

# Breaking barriers to make the most of biowaste

## From smart collection to innovative valorisation

19 October 2022, 09.00-16.45 (CEST / Spanish time)

### Hybrid event:

- 1 Register for free at: [www.bit.ly/scaliburfinalconference](http://www.bit.ly/scaliburfinalconference)
- 2 Choose between online attendance, or if possible, join us in person at ITENE (Valencia, Spain)

Discover in the following page the reasons why we are waiting for you in Valencia. If you select the face-to-face option, we will send you a booklet to help you arrive to our facilities, located at calle Albert Einstein, 1, 46980 Paterna, Valencia.

#### ORGANISED BY:



#### IN COLLABORATION WITH:



### Speakers from:

- ITENE
- EUROPEAN COMMISSION
- EUROPEAN ENVIRONMENT AGENCY
- CETENMA
- SAV
- CSCP
- ANCI LAZIO
- CLUBE
- AYUNTAMIENTO DE MADRID
- FCC
- ASA SPEZIALENZYME GMBH
- FUNDACION CENER-CIEMAT
- AERIS
- NOVAMONT
- KOUR ENERGY
- ZETADEC
- NUTRITION SCIENCES
- FCC AQUALIA
- WETSUS
- IRIS TECHNOLOGY GROUP
- UNIMORE
- GREENOVATE! EUROPE

### SCALIBUR partners:



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817788.

## Breaking barriers to make the most of biowaste

### DESCRIPTION

Almost half of Europe's municipal waste is organic, making **valorisation of biowaste** vital for the creation of a **circular economy**. New technologies, such as those developed and tested in the SCALIBUR Horizon 2020 project, are essential to help close the loop. Partners from across Europe have joined forces to innovate along the value chain; **from new technologies and methods to aid waste collection**, through to ground-breaking **valorisation processes**.

The results of the project will be showcased in this **hybrid conference**, hosted by the project coordinator **ITENE** research center, in Valencia. The event is being held back-to-back with the final conference of the ValueWaste project in Murcia on 20 October enabling participants to attend both events.

### WHO IS IT FOR?

- Waste management companies
- Municipalities and local authorities
- Bio-based industries
- Academic and research community
- And all circular bioeconomy enthusiasts!

### WHY JOIN US IN VALENCIA?

- **Learn first hand** about breakthrough technologies to transform OFMSW, HORECA waste and sewage sludge into safe and sustainable bio-based products
- **Network with experts** from around Europe representing leading companies and research institutions
- **Get behind the scenes access** to ITENE's state-of-the-art laboratories and infrastructure
- **Join the ValueWaste final event** on the following day (20 October) in Murcia: two for the 'price' of one!: [valuwaste.eu](http://valuwaste.eu)



# Agenda

## 09.00-10.00 Session 1 - Introduction

09.00-09.05	Welcome	Carmen Sánchez - <b>ITENE</b>
09.05-09.10	Urban Circular Bioeconomy actions at EU level	Veronique Woule - SCALIBUR Project Officer - <b>European Research Executive Agency</b>
09.10-09.30	Opportunities for Europe from biowaste valorisation	Almut Reichel - <b>European Environment Agency</b>
09.30-09.40	Leading a revolution in biowaste recycling: The SCALIBUR project in a nutshell	César Aliaga - <b>ITENE</b>
09.40-10.00	The achievements of ValueWaste & WaysTUP!	Gemma Castejón - <b>CETENMA</b> Belén Miranda - <b>SAV</b>

## 10.00-11.00 Session 2 - Biowaste valorisation starts at home

10.00-10.15	The role of engagement in the biowaste value chain	Carina Diedrich & Dimitra Ioannidou - <b>CSCP</b>
10.15-10.30	Smart collection technologies for a smart circular economy	Noelia Millas - <b>ITENE</b>
10.30-11.00	<b>Panel discussion</b> Lessons learnt from the SCALIBUR pilots	Representatives of Albano Laziale, Kozani & Madrid

## 11.00-11.30 Networking coffee break

## 11.30-12.45 Session 3 – Innovative valorisation of OFMSW

11.30-11.45	Innovative pre-treatment and monitoring of organic fraction of municipal solid waste (OFMSW)	Paula Marozzi - <b>FCC</b>
11.45-12.00	More efficient enzyme cocktails for processing of OFMSW by enzymatic hydrolysis	Arno Cordes - <b>ASA</b>
12.00-12.15	Upscaling the production of sugars from biowaste as a biorefinery platform for circular and sustainable bio-industries	Inés del Campo - <b>CENER</b>
12.15-12.30	Closing the solids loop: valorisation of the solid hydrolysate to biopesticides through solid-state fermentation	Esther Molina - <b>AERIS</b>
12.30-12.45	Biotechnological production of bio-based biodegradable materials from second generation sugars	Marta Saccomanno - <b>NOVAMONT</b>

## 12.45-13.45 Networking lunch & visit to ITENE's labs and pilot plants

## 13.45-14.30 Session 4 - Innovative valorisation of HORECA waste

13.45-14.00	Insect rearing: from HORECA waste to valuable new raw materials	Andrea Antonelli - <b>UNIMORE</b> Giacomo Benassi - <b>KOUR ENERGY</b>
14.00-14.15	Applications of insect proteins in the food and feed industries	Menno Thomas - <b>ZETADEC</b> Geert Bruggeman - <b>NUTRITION SCIENCES</b>
14.15-14.30	On the use of Black soldier fly insects as a novel source for the development of sustainable value-added products	Alejandro Aragón - <b>ITENE</b>

## 14.30-15.00 Session 5 - Innovative valorisation of sewage sludge

14.30-14.45	From wastewater treatment plants to biofactories	Yeray Asensio - <b>AQUALIA</b>
14.45-15.00	Trailblazing to produce food grade renewable bioplastics using municipal waste activated sludge	Alan Werker - <b>WETSUS</b>

## 15.00-15.30 Networking coffee break

## 15.30-16.45 Session 6 - Sustainability and future impact

15.30-15.45	Economic & environmental advantages of the new technologies	Cristina González - <b>ITENE</b>
15.45-15.55	The Biowaste Hub: a new stakeholder platform for fostering collaboration in the biowaste value chain <b>Visit:</b> <a href="https://thebiowastehub.com/auth/scalibur-layout">https://thebiowastehub.com/auth/scalibur-layout</a>	Albert Torres - <b>IRIS</b>
15.55-16.05	How the HOOP project will build on SCALIBUR	Miguel Ángel Suárez - <b>CETENMA</b>
16.05-16.30	<b>Panel discussion</b> The road ahead: bringing the SCALIBUR innovations to the market	Noelia Millas - <b>ITENE</b> Inés del Campo - <b>CENER</b> Andrea Antonelli - <b>UNIMORE</b> Yeray Asensio - <b>AQUALIA</b>
16.30-16.45	Conclusions and wrap up	César Aliaga - <b>ITENE</b> Vicky Mosteyrin - <b>GREENOVATE! EUROPE</b>

**MODERATOR:**

**Vicky Mosteyrin - GREENOVATE! EUROPE**

### Free registration includes:

- Networking coffees & lunch during the face-to-face event in Valencia.
- Bus transfer to Murcia to attend ValueWaste final event on 20 October.

### Get involved!



Website: [www.scalibur.eu](http://www.scalibur.eu)



Twitter: [@SCALIBUR\\_H2020](https://twitter.com/SCALIBUR_H2020)



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### Contact us:



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