

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	DOMAIN	TYPE OF SOLUTION
2.- Improve infrastructures and capacity of public actors	Harvesting, infrastructure, logistics Innovation management, hubs, clusters	--
KEYWORDS	DIGITAL SOLUTION	INNOVATION
Synthetic Cable Timber Harvesting Abrasion and Steel Bonding	--	No
COUNTRY OF ORIGIN	SCALE OF APPLICATION	START AND END YEAR
Spain	--	- 2024

CONTACT DATA

OWNER OR AUTHOR	REPORTER
Operational group (MUCAS)	Aitor Colell

REFERENCES AND RESOURCES

MAIN WEBSITE	RESOURCES
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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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED
FOREST4EU

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