

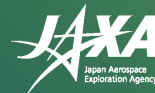
Certified



Corporation



*"Environmental Insights for
Impactful Action"*



Satellite Intelligence for Smarter, Safer and More Sustainable Cities

ESA-Japan Smart Cities Event

24 September 2026



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About Us

Social Enterprise based in Den
Haag, The Netherlands
Decision support for governments
& businesses
Mission: space for positive impact



Remote Sensing



Geoinformation



Artificial Intelligence

Offerings

- Remote sensing data
- Geospatial data analytics
- Models & Predictions
- Monitoring & Reporting
- Products & Bespoke Solutions
- Platforms & APIs
- Capacity Building

Our Services:

- Smart cities
- Climate resilience
- Sustainable infrastructure
- Nature & ESG monitoring



Smart Cities

- Urban heat mapping
- Green infrastructure
- Land-use monitoring
- Digital twins support
- Infrastructure monitoring

Natural Disaster Resilience

- Floods, Wildfires & Landslides
- Damage assessment
- NBS and Agroforestry
- Early warning support (e.g. Deforestation)



S4G Selected Projects



Paved & Unpaved



German
Municipalities



Solution:

Paved/Unpaved mapping

Context:

City districts in Germany

Data:

High resolution aerial imagery and vegetation indices thresholding

Users:

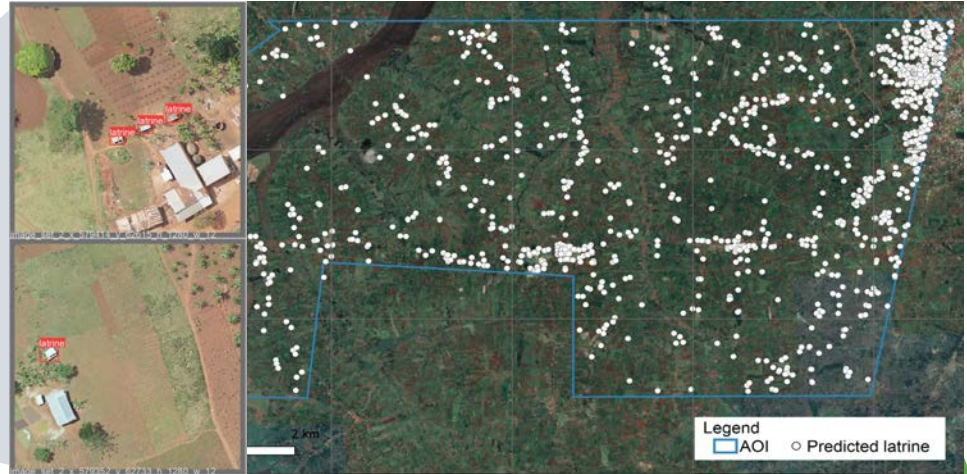
Municipalities

Output:

Binary Map and statistics for each property



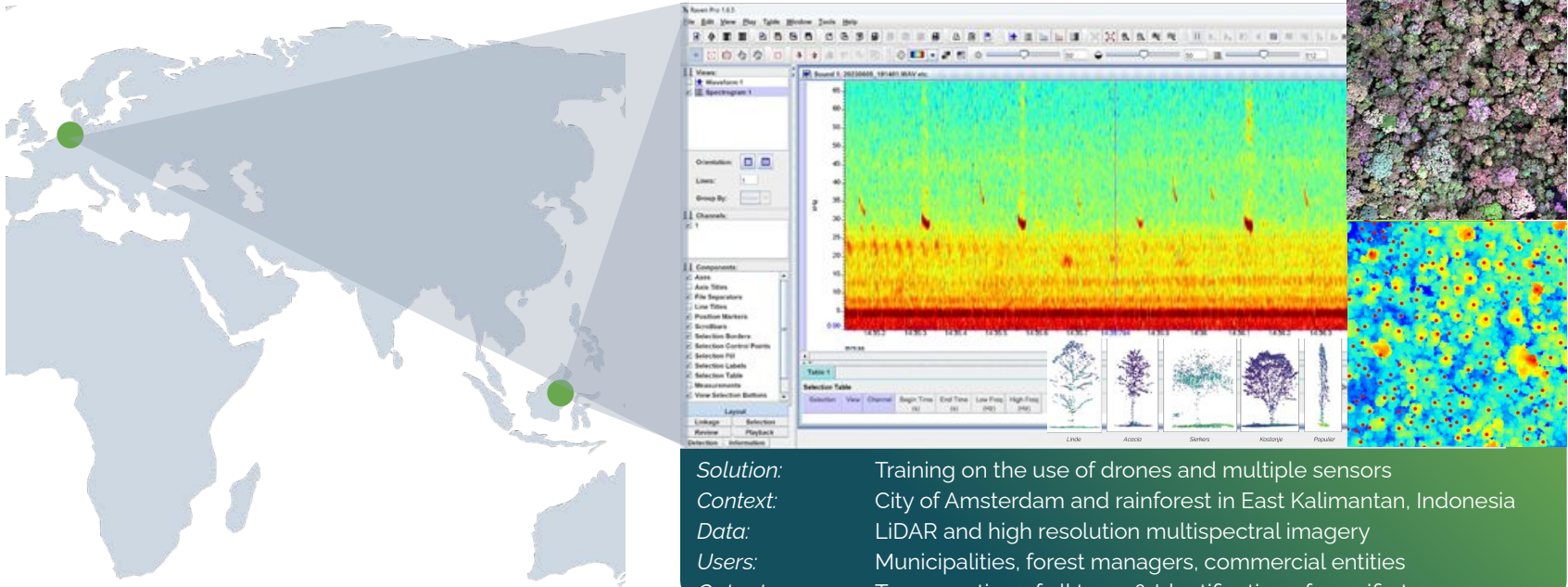
Latrines Detection



<i>Solution:</i>	Latrine detection and counting
<i>Context:</i>	Facilitation of health infrastructure programmes and development
<i>Data:</i>	UAV data and deep learning-based algorithm
<i>Users:</i>	NGOs, Municipalities
<i>Output:</i>	Latrines maps, heatmaps and predictions

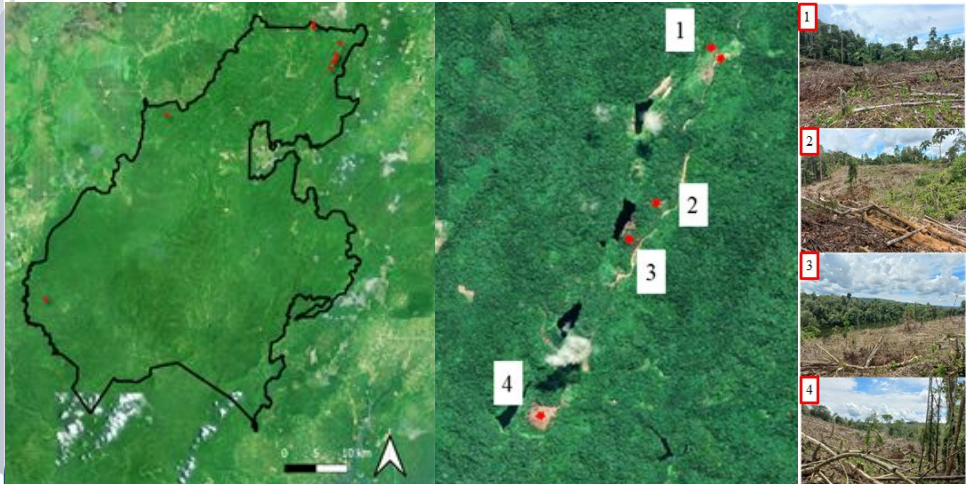
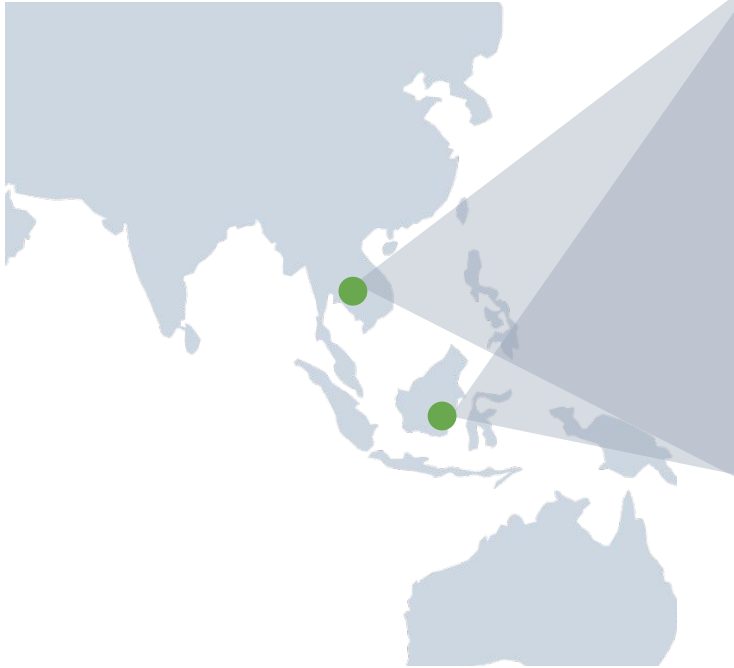


Tree Inventory & Counting





Deforestation, Biomass and Biodiversity



Solution:

Deforestation detection & prediction

Context:

Tropical forestry & agroforestry

Data & Tech:

Radar & Optical Satellite Data with machine learning

Users:

Forestry companies, NGOs, Public authorities

Output:

Historical analysis, near real time alerts & predictions

AMNESTY
INTERNATIONAL



ARSARI
GROUP



Collaboration Opportunities

Pilot projects

Co-development

ESA-JAXA opportunities

Municipalities, industry
& academia



Why Japan?

- Smart cities leadership
- Disaster resilience
- Digital innovation
- Opportunities for joint EO services





Existing Partnership



**SPACE TECH
ACCELERATOR**

- Strategic MoU with Japan Space Tech Accelerator
- Knowledge exchange
- Joint market development
- Expand partnerships across Japan





Let's build the next generation of satellite-driven cities together!



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