



Update on Zero Waste Scotland projects

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EUROPE & SCOTLAND
European Regional Development Fund
Investing in a Smart, Sustainable and Inclusive Future

Household waste composition analysis 2021-23

- 2021-22 first year of the programme
- Six local authority projects will be completed in 2021-22
- Up to ten local authority projects for completion in 2022-23
- Local authority and national compositions wholly reliant on annual tonnages produced by local authorities



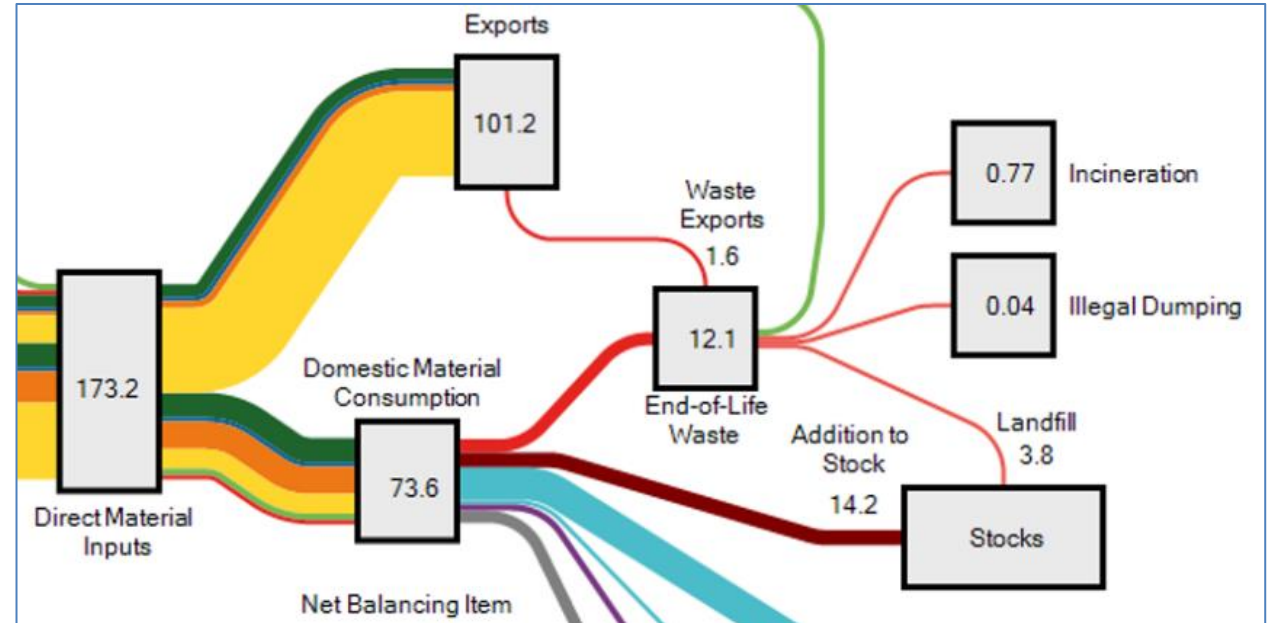


Commercial waste composition study

- Proposal for new project originally explored through business case completed March 2020
- Proposal currently being considered within an overall research plan to support Scottish Government waste targets routemap

Scotland's material flows

- Assessment of the scale and nature of Scotland's consumption
- ...The raw materials used to make products
- ...The finished products we consume, whether made in Scotland or imported
- ...Includes waste generated through production and consumption (reliance on waste data reporting)



The climate change impact of burning municipal waste in Scotland

- Evaluates the *carbon intensity* and *greenhouse gas emissions* of the six Energy from Waste (EfW) plants burning residual municipal waste
- *Carbon intensity* allows a comparison of EfW with other energy generating technologies
- *Life Cycle Analysis* calculates the net greenhouse gas emissions of the EfW plants and allows a comparison with landfill
- Methodology uses waste tonnages