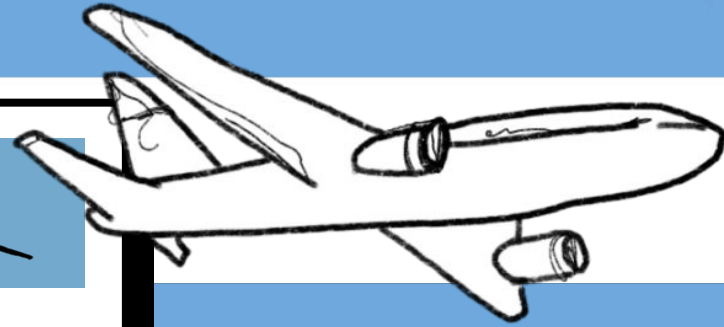


TRADE LOGISTICS INFORMATION PIPELINE

Improving trade with distributed
ledger technology



Understanding Trade



| PACKING LIST | |
|------------------------|-------|
| Company Name | |
| Street Address | |
| City, State, Zip | |
| Ship From: | |
| Company Name | |
| Company Street Address | |
| City, State, Zip | |
| Consent Name: | |
| Name | |
| Shipping Method | |
| Customer P.O. # | |
| Item Description | |
| Quantity | |
| Item 1 | 1,000 |
| Item 2 | 1,000 |
| Item 3 | 1,000 |
| Item 4 | 1,000 |
| Item 5 | 1,000 |
| Item 6 | 1,000 |
| Item 7 | 1,000 |
| Item 8 | 1,000 |
| Item 9 | 1,000 |
| Item 10 | 1,000 |

African Coffee Development Authority
KOMO SERYATA INTERNATIONAL AIR
Notification
STORAGE GRACE PERIOD IS 9 DAYS
IMPORTATION PERIOD IS 90 DAYS
AGENTS: KIPED
RELEASED
APR 25 2018
CUSTOMS

KEBS
Application Status
Applicant Details
Consigner Details
Importer Details

UGANDA COFFEE DEVELOPMENT AUTHORITY
QUALITY CERTIFICATE
Export
Number of Bags
Type
Grade
Defective beans count %
M.C. %
Approximate screen sizes
Colour (Raw appearance)
Roast
Cup taste
Representative sample size

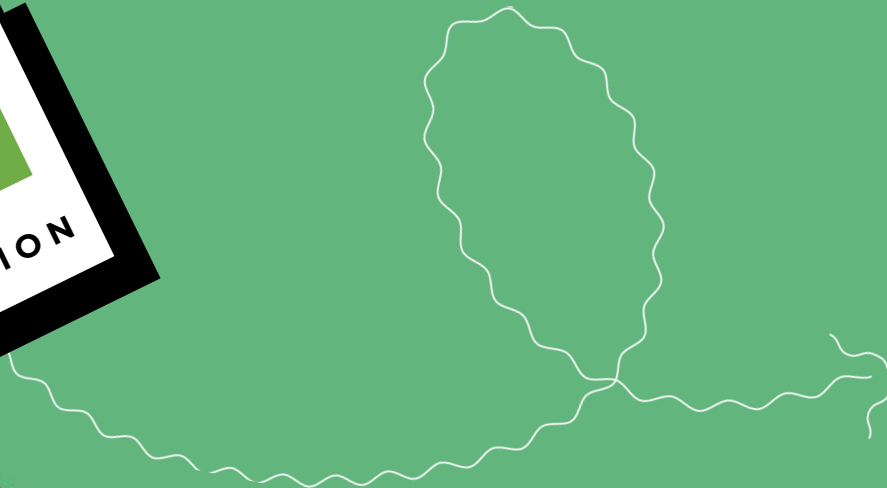
KEBS
PRE-EXPORT CERTIFICATION OF COFFEESHIPMENT

BANK OF AFRICA
Customer Copy
AA
072100
BANK OF AFRICA Receipt
Number Registration Number
PROCESSED DATE
CURRENCY
PRINCIPAL BANK

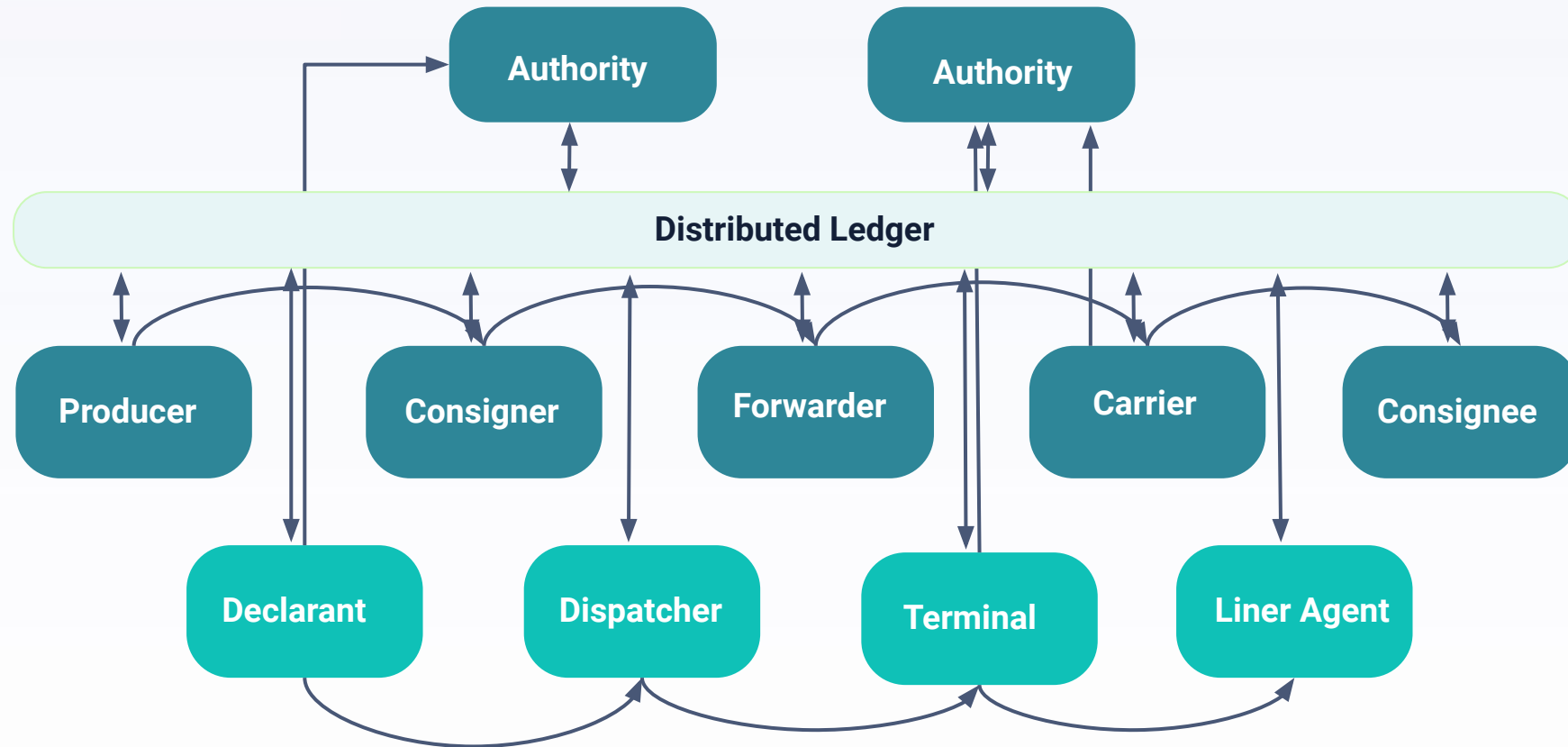
Kenya Certificate of Origin
No. AA
19 APR 2018
Customer signature

VISION

**IMAGINE THE SUPPLY CHAIN
IS ONE ORGANIZATION**



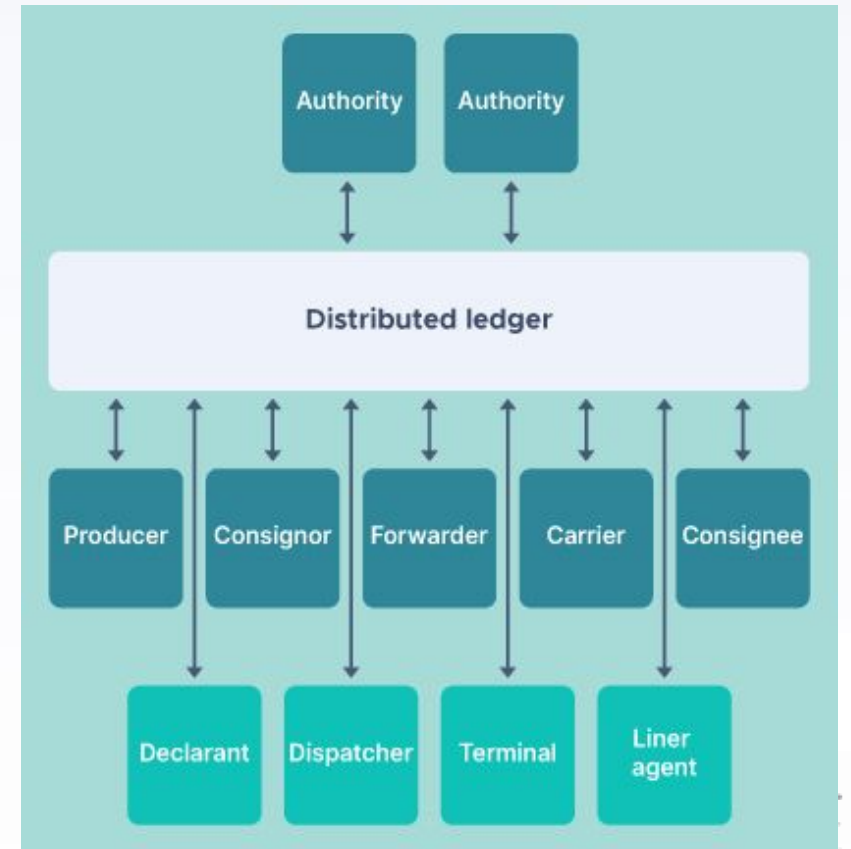
DLT Enabled Communication



TLIP introduction

The TLIP platform aims to act as a thin software layer that should help to:

- Become a **transaction layer** to connect existing systems and data stores between agencies and traders in both origin and destination markets
- Create an information sharing infrastructure, where all the actors have **higher visibility and traceability** on consignment status and trade certificates + related data
- Ensure that information is **shared and trusted**, its immutability guaranteed and the authenticity of its source is verifiable

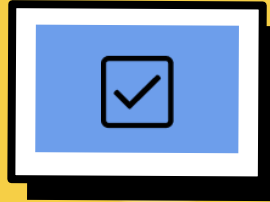


What Must the Solution Do?



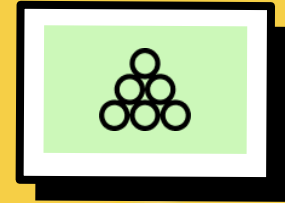
Enable time savings

Time saved is increased quality in the market reduced costs, increased competitiveness.



Make one truth visible

We need one holistic platform where all data related to trade is in one place-facilitating all aspects of trade.



Be owned collectively

For our Region we want a platform that is owned and managed locally for a group of local stakeholders and the government.



Accommodate current infrastructure

Any electronic solution coming to Kenya should be able to communicate effectively with all systems.



Foster adoption by all

We need to convince them that their business will not suffer but it will make things better for them

Customs will benefit on three areas

RISK ASSESSMENTS



Unnecessary interventions, or “false positives” due to late and missing information. Poor visibility of private actors activities.

Provides greater visibility, more complete information, available earlier and with better provenance. Thus enable better decision-making on which consignments or documents require inspection.

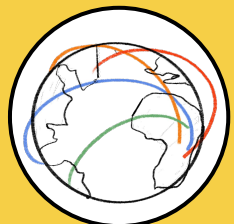
COUNTER ILLICIT TRADE, FRAUD & FORGERY



Illicit trade, fraud and forgery of documents are major problems

Increases probability of identifying bad actors due to a more robust, immutable audit trail for documents and event data. Reduce fraud opportunity by replacing inspections and paper-based documents with more secure DLT-based documents and data.

TRADE FACILITATION



Slow cross-border processes. Costly, paper-intensive work. Juggling efforts to integrate ecosystem into multiple platforms.

Facilitates sharing of documents and status information and approval workflows between government agencies within a country and with other countries. Improve trade facilitation and streamline import and export processes by making measures such as advance clearance possible.

Join us!

We believe in open innovation. DLT innovation is an improvement relevant to the international ecosystem of trade - will not have any effect if only introduced by single actors!

BECOME AN OBSERVER - OR - BUILD WITH US FOR LEARNING AND COST SHARING

As large elements of implementation are “modular”, we believe a deeper collaboration can both improve project costs and enhance implementation efforts. Long-term we believe there is a shared synergy to co-develop the system.

If you have an interest to test and learn within own country/region, we are happy to share our work and methodology. We also find it valuable to share learnings and receive comments from other customs organisations.

Please contact jens@iota.org to receive more information or to setup a call to discuss options of collaboration.



Learn more



See the vision-video on Trademark East Africa's website:
<https://www.trademarkea.com/project/trade-logistics-information-pipeline-tlip/>



Read about the partnership:
<https://blog.iota.org/iota-foundation-and-trademark-east-africa-partner-up-to-improve-infrastructure-and-trade-through-c659ff4c5767>