



Use Case 2B

Forest biomass monitoring: carbon sink assessment for the carbon credit industry

Use Case 2B develop tools for **forest biomass monitoring**, crucial for **carbon projects assessments**. Led by GlobeEye, it models Above Ground Biomass to **track carbon stocks** across large forested areas, with a primary focus on the Amazon basin. **High-resolution data** will provide detailed carbon estimations for **conservation projects**, aiding **carbon offset assessments** and **supporting international climate goals** like the Paris Agreement and the UN Sustainable Development Goals. This approach promotes sustainable forest management and contributes to **global carbon reduction efforts**.

For collaboration, contact **GlobeEye** (research@globeeye.eu).





ThinkingEarth

Copernicus Foundation Models for a Thinking Earth

ThinkingEarth will utilise AI to create Copernicus Foundation Models and a Graph representation of the Earth. Four Use Cases are being developed under the project.



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Funded by the
European Union

This project has received funding from the European Union's Horizon Europe Research and Innovation Program under Grant Agreement number 101130544.