Blockchain at the Border
An Exploration
We are surrounded by the drumbeat of disruption, but has Reality caught up with the Hype?
Blockchain pilot aimed at SMEs and entrepreneurs

- Can Blockchain simplify the business environment for export?

- Can Blockchain increase access to finance?

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The project

Vietnam

Coffee supply chain

Customs and other government agencies

Private sector counterparts

Cross-disciplinary WBG team + Provenance

Batch ID EUR.201.315.18

All locations confirmed within Vietnam

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Workshop in Ho Chi Minh City

175+ participants
Key themes – blockchain, gender, entrepreneurship, disruption
Interactive, hands-on

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### Prototype

**Customs verification of product origin**

**New smart contract at customs**

**View associated documents**

**Declaration of Origin**

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**CONSIGNEE**

N/A

**EXPERTE**

KCN BIEN HOA 2, PHUONG LONG, BINH, THANH PHO BIEN HOA, TINH DONG NAI, VIET NAM

**CERTIFICATE USED IN PREFERENTIAL TRADE BETWEEN**

Vietnam AND European Union

**COUNTRY, GROUP OF COUNTRIES OR TERRITORY IN WHICH THE PRODUCTS ARE CONSIDERED AS ORIGINATING**

Vietnam

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All actors (i.e., farmer, collector, trader, processor/exporter, GDVC) will have a user ID on the provenance system that records and tracks their supply chain activity on the blockchain.

Claims and Proof of Origin are preserved when batches are consolidated, transformed and transferred by actors.
Results of the prototype – 2 main lessons

Lessons learned from other cases

Cost benefit of blockchain in our scenario and beyond

Policy/ regulatory environment

Scope for intervention

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Looking ahead

- Customs
- Supplier finance
- Ecosystem
- Gender
- Logistics
- And more!
For more information

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