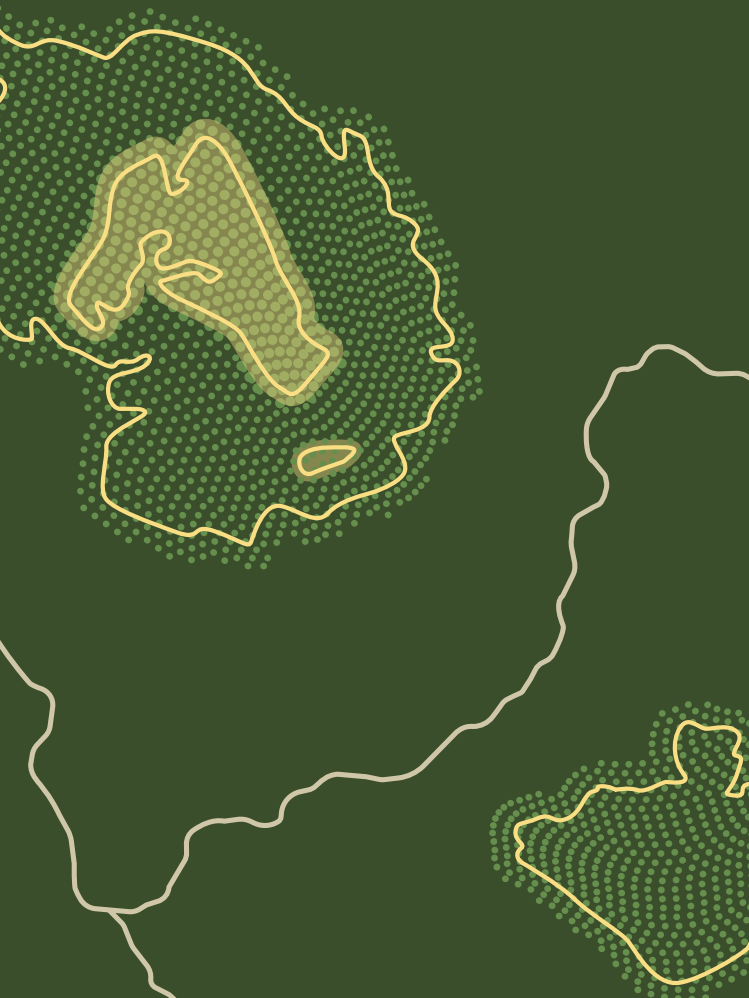




Forest Carbon Monitoring

Solutions for forest carbon monitoring
with high accuracy, reach
and frequency.



About the project

Forests play a crucial role in maintaining our planet's health by supporting ecosystems, protecting biodiversity, and mitigating climate change through carbon storage. However, deforestation and forest degradation threaten these benefits, making accurate forest carbon monitoring essential. **The Forest Carbon Monitoring (FCM) project**, funded by the European Space Agency, **develops tools that combine satellite imagery with on-the-ground data, enabling more reliable and affordable tracking of forest biomass and carbon levels.** By leveraging cloud technology, this initiative makes it easier for governments and businesses to monitor carbon and protect forests, supporting global efforts to mitigate the effects of climate change.



Main objectives

Support Sustainable Forest Management with Earth Observation (EO) based data to optimize practices and reduce carbon emissions.

Strengthen carbon trading and regulatory monitoring by offering statistically robust approaches for carbon footprint calculations and ensuring accountability in transactions.

Enhance the accuracy of EO based methods to support forest biomass monitoring in under-sampled areas.

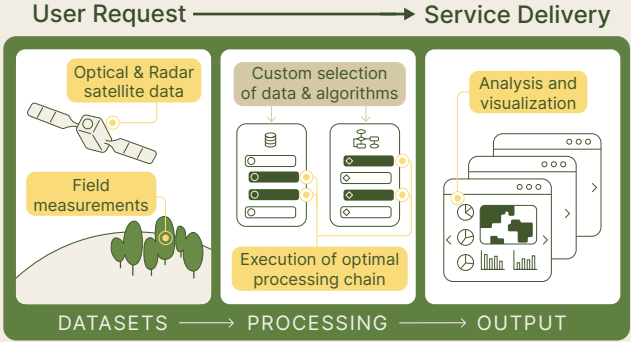
Facilitate global collaboration by providing international organizations with consistent forest data over large geographical areas to support policy-making and research.

Help mitigating climate change impacts, deforestation, forest degradation and improper land use.

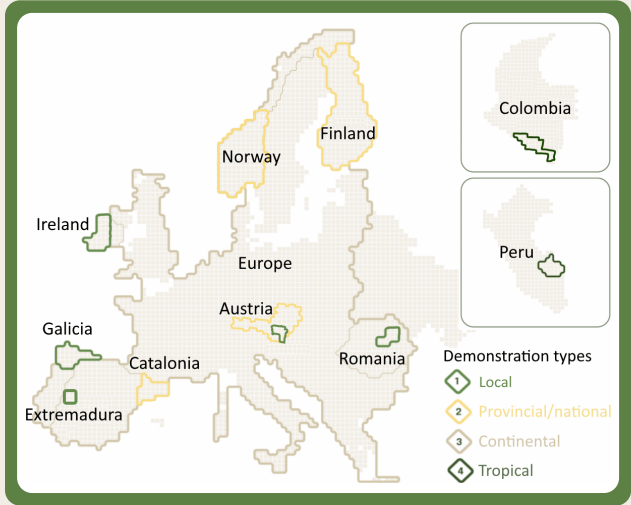


The FCM Platform

Our services are designed for forest owners, managers, regional and national administrators, carbon traders and international organizations.



We conduct use case demonstrations at the local, regional, national and continental levels.



We offer three types of products to support forest biomass and carbon monitoring:



Forest Structure
Variables



Biomass and
Growth Metrics



Change Tracking

Partners



Funded by



Contact

Visit our website and go to the product portal for demonstrations on regional, national and European level!



 forestcarbonplatform.org

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