Rilegno | National wood collection and recycling network

Italy's national consortium for the collection, recovery and recycling of wood packaging is a dynamic group of 2,000 companies, which transform wood, produce packaging, supply and import semi-finished packaging. The voluntary members include recycling companies, producers of boards, pulp, blocks, panels and pallets. The large network enables a competitive recycling market of up to 2 million tons of collected material annually.

The Rilegno network is a showcase of excellence in post-consumer wood waste and recycling logistics, maximizing the benefits of an integrated circular value chain and market approach for the entire wood and furniture sector. Highlights of innovative features:

- The collection network covers the entire territory with 419 private collection platforms serving the industrial and commercial sector.
- More than 4,500 municipalities representing over 42 million inhabitants have signed agreements for urban collection.
- 15 major panel producers recycle large volumes to supply board products to furniture and construction industries, amounting for about 3.2 million tons of released items.
- 63% of the material sent for recycling into boards comes mainly from wooden packaging such as pallets, crates for fruit and vegetables, boxes, cable reels, cork stoppers.
- In addition, 60 million items equal to 839,000 tons of regenerated pallets are returned to the market, which thus re-enter the logistics circuit instead of becoming waste.
- The gained CO2 savings amount to around 1 million tons per year. The economic impact is around 1.4 million euros and 6,000 jobs.

MORE DETAILS

CHALLENGE ADDRESSED

5.- Enhance economic and environmental performance of forest supply chains

DOMAIN

Products, markets, trade

Forest-based bio/circular economy

TYPE OF SOLUTION

Collaboration platforms, logistical hubs

KEYWORDS

recovered wood; waste wood; recycling; wood-based panels

DIGITAL SOLUTION

No

INNOVATION

Yes

COUNTRY OF ORIGIN

Italy

SCALE OF APPLICATION

National

START AND END YEAR

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REFERENCES AND RESOURCES

MAIN WEBSITE

http://www.rilegno.org/

PROJECT WEBSITE

www.woodcircus.eu

PROJECT REFERENCE

WoodCircus, EC Horizon 2020 no. 820892, 2018-2021

RESOURCES

Rilegno - WoodCircus Good Practice

LOGO OF BEST PRACTICE

LOGO OF MAIN ORGANIZATION

Rilegno

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

31 Oct 2021

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Link to Rosewood 4.0

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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