Showcase
Impact monitoring for banks in Latin America

Latin American countries have committed to ambitious forest landscape restoration targets, which play a key role in achieving their Nationally Determined Contributions under the Paris Agreement. Significant private sector investments are needed for this.

We develop smart and easy to monitor indicators for agricultural banks who have agroforestry and restoration loans and want to demonstrate their green impact. We cover land use change, sustainable practices, CO2 and farm economics and develop a tailored tool for financial intermediaries.

Countries
Paraguay, Peru and El Salvador

Period
03/2019 – 02/2022

Client
Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit (BMU)
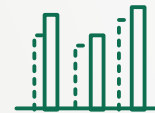
Our digital solutions

Collect

- Data collection – a customized app was created for a gps measurements, farm household data and farm management practicies

- Automated GPS tracking

- Direct synchronization of the data to the server

- Plausibility checks in the field

Analyze

- Spatial evaluation with time series analysis of deforestation and afforestation

- Analysis of sustainable land management practices

- CO2-Sequestration

- Yield gain analysis

Monitor & Report

- Visualized reports on deforestation and afforestation, CO2 sequestration and yield gains

- Automated investment reporting

- Web GIS module displaying farm areas