

2.3. UA for resource efficiency and waste management

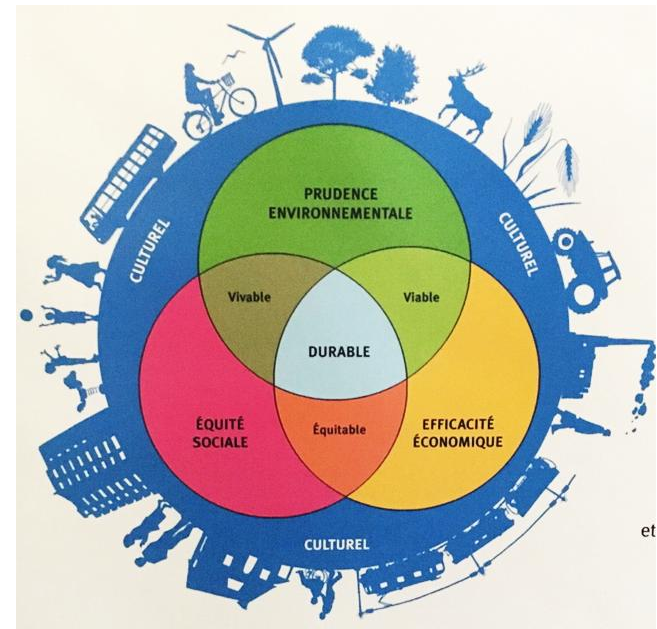
2.3.2 Waste-to-resources : the potential uses of bio-waste

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2.3.5 Waste-to-resources: The potential uses of biowaste

Plan

- Urban system
- Type of urban bio-wastes
- Ways of recycling
- Potential uses of bio-wastes for plant production

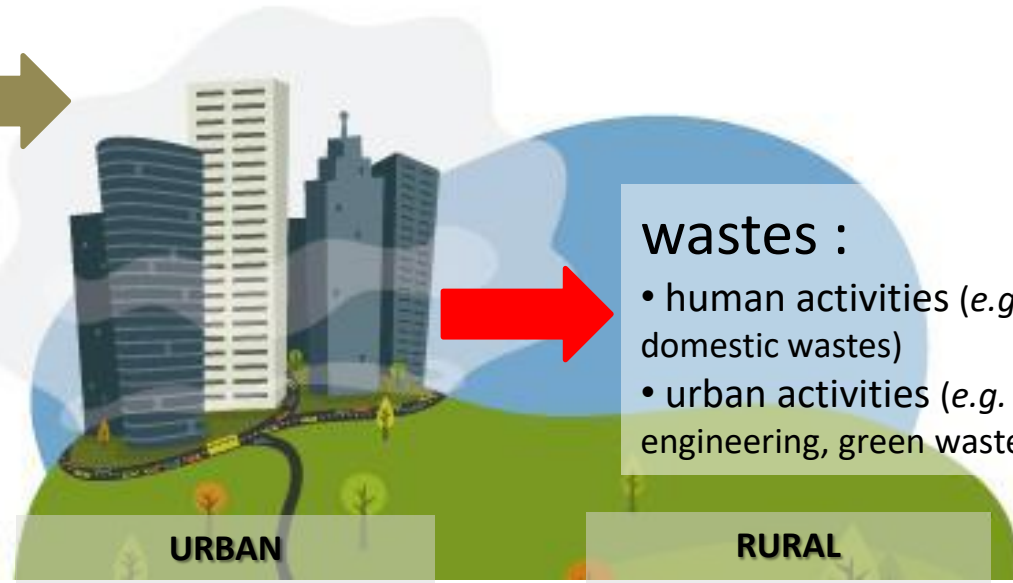


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Urban system = linear metabolism as an entry/exit model

raw materials :

- construction (e.g. wood, bricks, metals)
- landscape design (e.g. rocks, arable earth)



wastes :

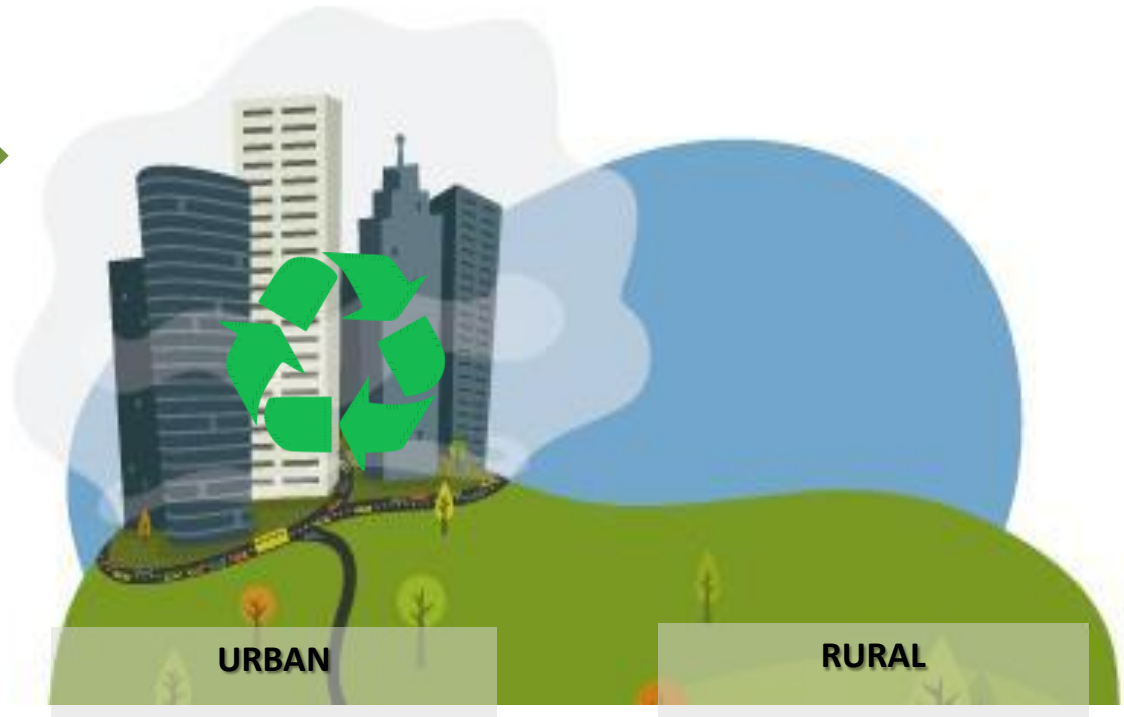
- human activities (e.g. sludges, domestic wastes)
- urban activities (e.g. civil engineering, green wastes)

How to limit the exportation of wastes out of the city ?

Urban system = change urban metabolism to a circular model

raw materials:

- construction (e.g. wood, bricks, metals)



→ by recycling urban wastes