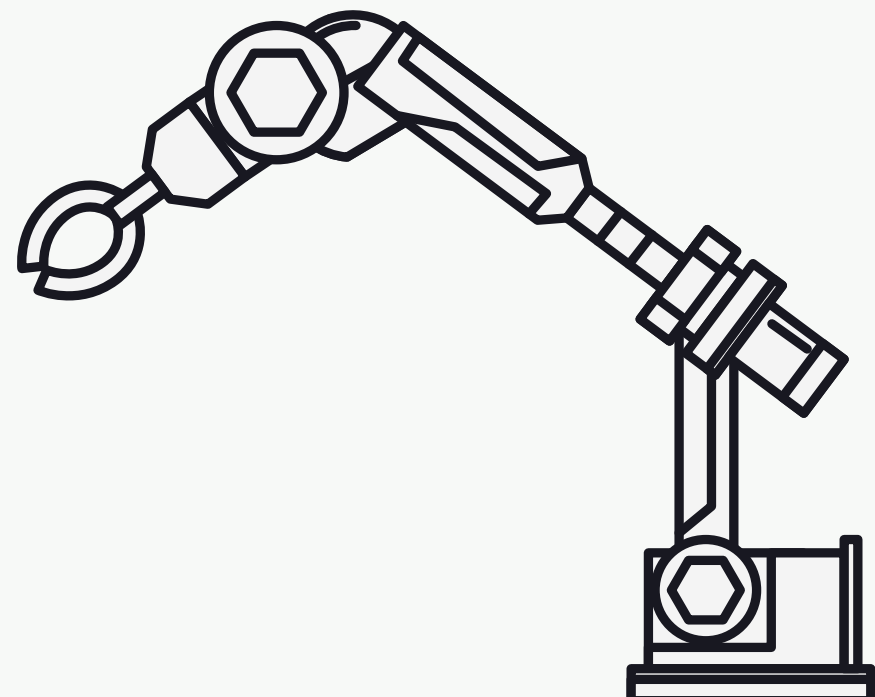
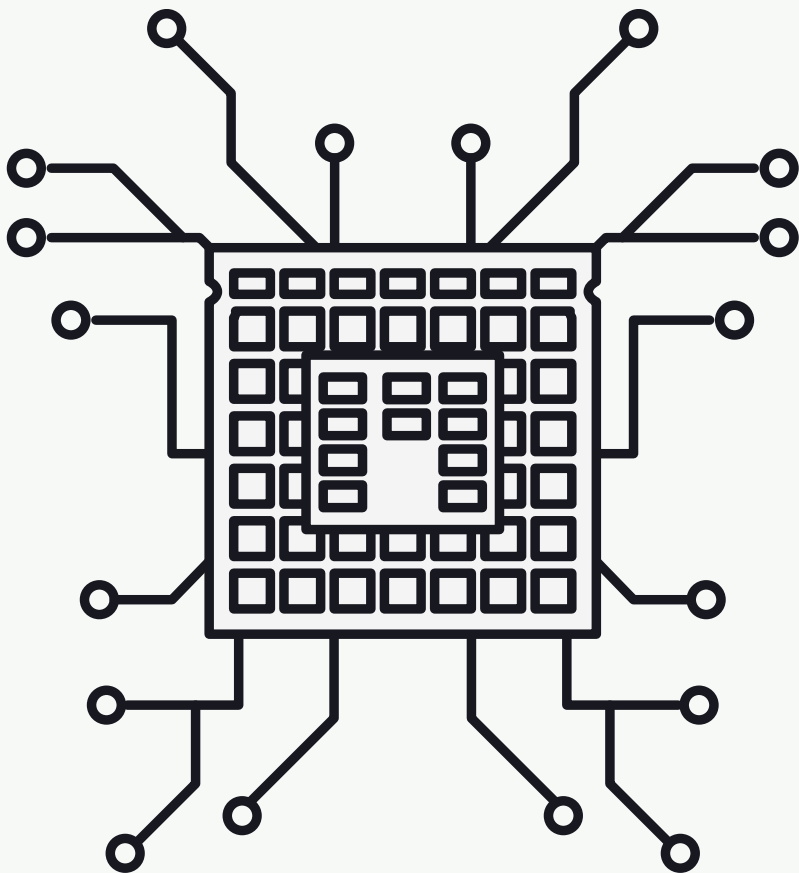
High quality material recovery
from separately collected waste
streams



Material and chemical recovery



Technologies to recover materials
from mixed waste into new
valuable materials in an
environmental sound way



Residuals management



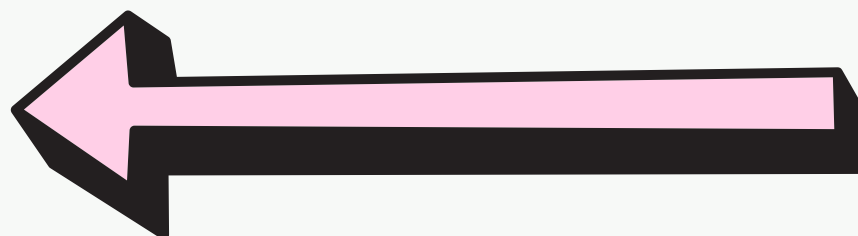
What cannot be recovered from mixed waste is biologically stabilised prior to landfilling



Unacceptable



Options that don't allow for material recovery, have high environmental impact and create lock in effects that threaten the transition to Zero Waste:
waste to energy incineration, co-incineration, plastic to fuel, landfilling of non-stabilised waste, gasification, pyrolysis, illegal dumping, open burning and littering



Reserve your spot now!

**You can be the future leader of the
transition!**



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- <https://zerowastecities.eu/discover/>