



Nairobi roundtable
December 2017



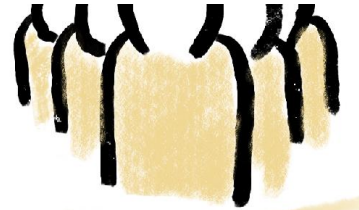
Ethiopian Country Office
led project supported by
The Accelerator!



Extensive field
research in
Djibouti & Ethiopia



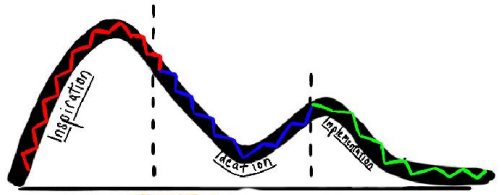
Two use cases, one chosen for the PoC
→ The timely availability of documents impacts
on the transportation of cargo.



Internal & external stakeholders
show interest in participating
in a PoC!



The blocks for transport story



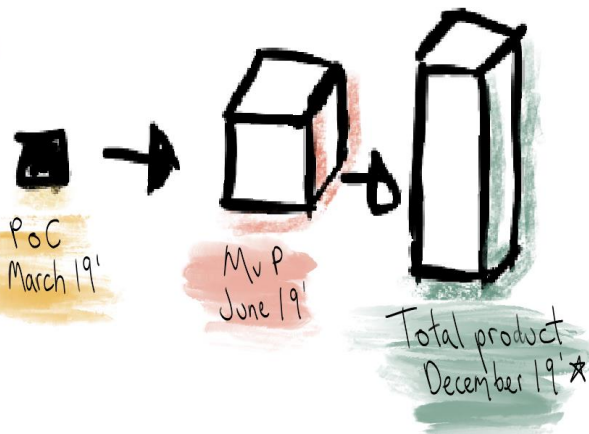
Human centered design process



Solution fit ✓
Innovation ✓



Proof of
Value



The way we work



Blocks for Transport-Use case

Objective

Aim to streamline the logistics process and reduce delays in the Djibouti-Ethiopia corridor

Root Causes

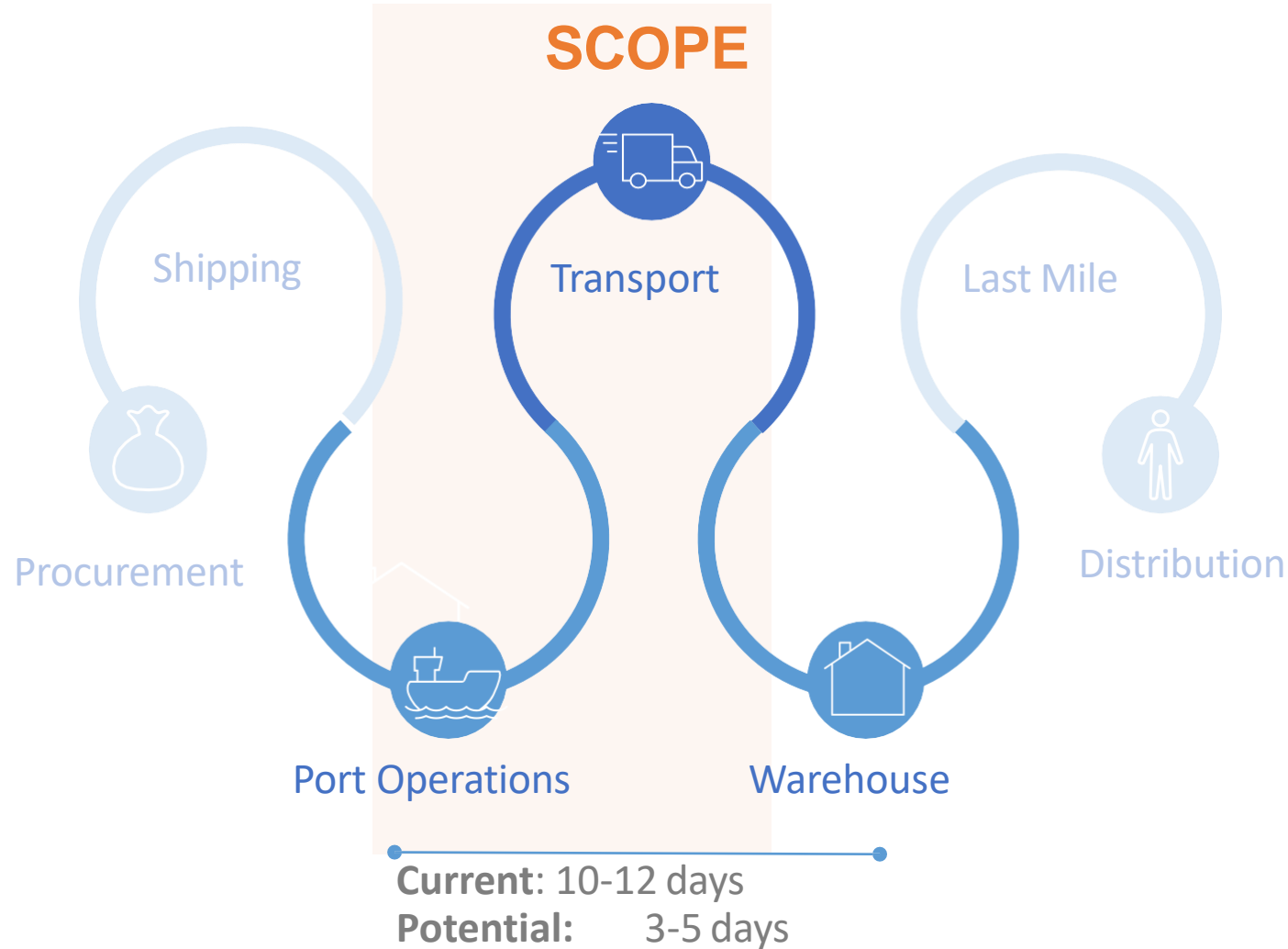
01

Lack of timely availability of over 15 documents along the supply chain and 40+ interactions between stakeholders results in delays along the process due to poor planning and rework.

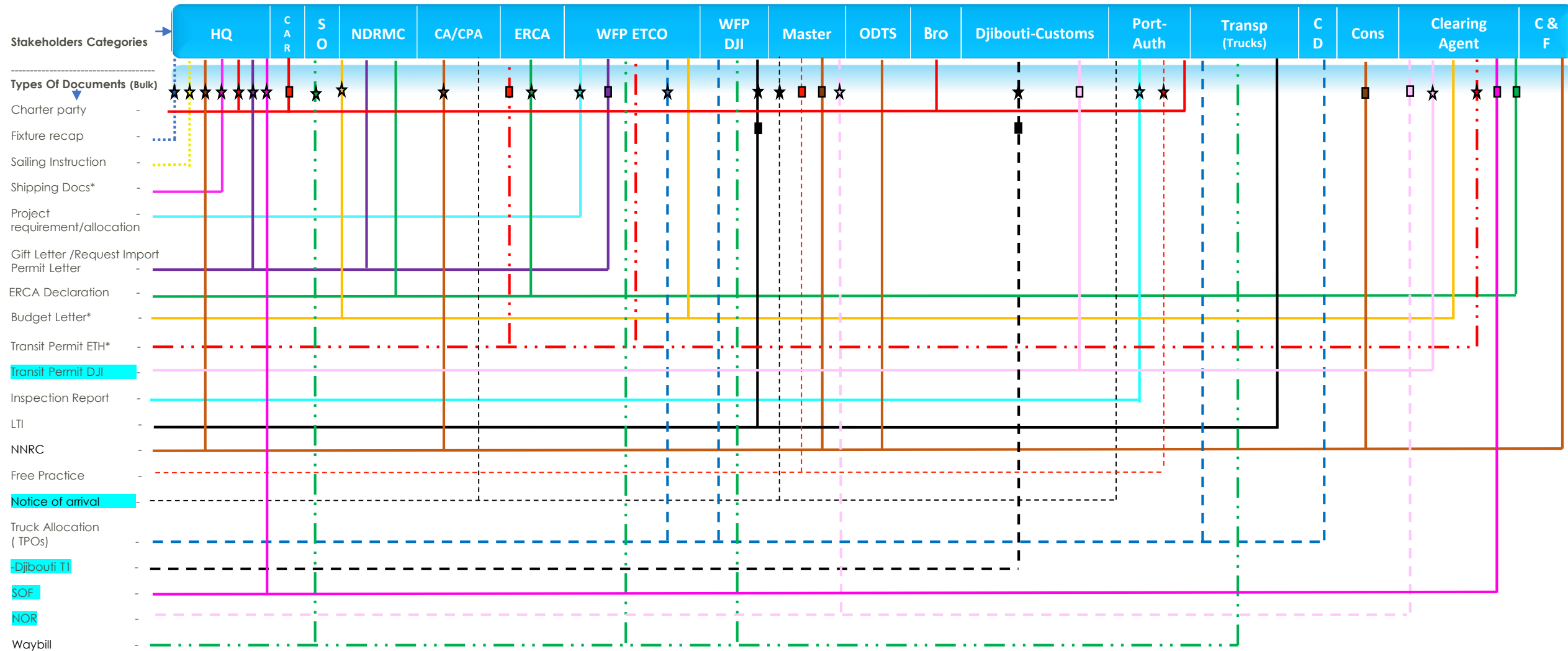
02

Availability of trucks, their coordination at the right place and time and the seasonality of the country's import volumes cause a severe increase in costs and delays. The WFP specific transport procurement process increases administrative and organizational complexities in the day-to-day business

Improve efficiency



WFP DJI-ETH SC Corridor Mapping (Bulk)



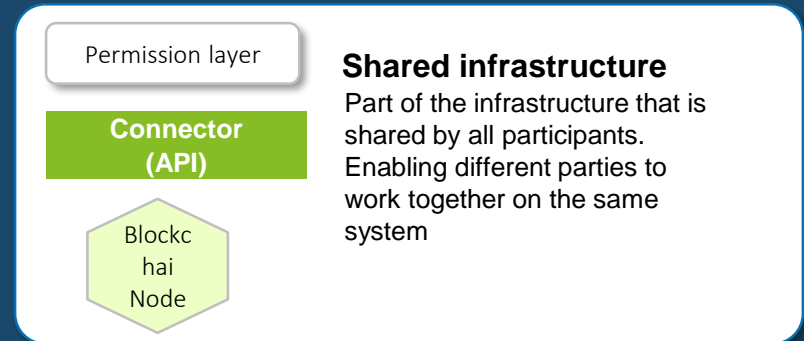
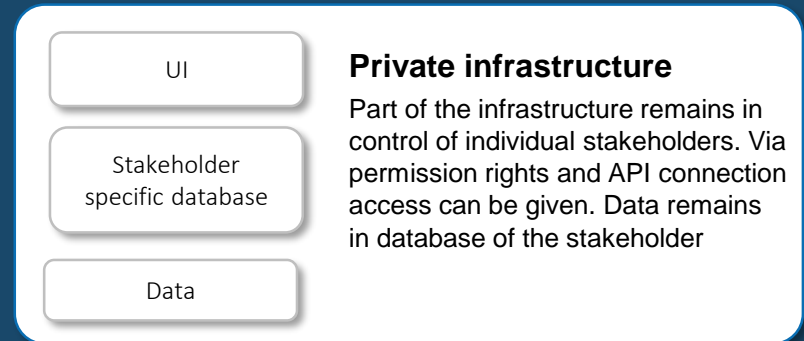
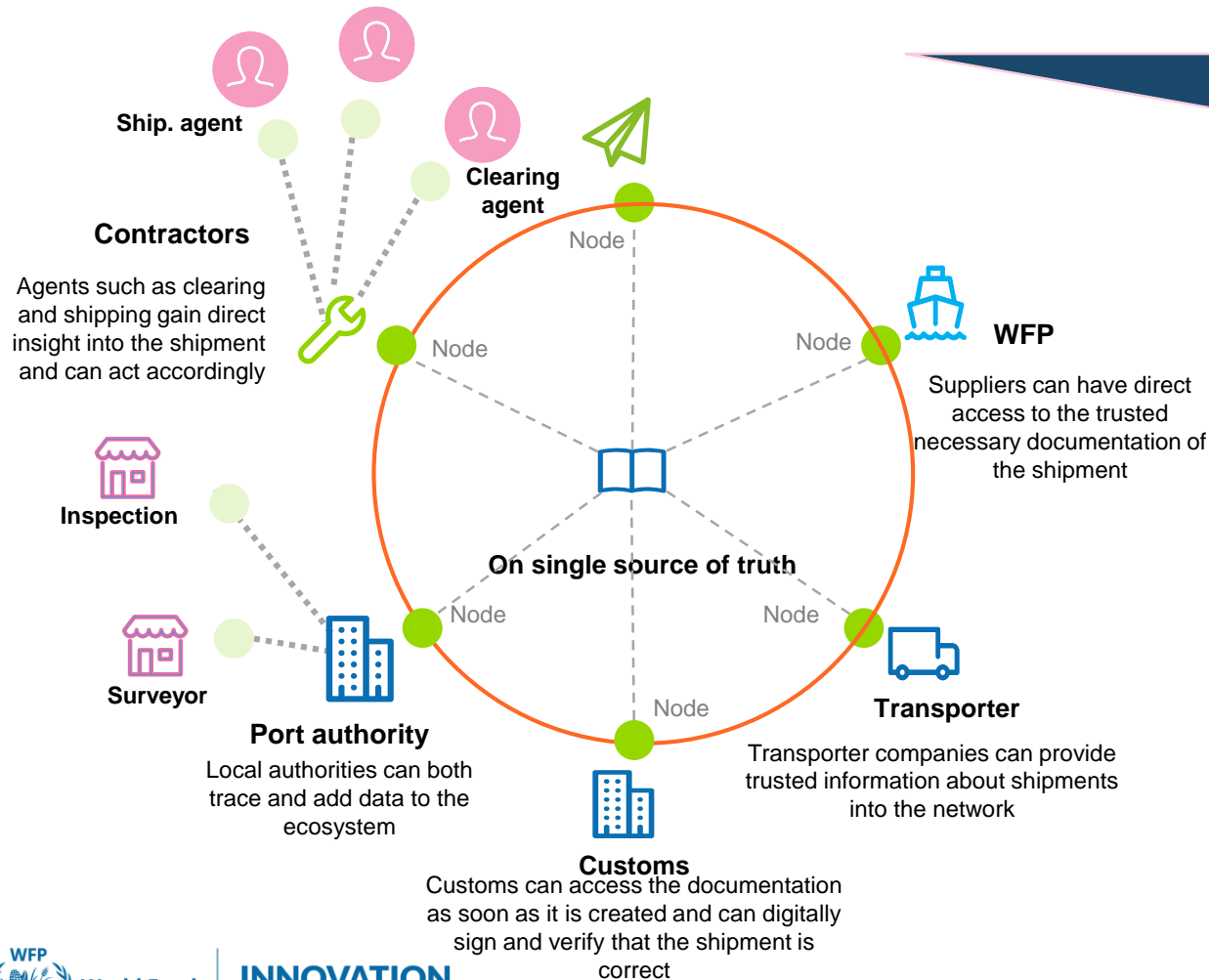
★: Stakeholders issuing the document
 ■: Approver
 ■: TBC

*: Cf. acronyms index

17 Documents with over 40+ interactions!

Solution Overview

Within the network a single source of truth will be created, enabling access to original documentation for relevant stakeholders, only sharing infrastructure where necessary

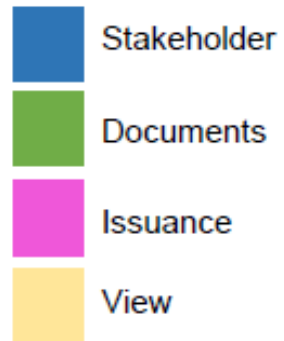


Envisioned Gains

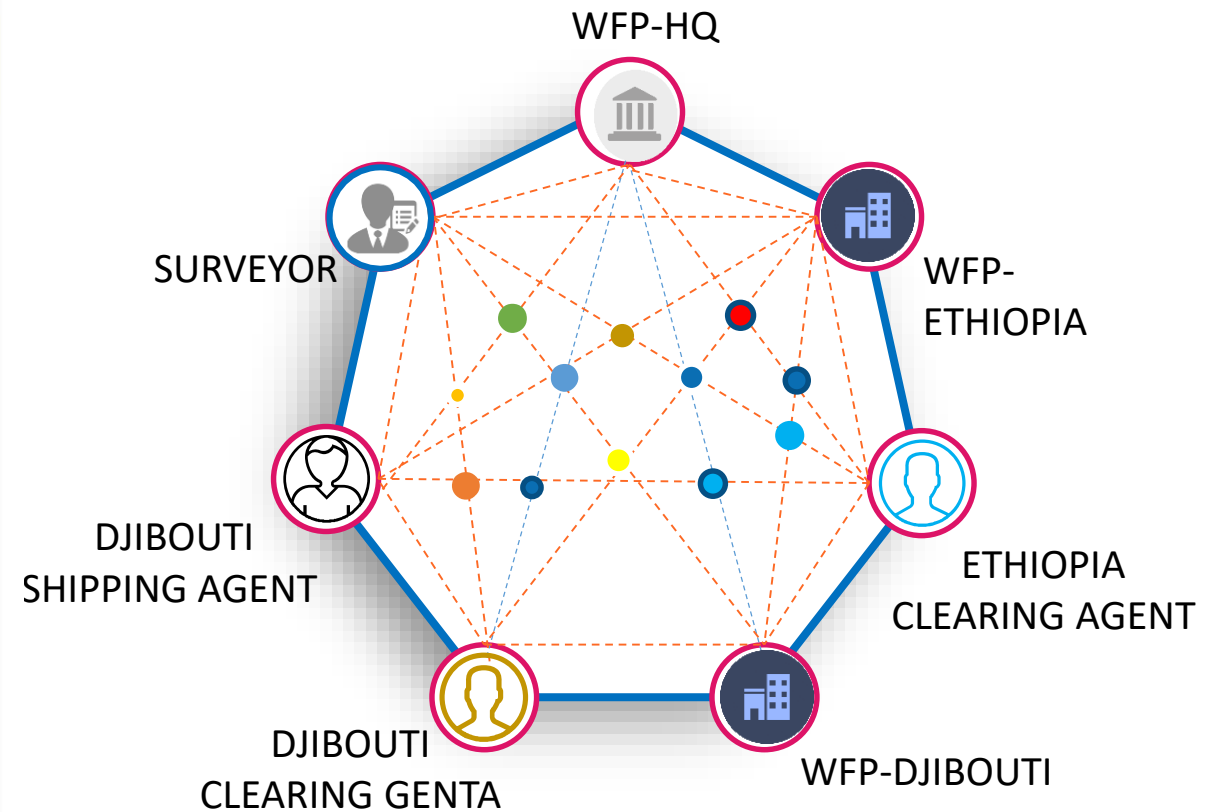
Stakeholder	PAINS	GAINS
WFP ETH Country Office	<ul style="list-style-type: none"> • Delays • Extra action regarding transport planning and customs 	<ul style="list-style-type: none"> • Faster signals by government officials • All documents on time and correct • First time right with clearing agent
WFP DJI Country Office	<ul style="list-style-type: none"> • Ghost trucks • Extra administration • Warehousing 	<ul style="list-style-type: none"> • Cost reduction (improved profits) • More independent agency
Clearing Agent	<ul style="list-style-type: none"> • Documents come in too late • Human error leads to delays 	<ul style="list-style-type: none"> • Better visibility = better planning. • Staging in location
Shipping Agent	<ul style="list-style-type: none"> • Port congestion • Informed late leads to difficulty planning. • Lots of paperwork 	<ul style="list-style-type: none"> • More formal process • Decrease in admin time • Faster clearing
Ports (DMP, SDTV)	<ul style="list-style-type: none"> • Often delay in vessels impacts on port performance. • Lack of accountability of contractors 	<ul style="list-style-type: none"> • Better planning w/ WFP vessels • Increase in resource allocation
Transporters	<ul style="list-style-type: none"> • Heavy administration burden w/ WFP • Lots of paperwork 	<ul style="list-style-type: none"> • Decrease in admin time spent on phone/email • Real time tracking of goods
Customs (Djib & Eth)	<ul style="list-style-type: none"> • Lack of visibility of WFP goods. • Increase in admin w/ changes 	<ul style="list-style-type: none"> • Accountability of parties to deliver • Reduction in admin \$\$\$ • Better planning through visibility.

Proof Of Concept

Document
Flow and
access
rights



	WFP HQ Shipping	WFP ETH CO	WFP DJI CO	Surveyor	DJI Clearing Agent	ETH Clearing Agent	Shipping Agent
Shipping Docs	■	■	■	■	■	■	■
Budget Letter	■	■	■	■	■	■	■
Transit Permit	■	■	■	■	■	■	■
Delivery Order	■	■	■	■	■	■	■
LTi	■	■	■	■	■	■	■
DJI Transit Permit	■	■	■	■	■	■	■
Inspection Report	■	■	■	■	■	■	■
Truck List	■	■	■	■	■	■	■



...the future

Year 2019

Functional MVP
roll-out

- Key Milestones:**
- User research and testing
 - Onboarding key stakeholders (DJI / ETH govt. on board)
 - PoC rolled-out

Year 2021



Full
Production

- Clear product roadmap
- Digitized all paper
- Full production within the ETH-DJI Corridor

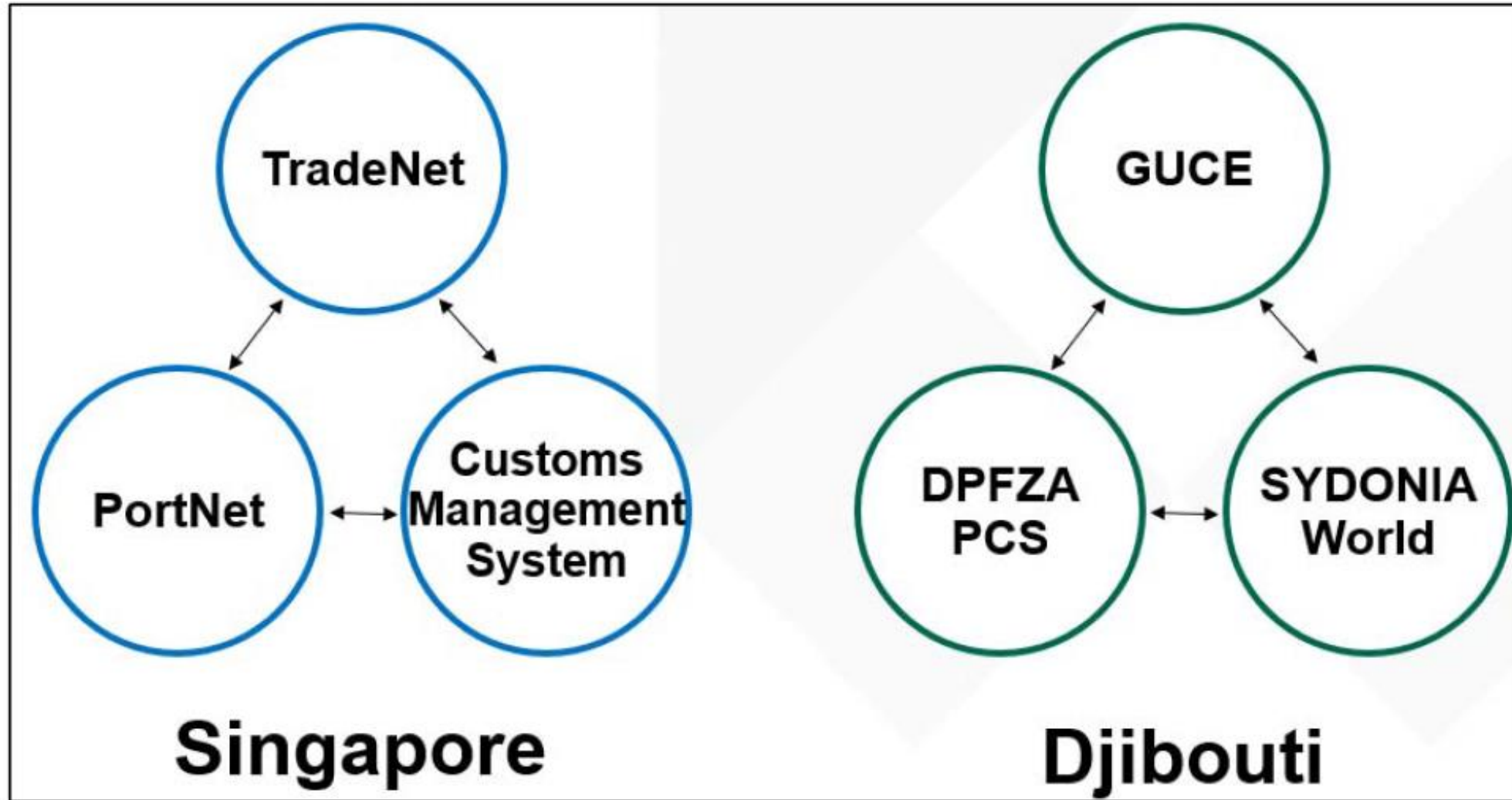
Year ~2025



Humanitarian
Sector

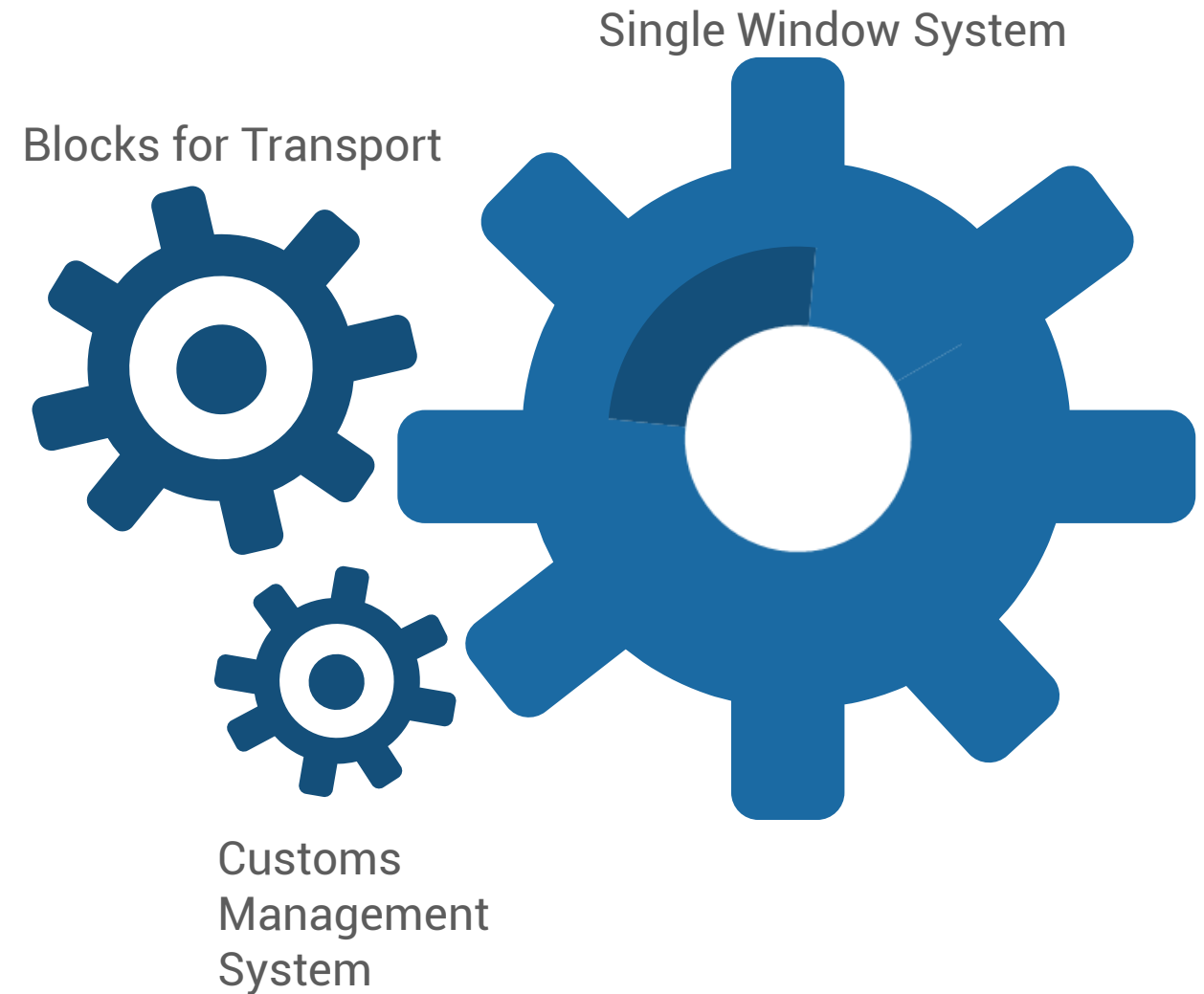
- No intermediaries
- All processes digitized
- B4T Version 4.0

Future systems Landscape - Djibouti



Key Takeaways

- 01 Providing Value to stake holders - Usefulness of platform for both internal and external stakeholders is ascertained
- 02 Policy and Trade infrastructure plays an important role in fostering Frontier Technologies
- 03 Adoption of Digitization and digital signatures are significant drivers
- 04 Iterate the platform with inputs from stakeholders and make it sustainable to use it





Thank You

