

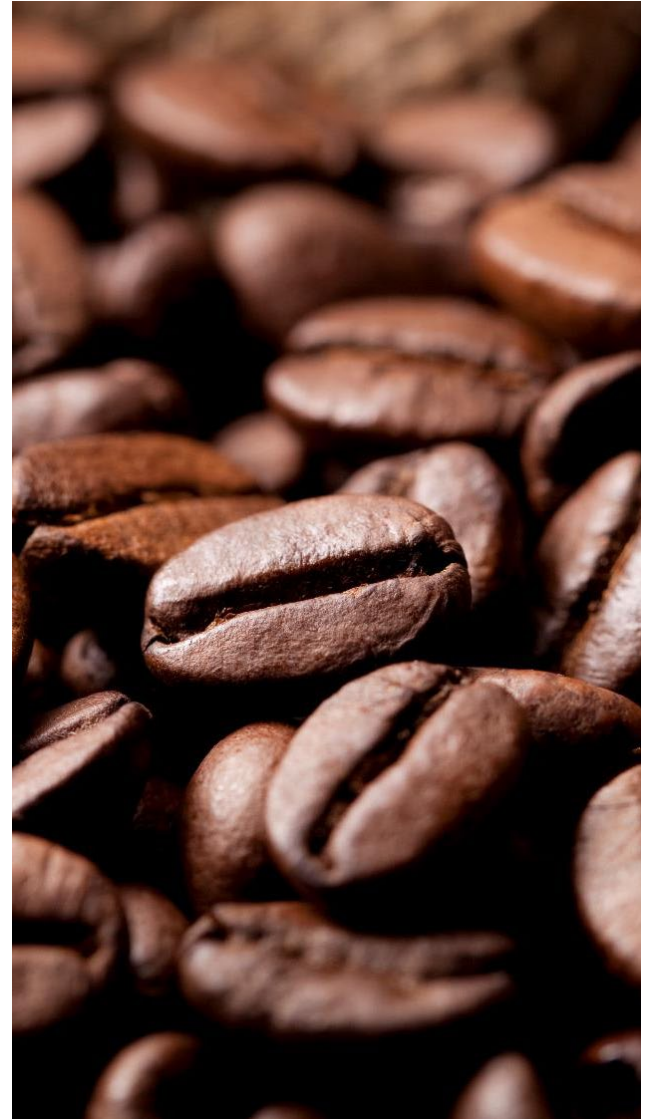
Empowering Smallholders and Cooperatives Under the EUDR Framework

Koimé Kouacou

Co-Founder, VEO Partners &
CEO, Beetle FohTech

EU Regulation on Deforestation -Free Products

- EUDR is a Groundbreaking environmental legislation
- EU responsible for 10% of global deforestation¹
 - Commodities: Palm oil, soy, cocoa, coffee, wood, rubber, beef
- Cut-off date: December 30, 2024
 - Products must be proven deforestation-free



¹ <https://www.europarl.europa.eu/news/en/press-room/20230414IPR80129/parliament-adopts-new-law-to-fight-global-deforestation>

EUDR Definitions

- Deforestation: Conversion of forested land to agriculture
 - Includes human or natural activities
- Forest degradation: Significant changes to forested land
 - Primary to plantation forests
- Key date: December 31, 2020
 - Land conversion after this date = deforestation/ degradation

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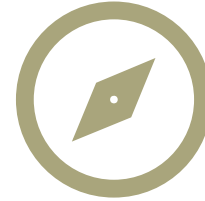
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EUDR Compliance Steps



To comply, products must:

- Be deforestation-free (land not converted after Dec 31, 2020)
- Be produced legally in the country of origin
- Be covered by a due diligence statement



Due Diligence Process:

1. Collect information (geolocation, quantity, etc.)
2. Assess risk (compliance with rules)
3. Mitigate risk (if non-compliance is detected)

Impacts of EUDR on Smallholders

- High compliance costs
- Lack of resources and infrastructure
- In Uganda, only 10% of coffee producers have mapped farmland²
- Risk: Traders prefer larger farms, marginalizing smallholders



² <https://www.coffee-partners.org/media-lounge/press-release-smallholder-coffee-farmers-need-adequate-structures-enough-time-and-financial-resources-to-comply-with-eudr>

INI – Precision Mapping Solution

- Challenge: Small plots and fragmented production
- Canopy of agroforestry systems
- Solution: Ini GNSS Device

High precision, low cost

Uses Galileo and other satellite systems

Accurate land mapping for EUDR compliance



INI Geolocation

- Smartphone accuracy: ~4.9 meters accuracy in open sky
 - Often relies on Wi-Fi/cell tower triangulation
 - Often inaccurate in remote agroforestry settings
- Inl GNSS: Consistent high precision
 - Ideal for mapping in forested, remote areas



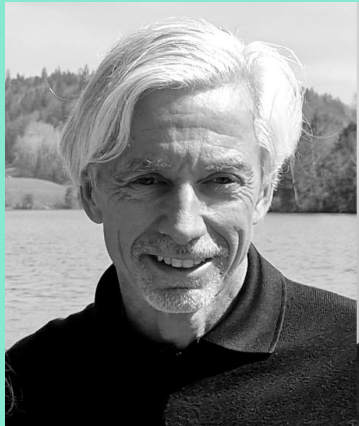
INI in Action

- UNICOPACI in Côte d'Ivoire
 - Established traceability practices
- Huye Mountain Coffee in Rwanda
 - Processes yields of 1,003 smallholder farmers
 - Made fully EUDR-compliant
- The GeoFarmer platform by CIAT
 - Real-time satellite monitoring
- Ensuring smallholders stay compliant and maintain market access





BEEETLE FORTECH



veo
partners



Thank you!

Koimé Kouacou

Co-Founder, CEO

koime.kouacou@beetlefortech.com

www.beetlefortech.com

www.veo-partners.de