

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

KEYWORDS

recovered wood; waste wood; recycling; wood-based No panels

COUNTRY OF ORIGIN

Italy

DOMAIN

Products, markets, trade
Forest-based bio/circular economy

DIGITAL SOLUTION

SCALE OF APPLICATION

National

TYPE OF SOLUTION

Collaboration platforms, logistical hubs

INNOVATION

Yes

START AND END YEAR

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CONTACT DATA

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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



PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood 4.0

POST DATE

31 Oct 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681



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