

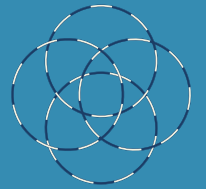
# FACT SHEET



## INTERCONNECTIONS IN BIO-BASED ECONOMY CLUSTERS

ICT-BIOCHAIN will promote cooperation between biomass suppliers and technology providers through the 2 DiHs (in Andalusia, Spain, and Ireland).

Disciplines of knowledge: ICT, IoT, Industry 4.0, agriculture, food, forestry, biotechnology, logistics and economics.



Different types of biomass: vegetable residues, algae, lactose, whey, horticulture residues.

The Project Consortium includes partners from diverse industrial sectors, sizes and types.



## IMPROVING BIOMASS SUPPLY CHAINS



Potential biomass feedstock cost reduction of 2% to 25% could be achieved until 2020.

Reduction in costs and losses will have a contribution to EU aim of achieving 30% improvement of end to end logistics performance by 2030.



It is expected that the DiH could involve 75 biomass suppliers and 125 technology providers.

## COMPETITIVENESS, NEW JOBS AND SUSTAINABILITY

ICT-BIOCHAIN and the DiHs will promote European technology within external markets.



Around a 5-10% increase in bio-economy jobs due to impact of ICT-BIOCHAIN is expected in the long term.

Impact in environmental footprint of biomass supply chain as CO<sub>2</sub> emissions from feedstock management and transportation will be reduced thanks to ICT, IoT and Industry 4.0 tools.



## REPLICATION IN EUROPE



ICT-BIOCHAIN Platform will allow feedstock-specific ICT data and opportunities to be accessible by relevant stakeholders in the EU and beyond.

To ensure the replicability across EU, it will be developed e-Learning materials based on a roadmap supporting the bioeconomy regions to implement the DiHs.



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ICT BIOCHAIN



Bio-based Industries Consortium



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Read more at [ictbiochain.eu](http://ictbiochain.eu)