

Agro-Food

the main challenge: Defining the circular potential for the agro-food sector

1 The project could be addressing one of the following aspects:

- Food waste prevention along the value chain
- Successful implementation of cascading strategies based on an established hierarchy of biomaterials which enables producers to use or exploit the high value products first to achieve maximum value
- How to create transparency and trust – traceability and data capture

2 Technology to be implemented

Your project should be solving the industry challenge in a scalable way and be based on the idea of reshaping your linear value chain into the circular one. The technology to be implemented should be picked from one of the prioritized groups:

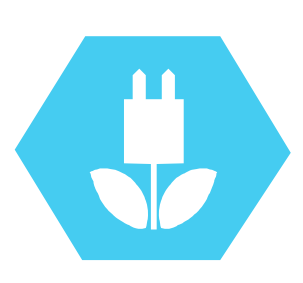
1.



DIGITAL

- Mobile
- Block chain
- Social
- Machine-2-machine
- Cloud
- Cyber security
- Big data analytics

2.



HYBRID

- 3D printing
- Trace & return systems

3.



ENGINEERING

- Modular design
- Advanced recycling
- Nanotechnologies
- Advanced manufacturing
- Life and material sciences

3 Circular Economy Building Blocks (Business models)

Please, try to use one of the suggested business models in your project:

- Industrial Symbiosis
- Material Resource Efficiency
- Renewable Energy Sources & Energy Efficiency
- Biological Products
- Product Life Cycle Extension
- Performance Economy
- Sharing Economy
- Platform Economy

Example

1

Challenge accepted:

Food waste prevention along the value chain

2

Technology to be implemented:

Digital (mobile, big data analytics, social)

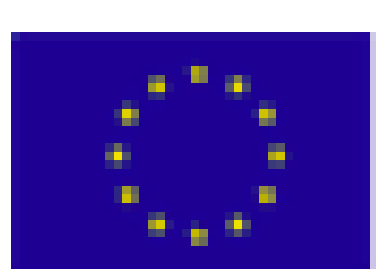
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Business model:

Platform economy v



C-Voucher



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