Stakeholders Platform

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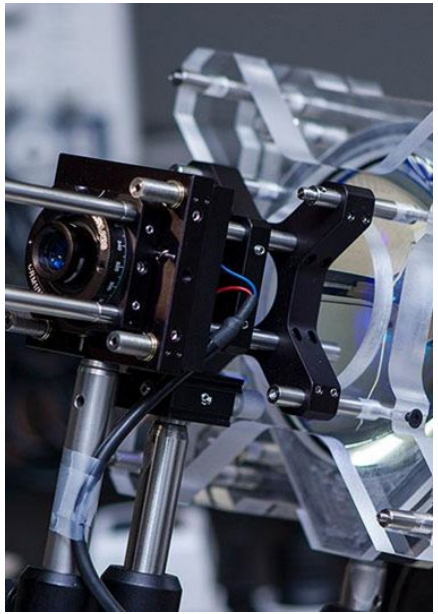
0. Who we are

ABOUT US

IRIS is an advanced engineering company specialised in Photonics and Artificial Intelligence key enabling technologies for the digitisation of industrial processes:

Location: Barcelona, Spain



IRIS Technology Solutions S.L.

- ✓ Founded in 2007 in Barcelona
- ✓ 65 highly qualified multidisciplinary staff
- ✓ > R&D: >45M€, > 100 projects, > 15 patents
- ✓ Providers of advanced engineering services integrating turn-key solutions
- ✓ Combination of Photonics and AI to develop and integrate inline monitoring solutions with Spectroscopy-based analyzers
- ✓ Manufacturers of industrial-grade NIR analyzers under the Visum trademark
- ✓ Developers of Data Management Platforms, Industrial AI Decision Support Tools and Digital Platforms
- ✓ Innovation lab for pioneering in industry. Key Enabling Technologies (KETs) introduction through international and collaborative R&D Projects

0. Role in SCALIBUR

Connecting & Digitising Value Chains

Design and building of Digital Platforms for Stakeholder Management/Collaboration, for linking actors along the value chain, consumer-level platforms…

User Experience & User Design Expertise: User First Designs to ensure Web-based, Smartphone & Tablet applications that are easy to use for high user success.

1. Current Challenge

Urban biowaste is a cause of pollution and produces odour and leachate

Value chains of stakeholders need to come together for transforming waste into value

2. Solution

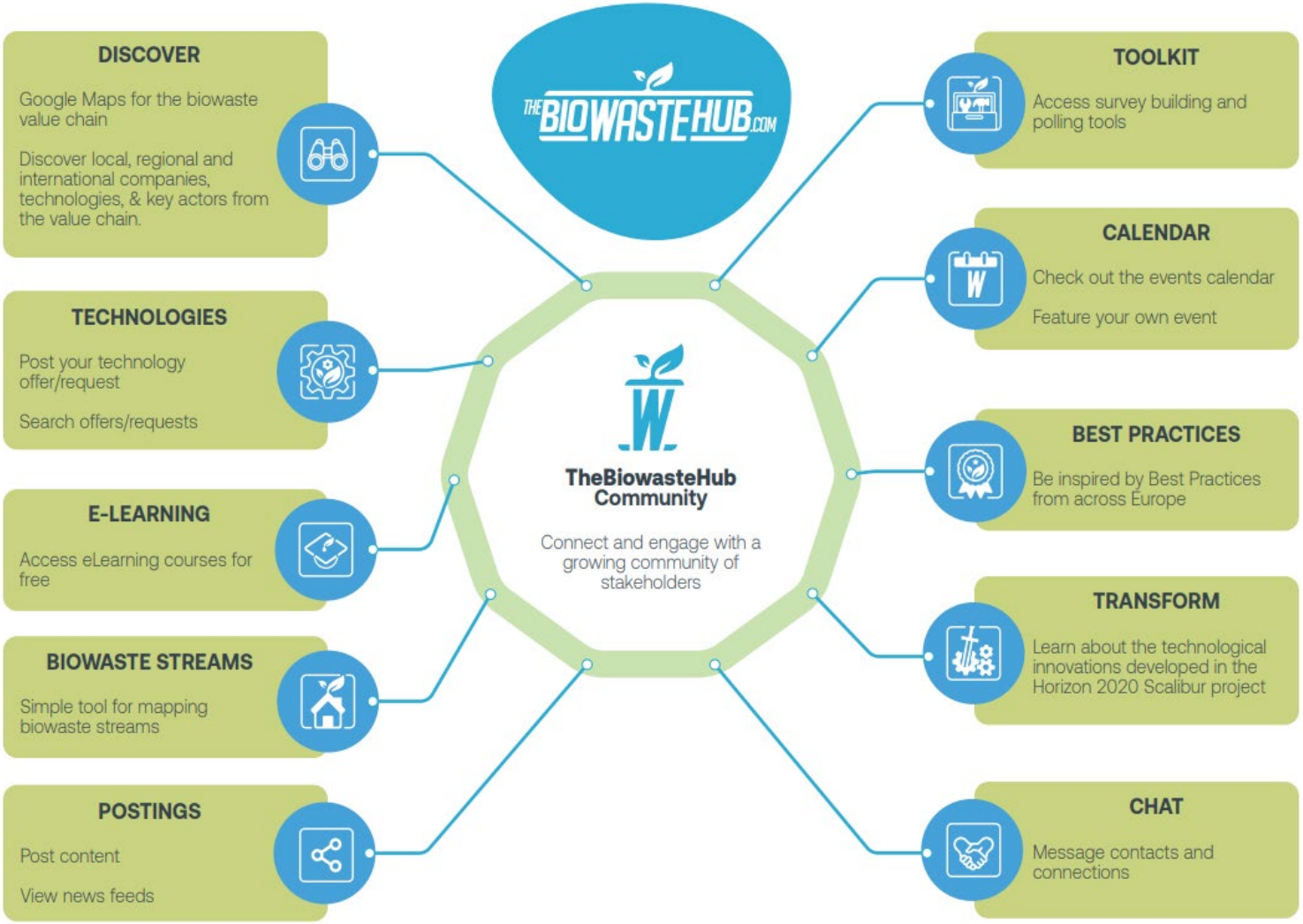
THE BIOWASTE HUB.COM

The new meeting point for urban biowaste stakeholders

‘FIRST DIGITAL HUB FOR EUROPEAN BIOWASTE VALUE CHAINS’

2. Solution

A PLACE TO CONNECT, LEARN, TRANFORM


THE BIOWASTE HUB .COM
DISCOVER
Google Maps for the biowaste value chain
Discover local, regional and international companies, technologies, & key actors from the value chain.
TECHNOLOGIES
Post your technology offer/request
Search offers/requests
E-LEARNING
Access eLearning courses for free
BIOWASTE STREAMS
Simple tool for mapping biowaste streams
POSTINGS
Post content
View news feeds
TheBiowasteHub Community
Connect and engage with a growing community of stakeholders
TOOLKIT
Access survey building and polling tools
CALENDAR
Check out the events calendar
Feature your own event
BEST PRACTICES
Be inspired by Best Practices from across Europe
TRANSFORM
Learn about the technological innovations developed in the Horizon 2020 Scalibur project
CHAT
Message contacts and connections

TheBiowasteHub makes it easy to...

Connect

Network with stakeholders from the urban biowaste value chain:

- Waste and wastewater management companies
- Business and local service providers (waste, energy)
- Government municipalities
- Industry associations
- Academia & the scientific community
- End-users of biobased and biodegradable polymers for the development of bioproducts
- Generators of urban biowaste (retailers, hotels, restaurant chains...)

Connect with individuals, professionals, organisations, and businesses with an interest in the world of biowaste!

Discover

Learn about the latest **innovations** and **solutions** in the field of **urban biowaste**:

- **Discover** new **innovations** & **process**
- **Learn** from **best practices**
- **Matchmake** with **technology** and **service** providers, with **waste generators** and **waste convertors**...
- **Showcase** your **business, products, services, skills**

Transform

One Central Hub for everything urban biowaste.

Access:

- the **tools**
- the **value chains**
- the **technology**
- and the **connections**

...to **transform biowaste into value outputs**.

3. Why Join?

Be part of the Change

Biowaste has considerable potential to contribute more widely to the circular bioeconomy through, for example, being processed into fertiliser, soil improvers and non-fossil fuels. Under the EU's Circular Economy Action Plan, efforts to use biowaste as a resource have gained additional traction, and technical developments going beyond the current end products of biowaste treatment, such as biogas and compost, are emerging.

Some Facts

- With a share of 34 %, biowaste is the largest single component of municipal waste in the EU.
- Recycling of biowaste is key for meeting the EU target to recycle 65 % of municipal waste by 2035.
- About 60 % of biowaste is food waste.
- A high proportion of biowaste still ends up in the mixed waste that is landfilled or incinerated, even in many countries with well-established separate collection systems.
- Treatment of separately collected biowaste is dominated by composting, but anaerobic digestion, with biogas production, is increasing. Biogas is a source of renewable energy.
- Research and innovation increasingly explore the opportunities for using biowaste, mainly from food processing, as a new source of higher value products such as volatile fatty acids and biofuels, but many challenges remain.

Want to make a difference in the world?

Join us in **The Biowaste Hub** to see **how you can be involved** in a new community that will take the **lead in converting biowaste into valuable new materials.**

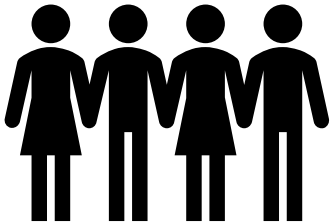
JOIN NOW

SCALIBUR

In a nutshell...

4. Community engaged so far…

400+



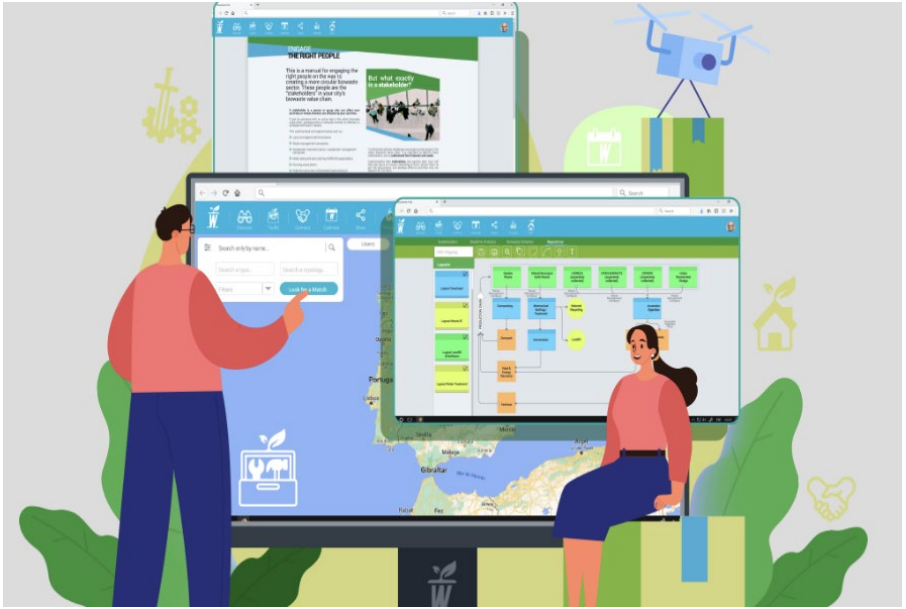
Users

300+

Organisations

Global reach

Sign up today!



Join TheBiowasteHub today and get connected!

Network with **stakeholders** from the **urban biowaste** value chain:

- Waste and wastewater management companies
- Business and local service providers (waste, energy)
- Government municipalities
- Industry associations
- Academia, the scientific community
- End-users of biobased and biodegradable polymers for the development of bioproducts,
- Generators of urban biowaste (retailers, hotels, restaurant chains...)

. . . Or any **individuals** or **professionals** with an interest in the world of **biowaste!**

www.thebiowastehub.com

THANK YOU ☺

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@SCALIBUR_H2020 SCALIBUR project **www.scalibur.eu**

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