

NEWFOR*NEW technologies for a better mountain FORest timber mobilization*

- AS priority area: Accessibility and Connectivity
- Lead partner: National research institut of science and technology for environment and agriculture, Grenoble regional center, Mountain Ecosystem Research Unit, FR
- [Project webpage](#)

Project summary

The role played by mountain forests is extremely varied. Their contributions to the stability and overall development of life and economic factors in mountainous regions are highly significant. Due mainly to topographic conditions, managing mountain forests is significantly more cost intensive than in plain ones. A good knowledge of forest biomass location, characteristics, mobilization conditions and connectivity to wood industry is a prerequisite for the development of a sustainable timber supply chain in mountain territories. This knowledge is currently insufficient to provide at reasonable costs, the required guarantees on the wood supply and on its sustainability. Based on the use of new technologies for forest and topography characterization, NEWFOR is dedicated to enhance and develop tools and adapted policies for decision making in the field of a sustainable and adaptive mountain forest resources management facing the sustainability of mountain forest ecosystems services.

Hypotheses

- [Competition between global and regional economic cycles](#)

Keywords

- [natural resource management](#)
- [accessibility](#)
- [connectivity](#)
- [territorial development](#)

Topics

- [Reducing environmental damage](#)

Results

Result	Category	Language(s)	Target group	Remark
"NEWFOR - Aerial Drones: A way for the generation of remote sensing data"	Methodology	EN, DE	Civil society / citizens	Youtube-Video
"NEWFOR - Aerial Drones: A way for the generation of remote sensing data" , Climate Change Impacts on Alpine Lakes (Part 1), pg. 44ff	Methodology	EN, DE	Civil society / citizens	Youtube-Video

Accessibility of project results

1. [Video: NEWFOR - Aerial Drones: A way for the generation of remote sensing data](#)
2. [Forest Delineation Based on Airborne LIDAR Data, Article in "Remote Sensing"](#)

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