Open day, 3 October, Staranzano

DECISIVE Strumento di support decisionale: comparazione dell'impatto delle varie strategie di gestione dei rifiuti organici sul territorio

Fundació ENT

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GOAL & SCOPE

 The target users of the Decision Support Tool (DST) will be competent authorities, consulting firms and waste operators.

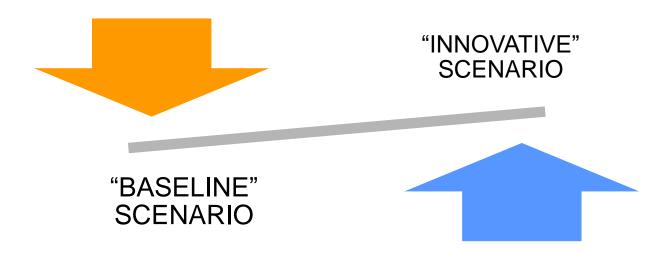
Aims:

- Providing a first assessment, based on the data available, of decentralised systems of valorisation of municipal biowaste in comparison with other treatment options in a specific study zone in urban areas.
- estimating the **possible location of the DECISIVE facilities** (micro-anaerobic digestion and solid state fermentation) in the specific study zone, if appropriate data is available.



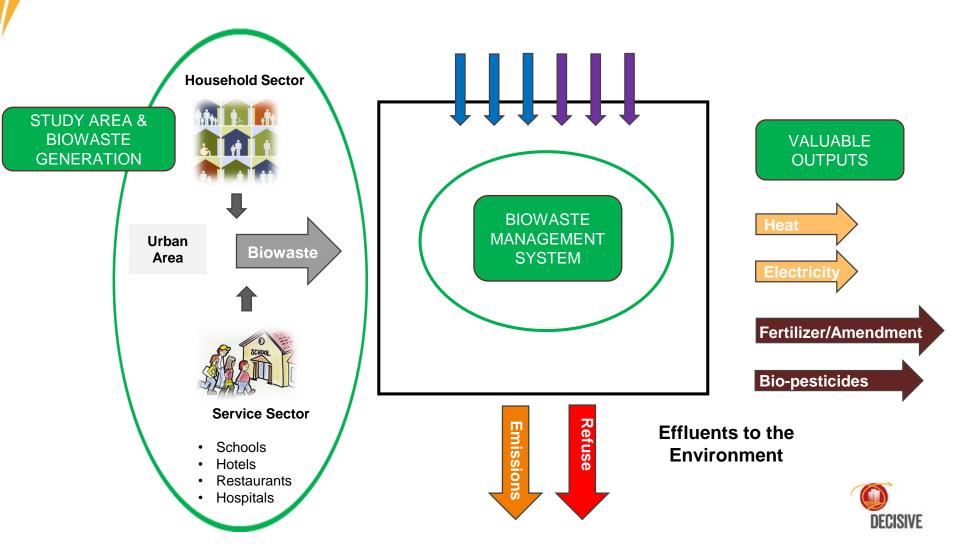
Comparison of scenarios

 To perform comparative assessments different biowaste management systems will be analyzed to compare Baseline scenario with Alternative scenario

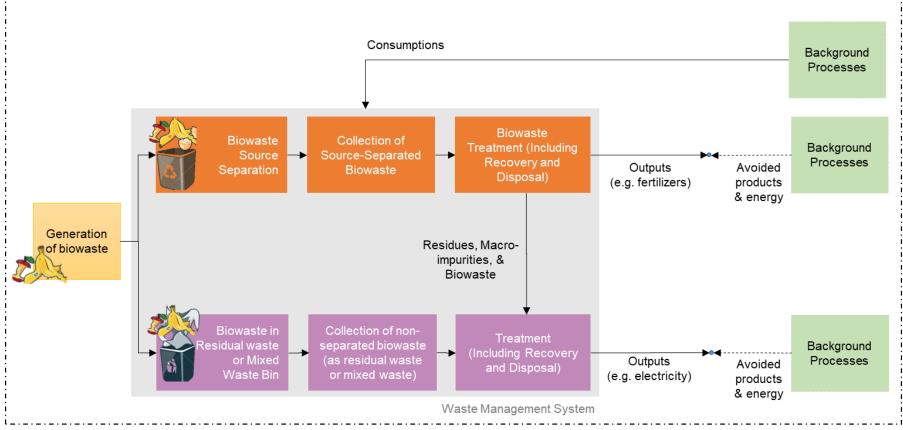




Overview of biowaste management system



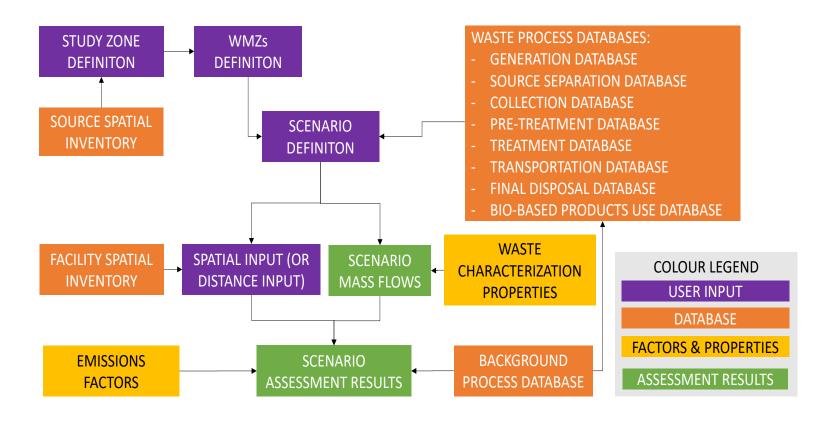
GOAL & SCOPE



System boundaries included in the tool

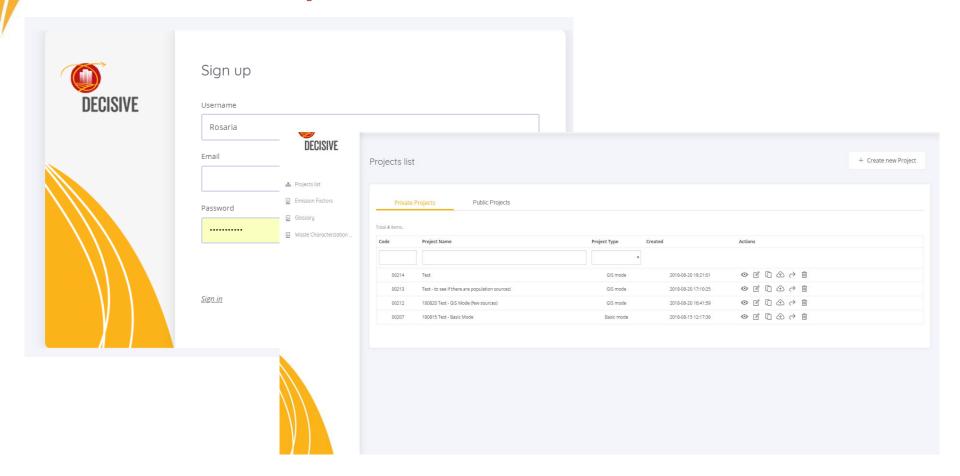


Structure of the tool



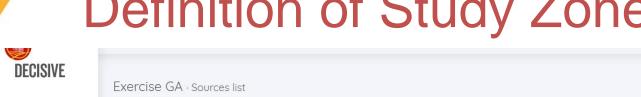


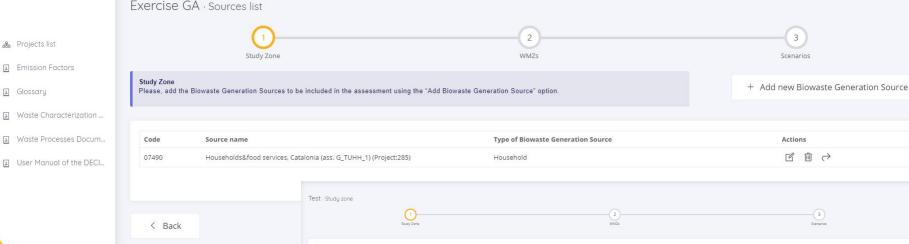
First steps to deal with the DST





Definition of Study Zone





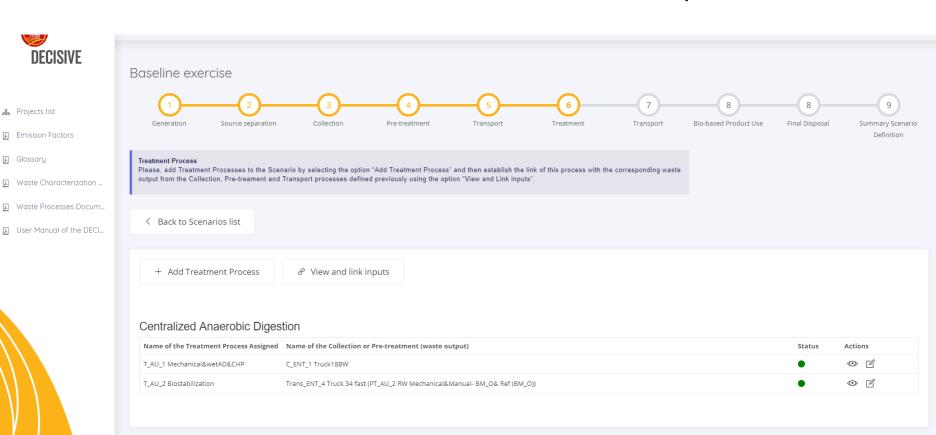
Basic mode

GIS mode



Definition of Scenario

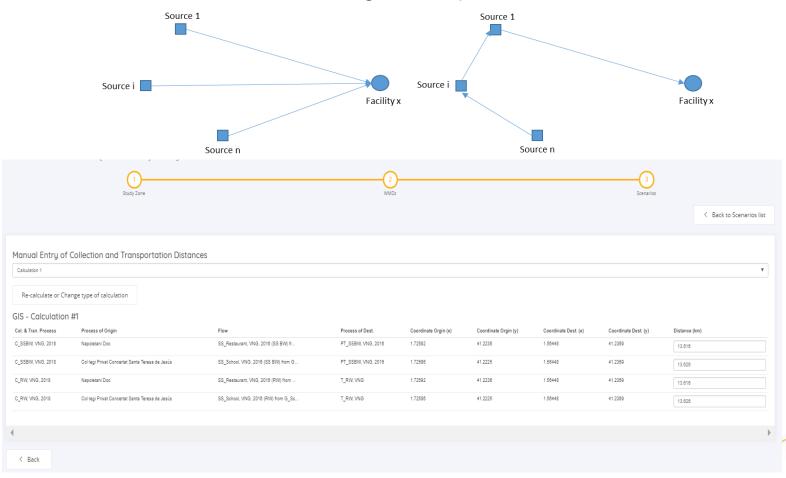
To define a scenario we need to define the waste processes





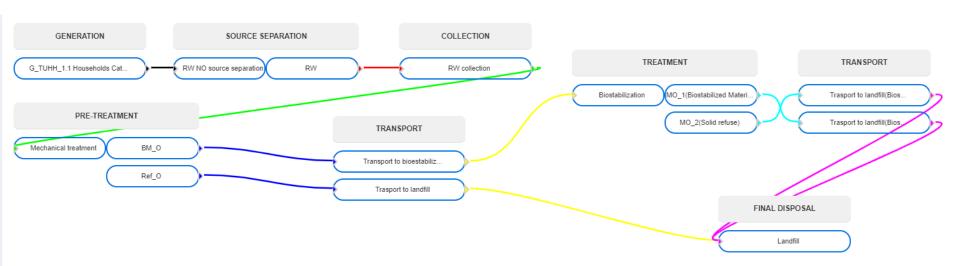
Spatial inventory

Localization of waste management plants



Study case A - Baseline

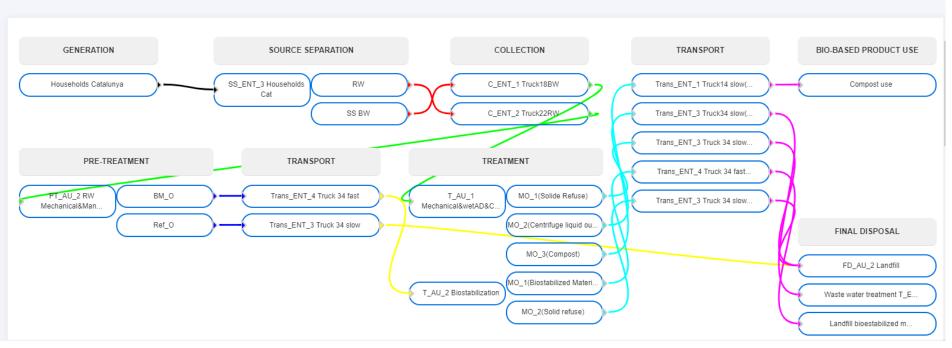
Summary Baseline scenario definition





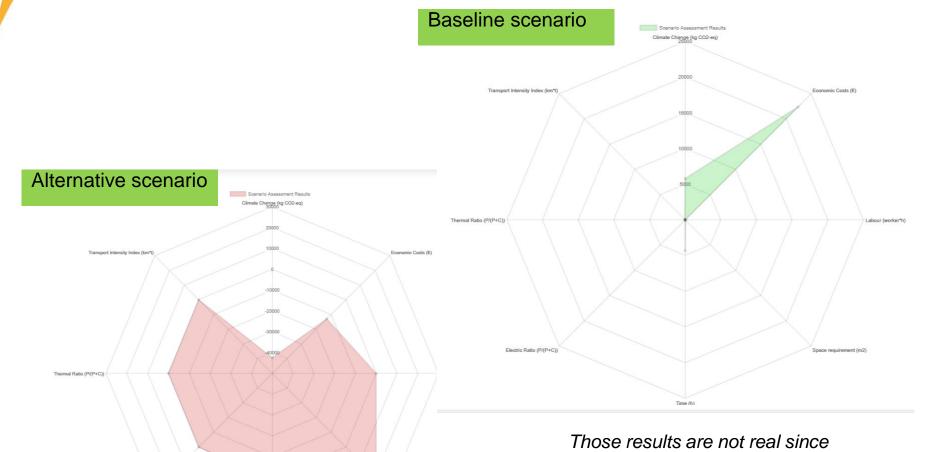
Study cases A - Alternative

Summary Alternative scenario definition





Scenario assessment results



Electric Ratio (P/(P+C))

they are coming from testing waste

processes

Grazie mille!

Contact

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