



SMARTY
Interreg Europe



European Union
European Regional
Development Fund

Territorial Shared Agendas to accelerate Green and Digital Transitions

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Framework

RIS3CAT 2030 promotes transformative, responsible research and innovation
with impact on the quality of life of people and the territory

Enabling technologies

- Artificial intelligence
- Cybersecurity, connectivity and blockchain
- Microelectronics and nanoelectronics, photonics and quantum technologies
- Advanced and sustainable materials
- Biotechnology
- Advanced digital manufacturing

New digital- and technology-based industry

Transformation of goods and services supply systems through shared agendas

- A sustainable, fair, equitable and healthy food system
- An environmentally-friendly, emissions-neutral energy and resource system
- A sustainable mobility and logistics system
- A universal, sustainable, resilient social and health care system
- A reflective, proactive, inclusive and responsive education and knowledge-generation system
- A sustainable, competitive industrial system
- A cultural system that integrates people, territory and history

Greener, more digital, more resilient and fairer socioeconomic model

How can digitalisation help the green transition?

Catalan Government promoting Shared Agendas between local stakeholders and Public administrations.

- Shared Agendas are transformative innovation agendas that adress the challenges relevant to society
- They allow us to move towards paterns of more sustainable and inclusive development (SDGs)
- Strategies towards SDGs:
Global challenges
Dominant socio-technical Systems
Emerging innovations
- The transition to the new system is complex: **COLLECTIVE AWARENESS vs COLLECTIVE ACTION**



How can digitalisation help the green transition?

- Vocational Training Centres in Granollers in the Shared Agenda for zero waste.



Pilot project in Granollers to generate collaborative dynamics in the sphere of the circular economy among Vocational Training Centres, Public Administrations and companies in the city.

Players: Granollers City Council, business associations in the territory, the Intersectoral Business Union (UEI), SME association PIMEC, the Chamber of Commerce and the unions CCOO and UGT, 2 Vocational Training Centres.

How can digitalisation help the green transition?

Examples:

1. Energy generation from wastewater
2. Energy generation from coffee husks
3. Digitalisation of documents and processes at small companies



Main results:

- Students acting as drivers of change
- Students working with companies in their immediate environment
- Human talent and technological equipment for improving competitiveness and accelerating the twin green-digital transition.

How can digitalisation help the green transition?

- Ideas Generation Program of the Autonomous University of Barcelona (UAB).

Aiming to foster the entrepreneurial spirit and culture of innovation and to support research staff in training at the UAB to model ideas based on the challenges proposed by society.

Players: Hub b30 created in 2018 by The UAB Research Park, the Autonomous University of Barcelona, Eurecat and the B30 Area Association to promote the innovation of SMEs in the territory, supporting companies and institutions to detect their challenges and needs to improve their competitiveness, and offer them the most appropriate solution.

How can digitalisation help the green transition?

3 phases:

- 1) Ideas lab: participative sessions with 4 helix players
- 2) Ideas generation: multidisciplinary groups working on Business models from research and innovation ideas
- 3) Development of prototypes

In 2022: Ideas Generation Program on Zero Waste.

**hub
b30**



How can digitalisation help the green transition?

Main results:

418

Researchers involved

101

Innovative projects

35

Research centers

8

Patented technologies

11

Companies created

21

Companies involved

1,500,000

of mobilized euros

How can digitalisation help the green transition?

Main results:

Companies created



How can digitalisation help the green transition?

Funding:

- Pilot Project Granollers: ERDF (Technical assistance) and Own resources.
- Ideas generation Program UAB: ERDF (RIS3CAT).



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Thank you!

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