



SCALIBUR

LEADING A REVOLUTION
IN BIOWASTE RECYCLING

SCALIBUR

Leading a revolution in biowaste
recycling: The SCALIBUR project in
a nutshell

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Challenge



Per year each European
throws away
**200 kg of
biowaste**



**75% of biowaste
is landfilled**
or incinerated



Left in landfill
biowaste causes
**emissions and
pollution**



€143 billion
annual costs
associated with
biowaste in EU

➤ The SCALIBUR project

- 'Scalable Technologies for Bio-Urban Waste Recovery'
- €10 million grant from the European Union's Horizon 2020 Programme
- 20 partners from 8 countries

SMEs



KOUR ENERGY Srl
SVILUPPIAMO ENERGIA

Large companies



Non-profits



Greenovate!
EUROPE

Research centres



Public bodies



Universities



➤ 1. Improving biowaste collection

Partners have created best practices for **selective collection, transport, sorting and pre-treatment, and characterisation** of biowaste.

Three pilot cities have supported to integrate innovative these biowaste management practices.



2. Creating high value products

Partners have created new business opportunities by **demonstrating three innovative value chains** to transform biowaste into high-value industrial products.

HOUSEHOLD BIOWASTE

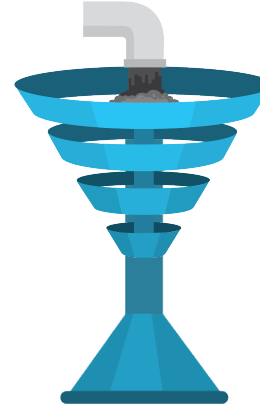


Bioplastic films



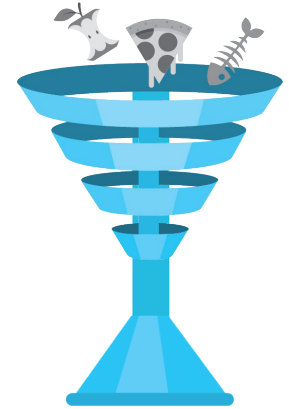
Biopesticides

SEWAGE SLUDGE

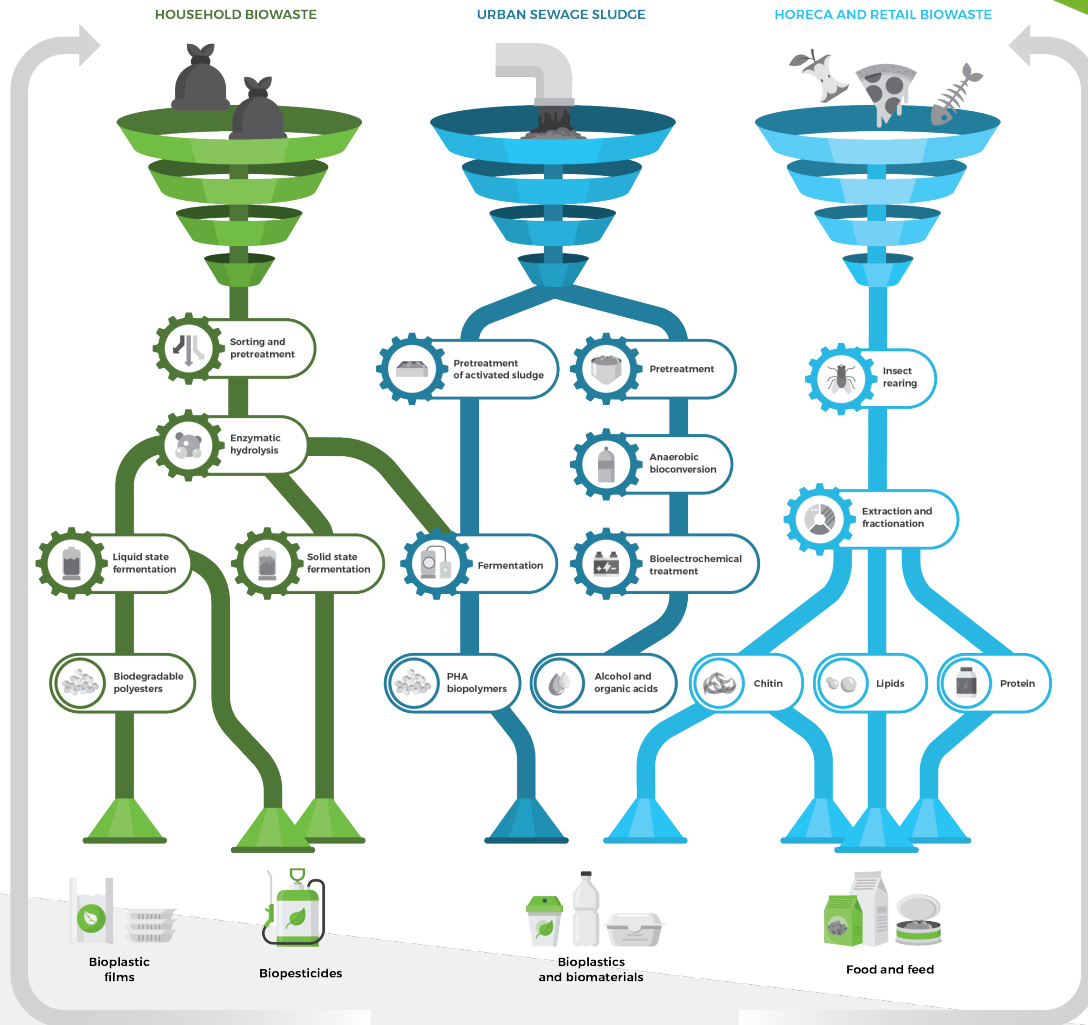


Bioplastics and biomaterials

HORECA AND RETAIL BIOWASTE



Food and feed



➤ Impact

Increase **biowaste collection**

Improve **citizen participation** in separate collection and acceptance of biowaste-derived products

Bring three **innovative processes** to obtain **value-added products** from biowaste to TRL 7

Prototype a range of **bio-based products** from biowaste, contributing to a more sustainable and resilient **protein supply chain**

Create new **organisational and business models** for cities across the EU to replicate

➤ Replication

Dedicated activities help stakeholders across Europe to replicate the SCALIBUR solutions.



for **Municipalities**

- Best practice factsheets
- E-learning module
- Early Adopter Club
- Training workshops



for **Entrepreneurs**

- E-learning module
- Personalised business coaching

➤ Get involved!

The SCALIBUR **Stakeholder Platform** is the main tool to access the project results.

Interactive user-oriented modules in order to give easy access to relevant information for different stakeholder groups.

➤ Get involved!



★ Connect and engage with a growing community of stakeholders



★ Be inspired by best practices!



★ Discover local, regional and international companies, technologies, key actors from the value chain.



★ Build your knowledge and skills by accessing our eLearning Resources

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➤ Get involved!

The SCALIBUR **Stakeholder Platform** is the main tool to access the project results. The Platform features interactive user-oriented modules in order to give easy access to relevant information for different stakeholder groups.

Also **follow us online:**



@SCALIBUR_H2020



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Thanks for your attention. Any questions?



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