



DIGITAL DRYADS

by Aiception

AICEPTION

Revolutionize Forestry Management with Digital Dryads

Aiception presents **Digital Dryads**, the first-place winner of the EU competition for innovative satellite monitoring solutions. Harnessing the power of satellite data, AI, and computer vision, Digital Dryads transforms the way forests in Europe are monitored and managed.

- **AI-Powered Tools:** Advanced analysis and prediction for forest and crop health.
- **Optimized Logistics & Security:** Streamlined operations and asset protection.
- **Satellite Monitoring & IoT:** Continuous oversight and predictive maintenance.
- **Compliance:** Ensure compliance with EUTR, EUDR regulations for sustainable sourcing.

Embrace the future of forestry with **Digital Dryads**. Transform the monitoring, management, and protection of your forests with our state-of-the-art technology.

Machine Learning for Crops and Forests

Digital Dryads integrates multispectral satellite and aerial imagery with advanced machine learning algorithms to offer real-time insights and foresight for forestry and agriculture.

Our Solution:

- Data Integration: Combines satellite and aerial imagery for comprehensive analysis.
- Proactive Alerts: Monitors tree/crop health, stress, diseases, pests, drought, and illegal harvesting.
- Real-Time Updates: Provides maps, reports, predictions, and warnings.

Benefits:

- Health Monitoring: Early detection of issues.
- Disease & Pest Management: Proactive identification and control.
- Security Enhancements: Alerts on illegal activities.

Stay ahead with Digital Dryads. Monitor, analyze, and protect your forests and crops using our innovative technology for a sustainable future.

Let's talk!

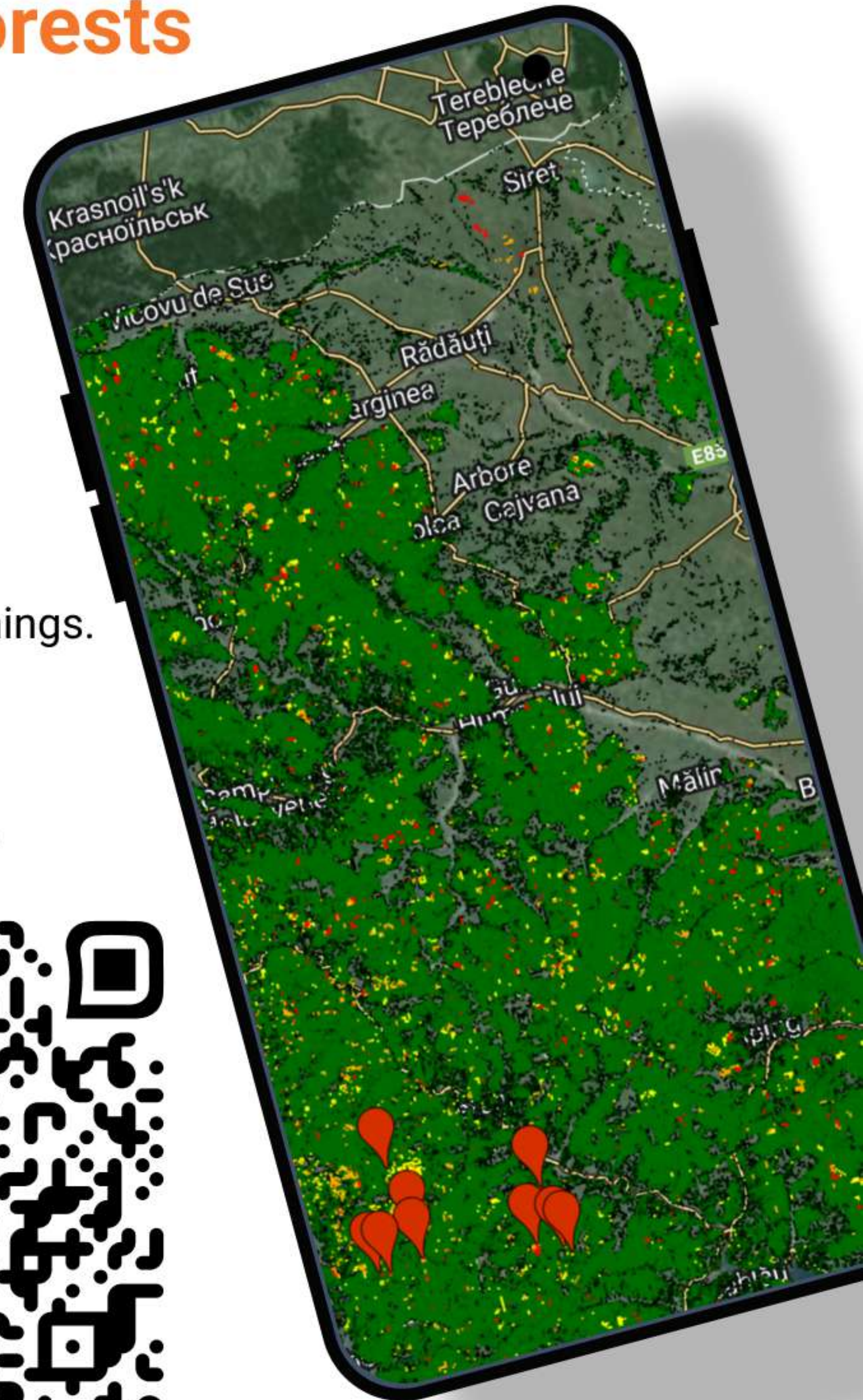
<https://digital-dryads.eu>

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AICEPTION

AI for humanity

**Any sufficiently advanced technology is indistinguishable from magic.
Arthur C. Clarke**

Add magical Machine Learning to your business. We help you research, develop, and securely integrate state-of-the-art artificial intelligence, machine learning, and deep learning algorithms into your existing products and services or create brand-new opportunities.

Unreasonable effective A.I. at your service:

- **Machine Learning and Deep Learning:** We design systems that automatically learn and improve from experience, enhancing sales, churn, customer segmentation, forecasts, predictive maintenance, credit risk, classification, and prediction.
- **Computer Vision:** Use our advanced algorithms to recognize or segment objects in pictures and accelerate your business.
- **Big Data and Cloud:** We provide scalable, cost-effective, flexible cloud solutions for your data warehousing and processing needs.
- **Data Insights:** We uncover the hidden patterns in your data.

Own Products

- **Aiception PrevX (Industrial IoT & PdM)**
A platform for Industry 4.0 and IoT, aimed at predictive maintenance in manufacturing and industrial settings.
- **Digital Dryads (forestry)**
A satellite data-based platform for monitoring environmental changes, focusing on forest cover and illegal deforestation.
- **Wood Watcher (forestry)**
An application for counting and estimating the volume of wood, used to monitor timber transport and prevent illegal logging.
- **Predictive Justice RO (fintech)**
A predictive solution that analyzes Romanian jurisprudence to estimate the chances of winning court cases, providing valuable insights to banks and other legal stakeholders.
- **Balanta Buddy (fintech)**
An automation solution for extracting and verifying data required for scoring in credit solutions, used by banks and non-banking financial institutions.

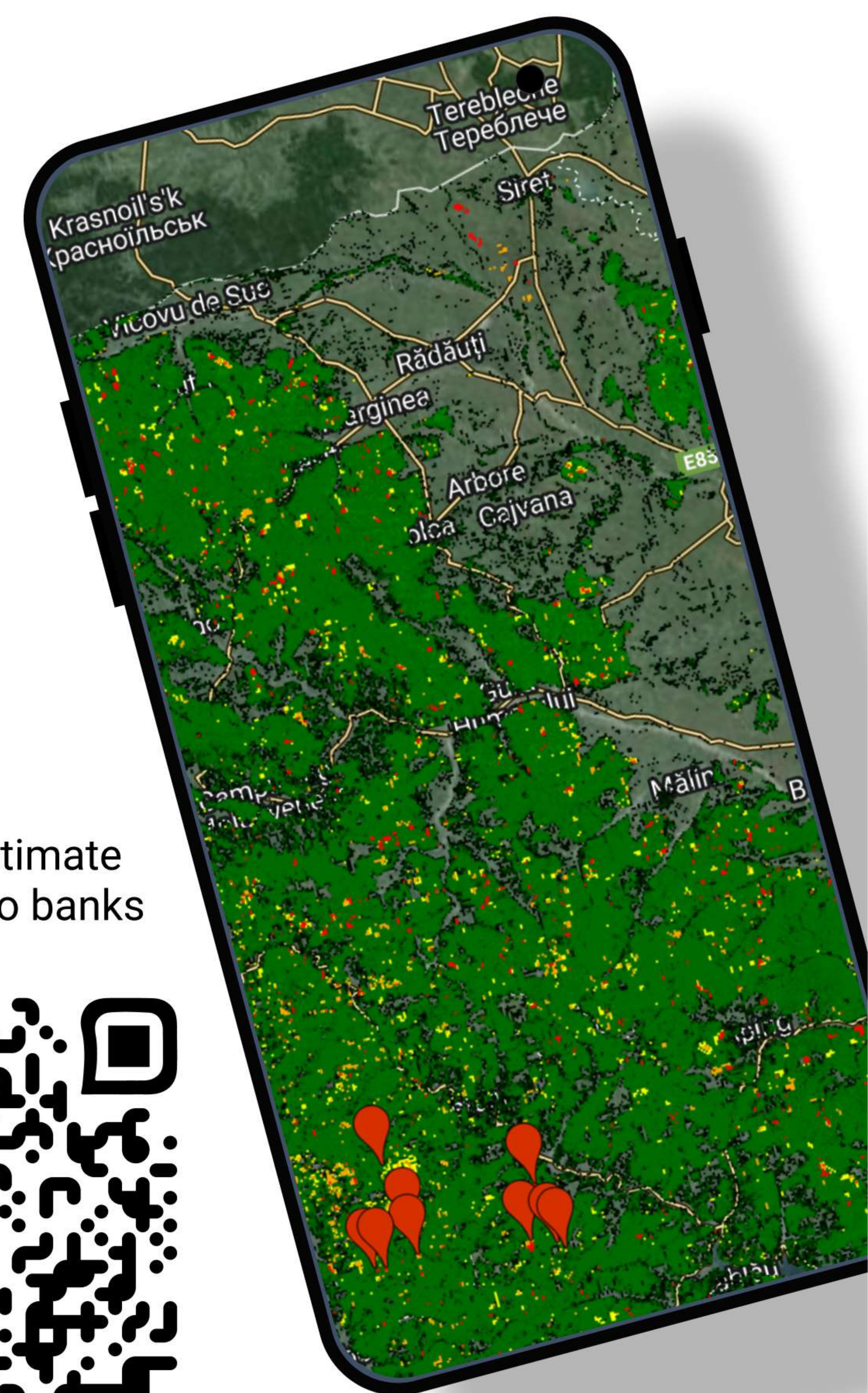
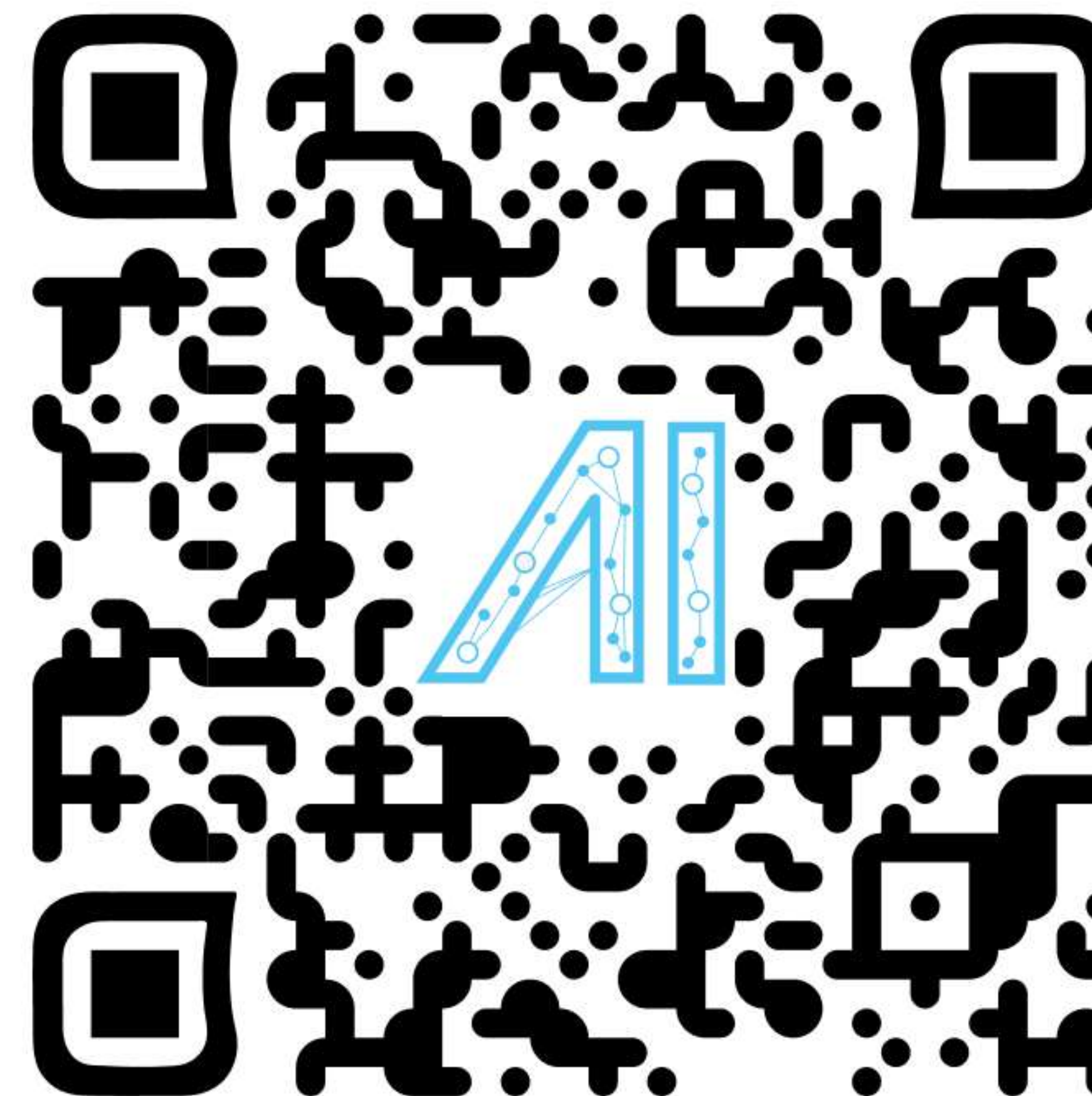
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Wood Watcher



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<https://woodwatcher.app>

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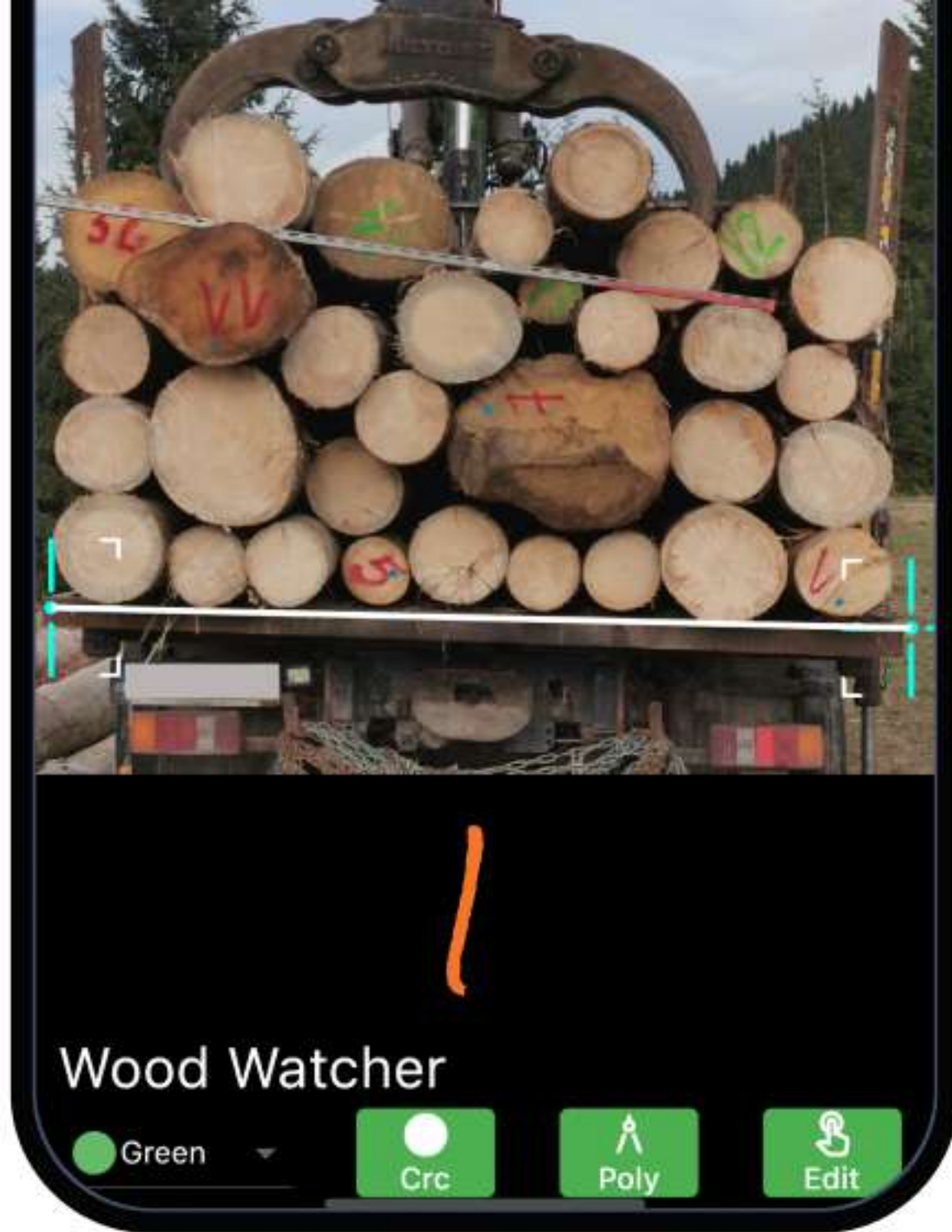
Revolutionizing Wood Measurement and Monitoring

Wood Watcher offers a comprehensive digital solution for accurately measuring wood piles and monitoring wood transports using the convenience of your Android, iPhone, or iPad.

Traditional manual methods of measuring wood volume are labor-intensive and time-consuming. With Wood Watcher, you can effortlessly measure volumes digitally in just minutes using your smartphone.

Recognized as a best practice in Europe by ROSEWOOD 4.0, Wood Watcher has a user base of over 10,000 forest owners, forestry engineers, sawmills, primary wood processors, and stakeholders across the entire wood supply chain.





Simply take a photo of a woodpile or timber transport with your smartphone or tablet.

Instant Report Generation: Receive a report detailing: number of logs, precise volume, individual diameters, pile density, pile height, and the unique digital fingerprint QR code.

Enhanced Features: Include transport id, transport source and destination, tree species, and GPS coordinates. Use the integrated Wood Watcher Inventory System or integrate it with your company's existing inventory and management system.

Your Benefits

1. Time Efficiency

2. Costs Savings

3. Instant Reports

4. Reduce human input errors

5. Customer Satisfaction

6. Real-Time Inventory

7. Digital Transformation

8. Compliance EUTR EUDR