DFCI (fire defence) forest track network

A network of 42,000 km of DFCI tracks covers Aquitaine. In the Landes de Gascogne, the service network is the largest with 3.38 km per 100 ha of forest. These trails have a dual interest: fire fighting and access to forest sites for forestry equipment. They serve as firebreaks between forest plots and facilitate access to both fire and rescue services and logging operations. These forest tracks were created and are now maintained by DFCI's 241 ASAs (authorized syndical association) as well as private and public owners.

There are currently difficulties in renewing volunteers in these ASAs that lead to a loss of technical knowledge. The legislative and accounting context is becoming increasingly complex, which can become an obstacle to owners' involvement in the management of ASAs.
The regional Association of Aquitaine DFCI leads and accompanies the network of volunteers, particularly in the preparation of grant applications and public contracts.

DCFI's ASAs are registered trade syndical associations of forest owners with the aim of maintaining infrastructure of collective and public interest at common expense. The ASAs are public establishments, under prefectural supervision, managed by the owners. They became compulsory throughout the Landes de Gascogne massif following the 1945 ordinance. An ASA has a delimited perimeter where all owners located inside become members. The ASA has work done to create and maintain tracks, ditches, water points and drilling. A contribution is required from members in order to finance the operation. The rules concerning the eligibility of owners for this contribution are laid down by the ASAs. Taxes average around 2.5 to 3 €/ha/year. Currently 2,500 volunteer forest owners are involved in the ASA, coordinated by the DFCI Aquitaine (association law 1901).

DETAILS

ORIGIN OF WOOD
Forest

TYPE OF WOOD
Stemwood

KIND OF WOOD CONCERNED
Stemwood

IMPACT ON ENVIRONMENT & BIODIVERSITY
All infrastructures respect the articles of the environment code

INCOME EFFECT
NA

EXPLOITATION POTENTIAL
--

HUB
--

ECONOMIC IMPACT
Tax for adherents

MOBILIZATION POTENTIAL
High potential for mobilzation by reducing fire risk and increasing accessibility to forest sites.

SUSTAINABILITY POTENTIAL - VALUE
--

EASE OF IMPLEMENTATION
Medium: ASAs are public institutions but run by volunteers.

EASE OF IMPLEMENTATION - EVALUATION
--

KEY PREREQUISITES
Involve forest owners, communicate the need for runways and their maintenance, fire risk training for silviculturists

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED
--

JOB EFFECT
Facilitating work for forest contractors

COSTS OF IMPLEMENTATION (EURO - €)
--

SPECIFIC KNOWLEDGE NEEDED

NA

MORE DETAILS

CHALLENGE ADDRESSED

--

DOMAIN

Forest management, ecosystem, resilience

Harvesting, infrastructure, logistics

Innovation management, hubs, clusters

TYPE OF SOLUTION

--

KEYWORDS

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DIGITAL SOLUTION

No

INNOVATION

No

COUNTRY OF ORIGIN

France

SCALE OF APPLICATION

Regional/sub-national

START AND END YEAR

--

CONTACT DATA

OWNER OR AUTHOR

REPORTER

info@ardfci-aquitaine.fr

REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.dfci-aquitaine.fr/qui-sommes-nous/missions/amenager

RESOURCES

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PROJECT WEBSITE

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PROJECT REFERENCE

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PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

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Link to Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

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