

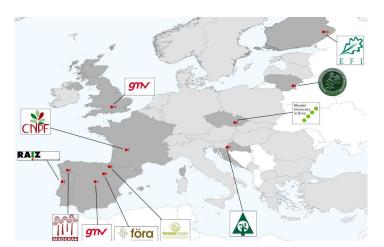


SENSING OPERATIONAL SUSTAINABLE FORESTRY WITH SATELLITE-BASED REMOTE

https://mysustainableforest.com/

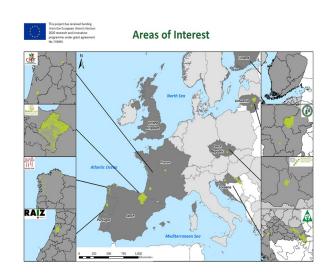
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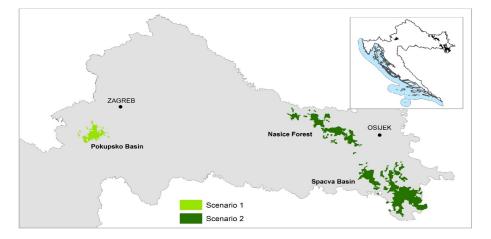
Earth observation services for silviculture

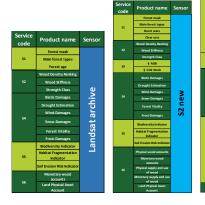




floods and soil erosion.









	Service code	Product name	Sensor
	51	Stand height	VHR SAR
		DEM-Elevation	
		DEM-Slope	
		DEM-Aspect	
	53	§ AGB	
		§ CO2 Stock	
		Watershed Delineation	
		Stream Network	
	SS	Flood Risk Indicator	
		Soil Erosion Risk Indicator	



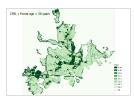


Earth observation services for silviculture

SFM services:

- 1. Forest Site Characterization
- 2. Wood Characterization
- 3. Biomass and CO2 stocking
- 4. Forest Condition
- 5. Ecosystem vulnerabilities
- 6. Socioeconomic Functions and Conditions









WP5 Fully Operational Service Concept & Usability Gap Analysis (CFRI lead)

This task is to drive project results looking into long term added value for End Users and considering their feedback (based on training, demonstration trials and pre-commercial activities) on pending or new needed features, with special interest on enhanced performances or complementary features (e.g. data fusion, etc.). A proposal on prioritized features, derived from such usability gap, for further service concept will be prepared. (SFM SERVICES, BASIC, ENHANCED, ADVANCED)





EU FORESTRY IN THE FUTURE



Digital forest inventory

Sustainable forest management based on the wood quality indicators

Forest emergency management system/rapid change detection (Pest & diseases, natural disturbances)

Forest ecosystems mapping & monitoring

Sustainable forest management enhancing Socioeconomic Functions and Conditions