Discover Opportunities in Geodata and Earth Observation for Agri-Food and Water in Indonesia and Malaysia

Agriculture in Indonesia and Malaysia is undergoing a digital transformation, presenting significant opportunities for Dutch businesses and institutions. Despite some progress, large parts of the agricultural sector in both countries are still behind on digitalization, creating a unique space for Dutch solutions in areas such as smart farming, transport, logistics, and market access. This trade mission will focus on leveraging open-access satellite data and geodata to drive sustainable, climate-resilient agriculture.

Why Join the Mission?

Satellite data and new ICT technologies can help fasten the digital transformation of agriculture and food value chains in Indonesia and Malaysia and presents a unique opportunity for Dutch geo-ICT businesses. These nations face challenges such as limited digital infrastructure, fragmented spatial data systems, and low adoption of technology in agriculture. However, this also creates room for innovation and collaboration.

Participating in this trade mission will enable you to:

- Connect with key stakeholders in the Indonesian and Malaysian agricultural sectors.
- Explore opportunities for implementing Dutch expertise in geospatial solutions and digital infrastructure for agriculture, climate, land and water.
- Build partnerships that contribute to food security, climate resilience, and sustainable value chains and landscapes.

Practical information

This mission is intended for businesses, knowledge institutions, and government organizations involved in geodata, agriculture technology, and sustainable development. Join us in exploring how Dutch solutions can contribute to a more resilient and sustainable agricultural sector in Indonesia and Malaysia.

Costs

Participation costs €500 excluding VAT per organization (max. 2 people). Each participant must register separately.

Travel and accommodation are not included. RVO is not liable for cancellation costs. Companies must fit the mission's scope.

Trade Mission Geodata and Earth Observation for Agri-Food and Water in Indonesia and Malaysia

- Date: 24–28 February, 2025
- Locations: Jakarta (Indonesia) & Kuala Lumpur (Malaysia)
- Objective: Build a collaborative ecosystem using geospatial data and satellite imagery to enhance food security and climate-resilient value chains.

Register

Contact information

For questions about the Geodata & Earth Observation mission, please feel free to contact Fae van der Jagt at fae@handelsroute.nl

The Geodata & Earth Observation for Agri-Food Mission is organized by RVO, the Netherlands Embassies in Jakarta and Kuala Lumpur, The Ministery of Agriculture, Fisheries, Food Security and Nature (LVVN) and the Netherlands Space Office (NSO).

Opportunities in the region

A closer look

Business Opportunities in Indonesia

- Digital tools to improve smallholder farmers' access to weather forecasts, market prices, and agricultural insights.
- Base map and geo-data for large agricultural initiatives.
- Precision farming solutions for industrial agribusinesses.

Promising Projects:

- Developing a base map involves creating foundational geospatial data layers essential for agricultural planning and land management.
- Track and traceability systems for agricultural products.
- Pest and disease monitoring tools.
- Integrated Land Administration and Spatial Planning (ILASP) program by the World Bank.

Business Opportunities in Malaysia

- Collaborative opportunities with government initiatives like the National Agrofood Policy and Digital Economy strategies.
- Digital marketplaces such as Lazada and Agro Bazaar Online to connect farmers with consumers.
- Precision agriculture systems leveraging sensors, drones, and AI for yield optimization.

Promising Use Cases and Stakeholders:

- Sustainable greenhouse horticulture in Cameron Highlands.
- Base map development for palm oil smallholders in Sarawak and Sabah.
- Collaboration with Malaysian Palm Oil Board (MPOB) for EUDR compliance.
- Partnerships with the Pineapple Board, Durian Planters Association, and Paddy Board.

Draft Mission Itinerary

Day 0: Sunday, 23 February

- Arrival at Jakarta International Airport (CGK).

Day 1: Monday, 24 February - Jakarta, Indonesia

- Morning: NL–Indonesia Forum with opening speeches from the Ministry of Agrarian Affairs and Spatial Planning (ATR/BPN), ANGIN, World Bank, and the Indonesian Geospatial Information Agency (BIG).
- Afternoon: Networking lunch and expert tables on topics such as precision farming, land-use management, and track-and-trace systems.
- Evening: Walking dinner.

Day 2: Tuesday, 25 February - Jakarta/ Kuala Lumpur

- Morning: Site visits to Ministry of Agrarian Affairs, LAPAN, and BIG in Cibinong.
- Afternoon: Travel to Kuala Lumpur, Malaysia.

Day 3: Wednesday, 26 February - Kuala Lumpur, Malaysia

- Morning: NL–Malay & Thai Business Forum with local keynote speakers discussing the latest developments in Malaysia and Thailand.
- Afternoon: Networking lunch and expert tables on water management, agriculture, and data registration.
- Evening: Walking dinner at the Residency of the Ambassador or a nearby restaurant.

Day 4: Thursday, 27 February - Kuala Lumpur, Malaysia

- Morning: Site visits to palm oil plantations and smallholder farmer sites with GIS teams from Solidaridad.
- Afternoon: Wrap-up and evaluation.
- Evening: Return flight to Amsterdam.

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