

Empowering Agroforestry from Space

Tackling the challenges of agroforestry carbon farming, using a scalable, trustable and easy-to-use application.



UNLOCKING

Agroforestry is an emerging carbon farming method to meet net-zero demands. Space4Good and the Louis Bolk Institute developed CarboCatch, a data-driven monitoring and management platform to unlock and enable both new and ongoing agroforestry projects in the Netherlands.

POTENTIAL

- **Space4Good** leverages the power of remote sensing, GIS and AI to develop solutions for social and environmental impact.
- The **Louis Bolk Institute** is the knowledge institute for sustainable agriculture, nutrition and health in the Netherlands.



CHALLENGES



In-field measurements

- Expensive
- Manual (unscalable)
- Inconsistent



Carbon credit market

- Lack of trust & transparency
- Unknown quality
- Unmet growing demand

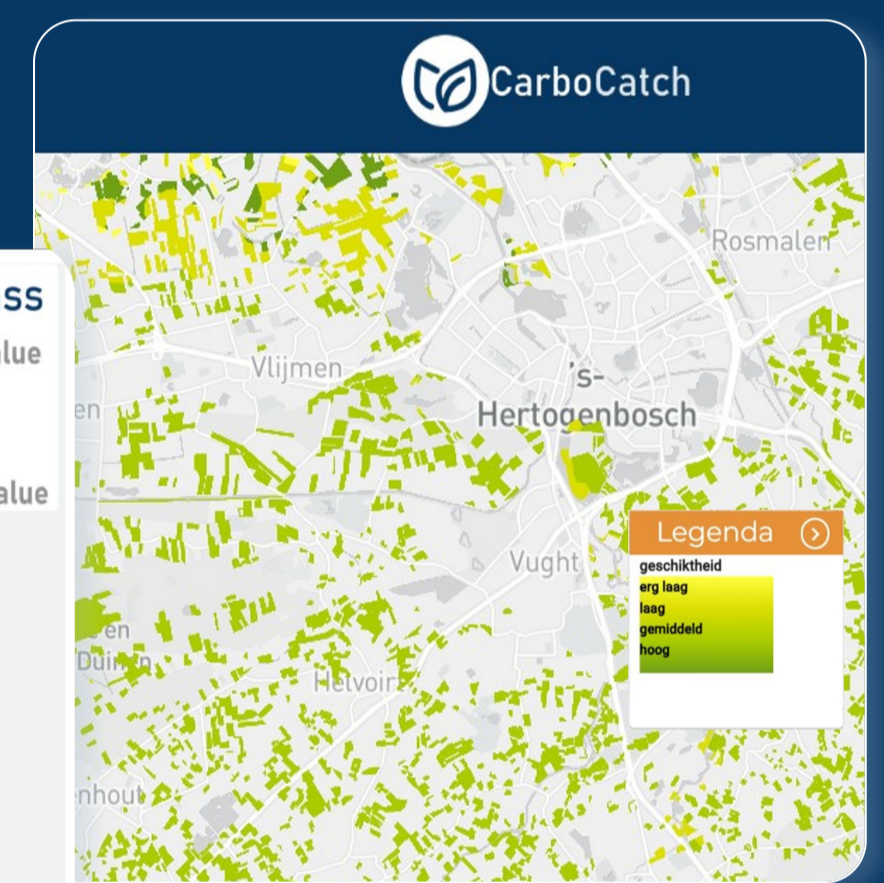
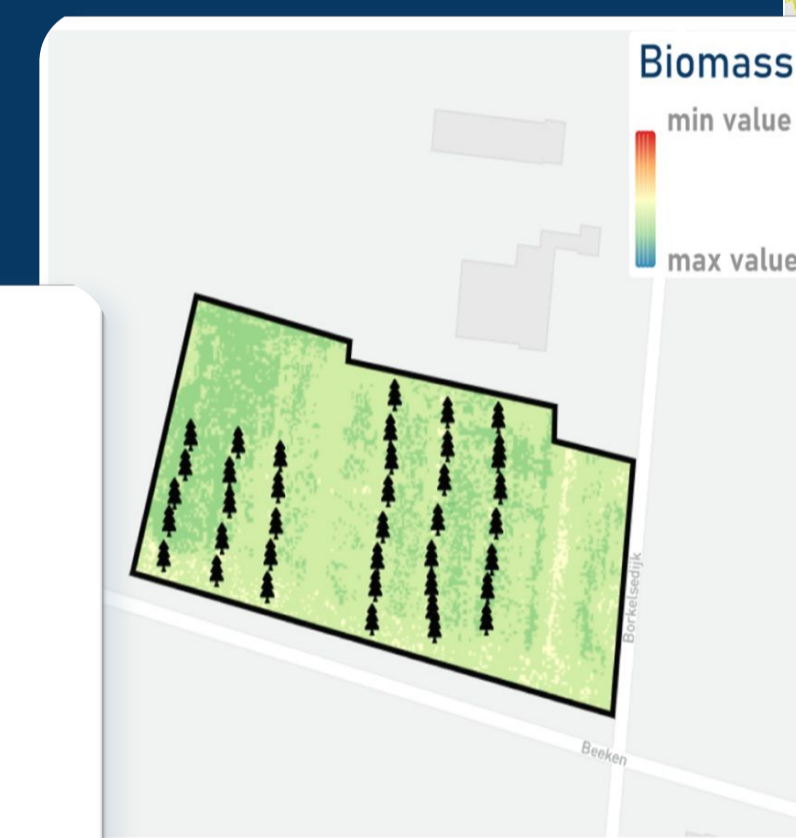


Project developers

- Lacking expertise
- Inadequate tools
- High certification costs

CarboCatch

- Plot based analysis
- User friendly application
- Biomass mapping using remote sensing & AI
- Current & potential carbon uptake per plot
- Suitability analysis
- Scalable design

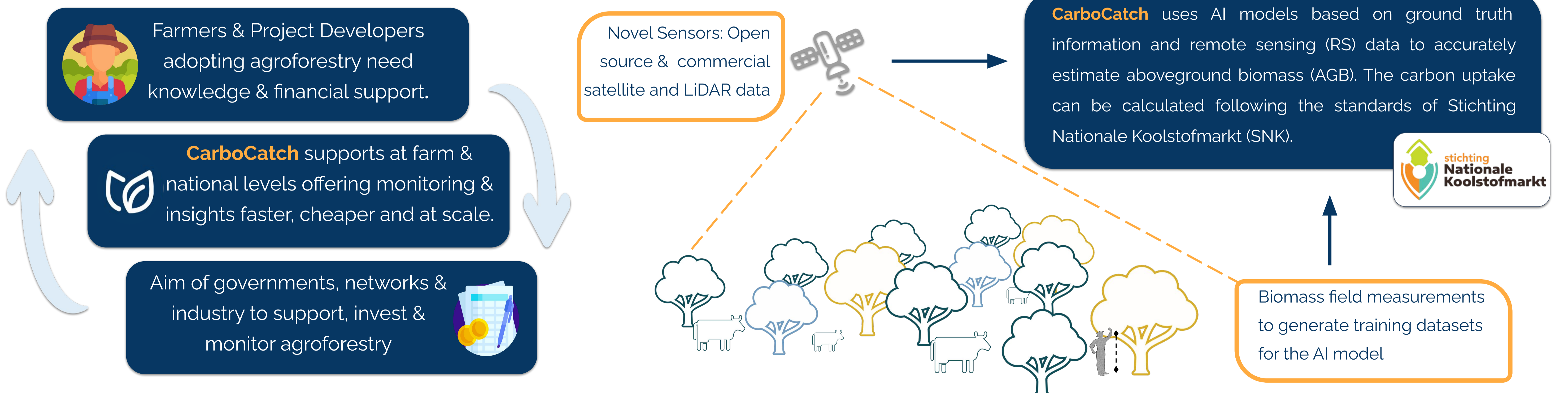


BETTER
Biomass Monitoring

EASIER
Reporting

CHEAPER
Carbon Verification

UNLOCKING POTENTIAL
Carbon Business Case



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Interested to pilot?
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