

investing in your future



Greetings from the
Alpine Space Programme

NEWFOR



The programme is co-funded
by the European Regional
Development Fund

NEWFOR

New technologies for better timber mobilisation in a context of sustainable forest management

Alpine forests are very important ecosystems and are key for the development of the timber industry. Their restricted accessibility, however, often prevents effective management of forest resources.

NEWFOR developed new tools and methodologies to improve mountain forest accessibility, and to ensure better wood harvesting efficiency, while sustainably managing forests. Through the use of remote sensing technology (LiDAR: aerial and terrestrial laser scanning), as well as the use of drones, the project was able to improve the mapping, harvesting, and transport of forest resources in the Alpine area.

Key achievements

- + Forest resources, mapping & quantification tools
- + Forest accessibility & industry connectivity evaluation tools
- + Logistical planning tools and strategies for forest management

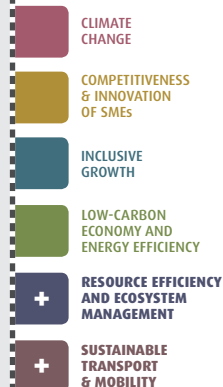
EU support (ERDF) of over € 1,809,000

Duration 09.2011 - 11.2014

Partners

IRSTEA, groupement de Grenoble	FR
Amt der Tiroler Landesregierung	AT
Bundesforschungs- und Ausbildungszentrum für Wald, Naturgefahren und Landschaft	AT
Stand Montafon – Forstfonds	AT
Technische Universität Wien	AT
Eidgenössische Forschungsanstalt für Wald, Schnee und Landschaft, WSL	CH
Bayerische Landesanstalt für Wald und Forstwirtschaft	DE
Institut Technologique Forêt Cellulose Bois-construction Ameublement	FR
Ente Regionale per i Servizi all'Agricoltura e alle Foreste – ERSAF Lombardia	IT
Provincia Autonoma di Trento	IT
Università degli Studi di Padova	IT
Università degli Studi di Torino	IT
Gozdarski inštitut Slovenije	SI
Zavod za gozdove Slovenije	SI

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