Improving the bond between steel and synthetic cable (MUCAS)



It examines the low usage of synthetic cable in Catalonia's timber harvesting due to its high cost and rapid wear. It proposes a solution involving a synthetic-steel bond in the cable's last meters to reduce abrasion and extend lifespan. The project aims to develop effective bonding techniques that enhance the cable's performance and promote its advantages, ultimately improving its adoption in the industry.

For more information see FOREST4EU factsheet (click on)

MORE DETAILS

CHALLENGE ADDRESSED

2.- Improve infrastructures and capacity of public actors

DOMAIN

Harvesting, infrastructure, logistics

Innovation management, hubs, clusters

TYPE OF SOLUTION

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KEYWORDS

Synthetic Cable

Timber Harvesting

Abrasion and Steel Bonding

DIGITAL SOLUTION

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INNOVATION

No

COUNTRY OF ORIGIN

Spain

SCALE OF APPLICATION

--

START AND END YEAR

- 2024

CONTACT DATA

OWNER OR AUTHOR

Operational group (MUCAS)

REPORTER

Aitor Colell

REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.grupboix.com/en/cooperation-for-innovation-improving-the-union-between-steel-wire-rope-and-synthetic-wire-rope-mucas/

PROJECT WEBSITE

https://www.forest4eu.eu/

PROJECT REFERENCE

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RESOURCES

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

FOREST4EU

POST DATE

24 Oct 2024

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