

Boosting circularity in bio waste and surplus food

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Awareness

Lisbon

7 543 Households with Biowaste Separate collection

4 135 Participants in home and community composting workshops

2 936 Entities targeted with a Door-to-Door food waste prevention campaign

43 363 Impressions with an on-line food waste prevention campaign



Genoa

13 Classes reaching a total of 214 students

20 info-points in the city to distribute brochures created by students and inform citizens

2 075 Brochures distributed

12 video tutorials made



Awareness

Hamburg

10161 Households engaged with “Biowaste collection weeks”

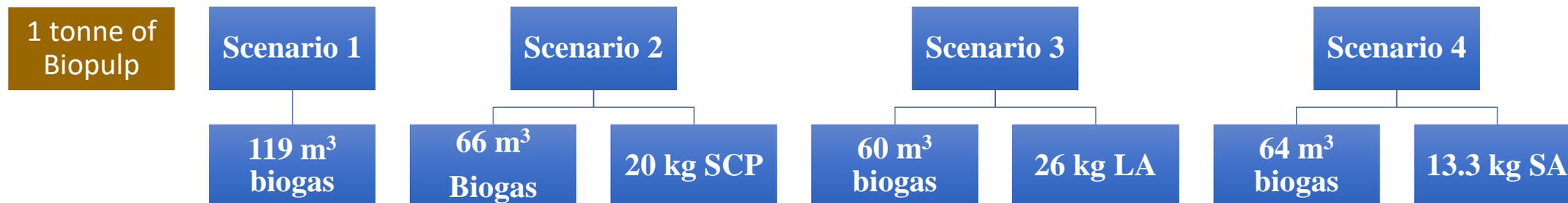
119 children attended composting workshops

1370 bio-bins for kitchen use were distributed

Technological innovation

Copenhagen

4 Scenarios for the valorisation of biowaste



Key learnings

User perspective

Lack of knowledge and information

Guidance and information on a regular basis, particularly in the starting phase

Face-to-face engagement was more successful than written communication

Restaurateurs need more attention and awareness campaigns to reach the desired engagement

Biowaste can be used to produce feed, lactic and succinic acid leading to greater circularity

Lisboa Zero WebAPP

Value Chain

DARiACORDAR's Zero Desperdício Network, with its Zero Desperdício Model, links donors and receivers of food surpluses, through a procedural, operational model that monitors and evaluates impacts, ready to manage the food surplus recovered in the network. This model has norms and a workflow chain, as well as a database with business intelligence functions, which allow an efficient management and monitoring of the network, and in addition, also evaluate social, economic and environmental impacts.

The Zero Desperdício Programme is a circular and collaborative economy model and has in its organizational structure the following entities: facilitator entity, receiver entities, donor entities, local authorities, other partners and beneficiaries.

Lisboa Zero WebAPP

Impacts

1 638 887
value)

Recovered meals (estimated

819 tonnes

Food waste avoided

3 442 tonnes

CO₂ emissions avoided

4 135 370

Economic value saved (EUR)

39 152

Beneficiaries covered

17 575

Families in need covered

Thank You

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