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Maritime Safety & Port Security – Arming Against the Same Threats, Risk and Vulnerabilities with Newer, Smarter Solutions

Seychelles
Maritime Week 2024

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CCS/PCS

Why CCS/PCS - Smart port system are becoming essential

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PVMIS – INFOPORT + 4SH – Seychelles Port Authority

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CCS / PCS - Smart port system is no more an option

New challenges for ports

More PERFORMANCE

- An increasingly competitive environment for all stakeholders of the logistic operations

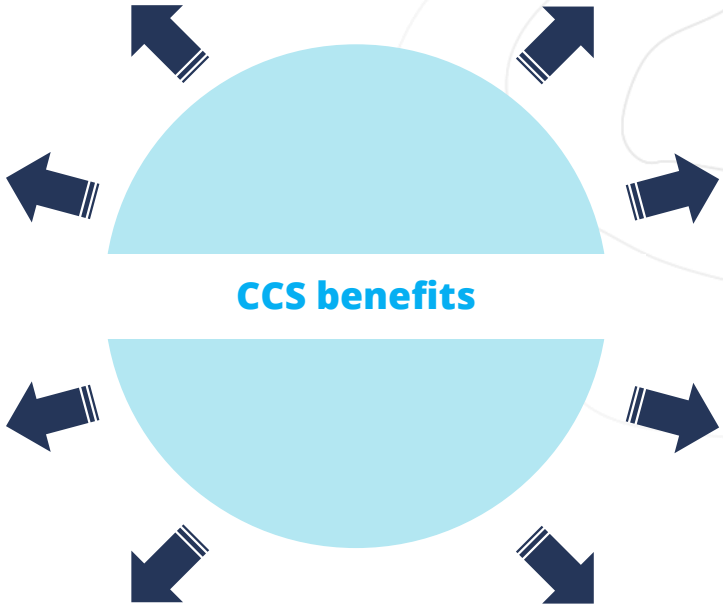
More REGULATION

- International regulations constraints (FAL)
- A need for internal control (traceability and illegal transaction) and security (customs and sanitary)

More REQUIREMENTS

- 0 papers = Greenport
- Cost reduction

One part of the solution = PCS / CCS in a smart port system



Share information between stakeholders in the transport chain

Reduce processing time

Ensure respect of regulations

Simplify the declaration

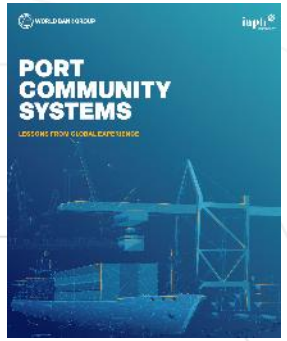
Make the transmitted data reliable

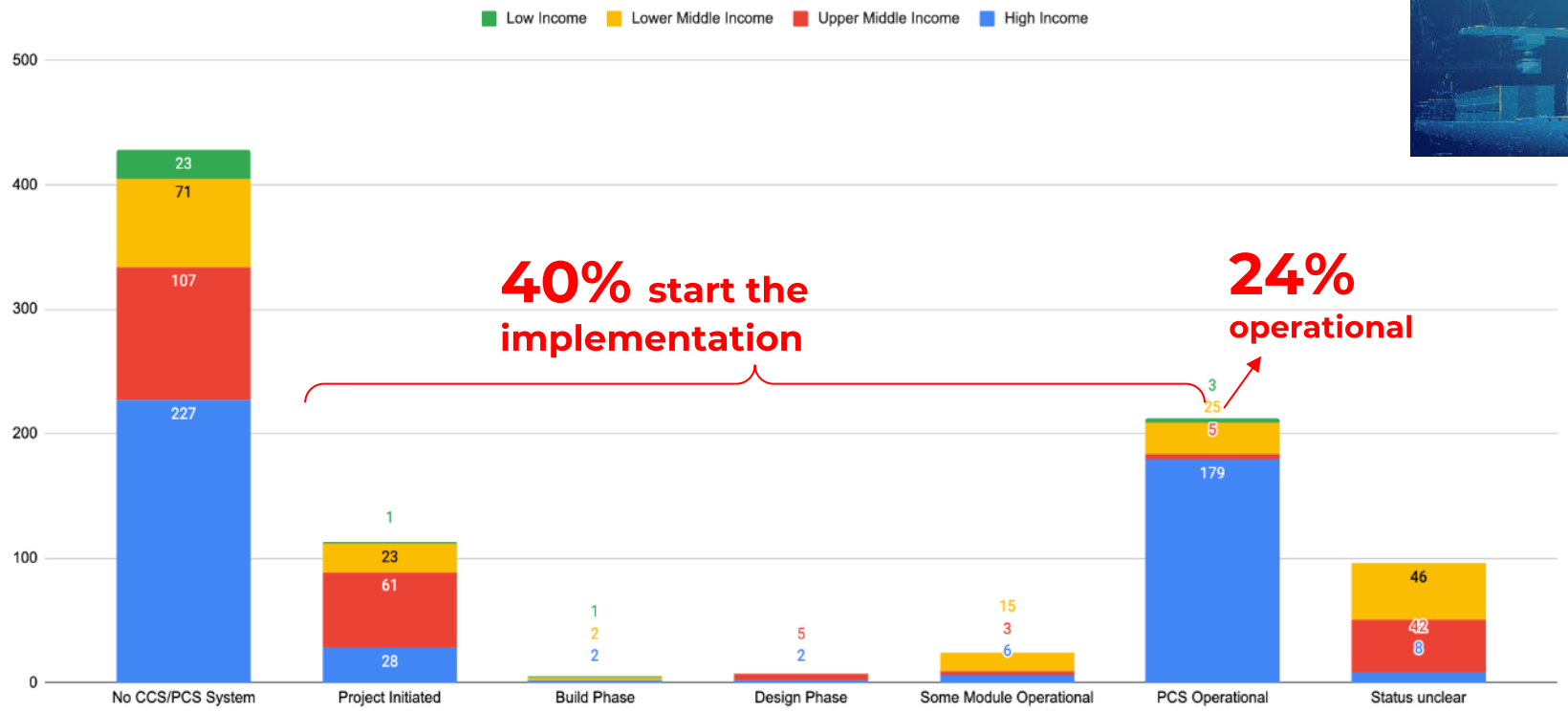
Reduce paper (paperless port) and movement

Track goods in real time

Reduce transit times for goods

The transformation is on the road





World Bank Group - PORT COMMUNITY SYSTEM - 2023

Why it is now possible ...

Technological advancements

Reduction in implementation costs

Experience and cooperation

But it’s not so easy

"This is not an IT project"

"A need for a transformation plan and adaptation of practices"

"A long-term project involving the entire community"

"A strategic project lead by management with a global vision for the port"

CCS / PCS - Smart port system is no more an option

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CCS/PCS

4SH / INFOPORT - another vision to deploy a smart port system

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INFOPORT / 4SH

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A partnership and a vision to succeed in the implementation of a smart port

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OUR VISION for a viable future

A CCS

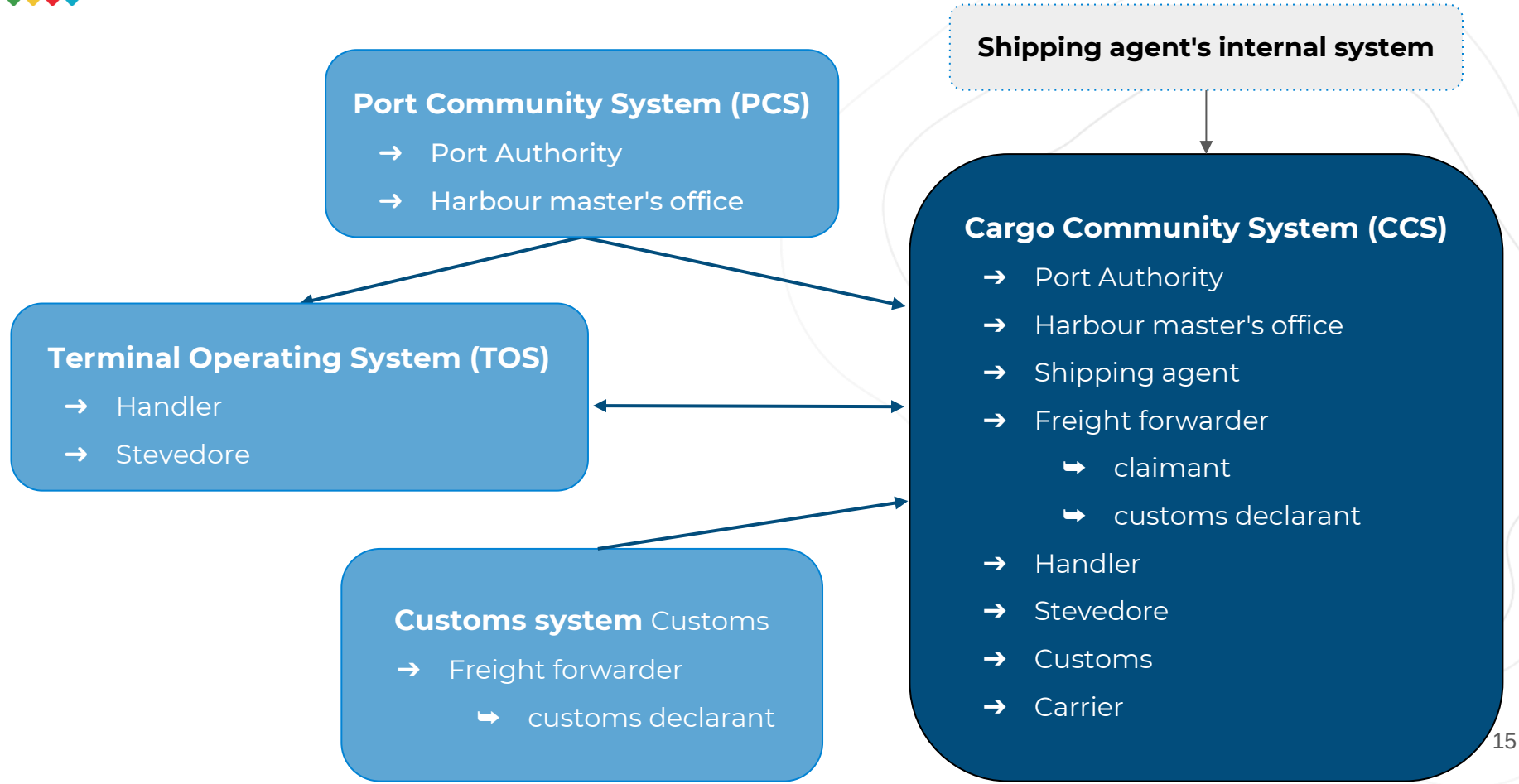
➔ Integrated
➔ Scalable and tailored
➔ BUILD & RUN

One integrated system

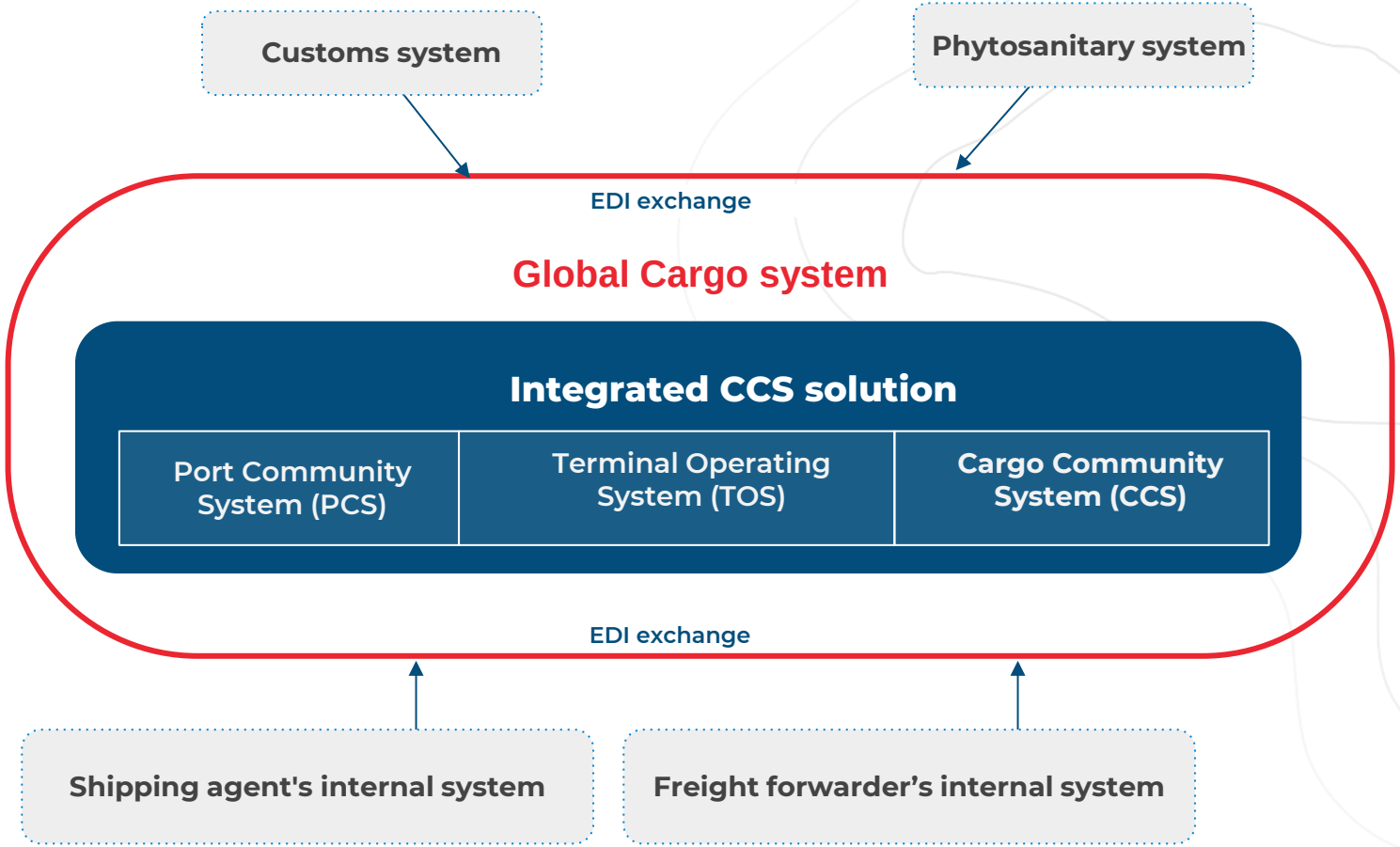
The CCS/PCC/TOS must be more **integrated** to simplify the deployment and must be **connected** to the external user system

PCS+TOS included in the CCS

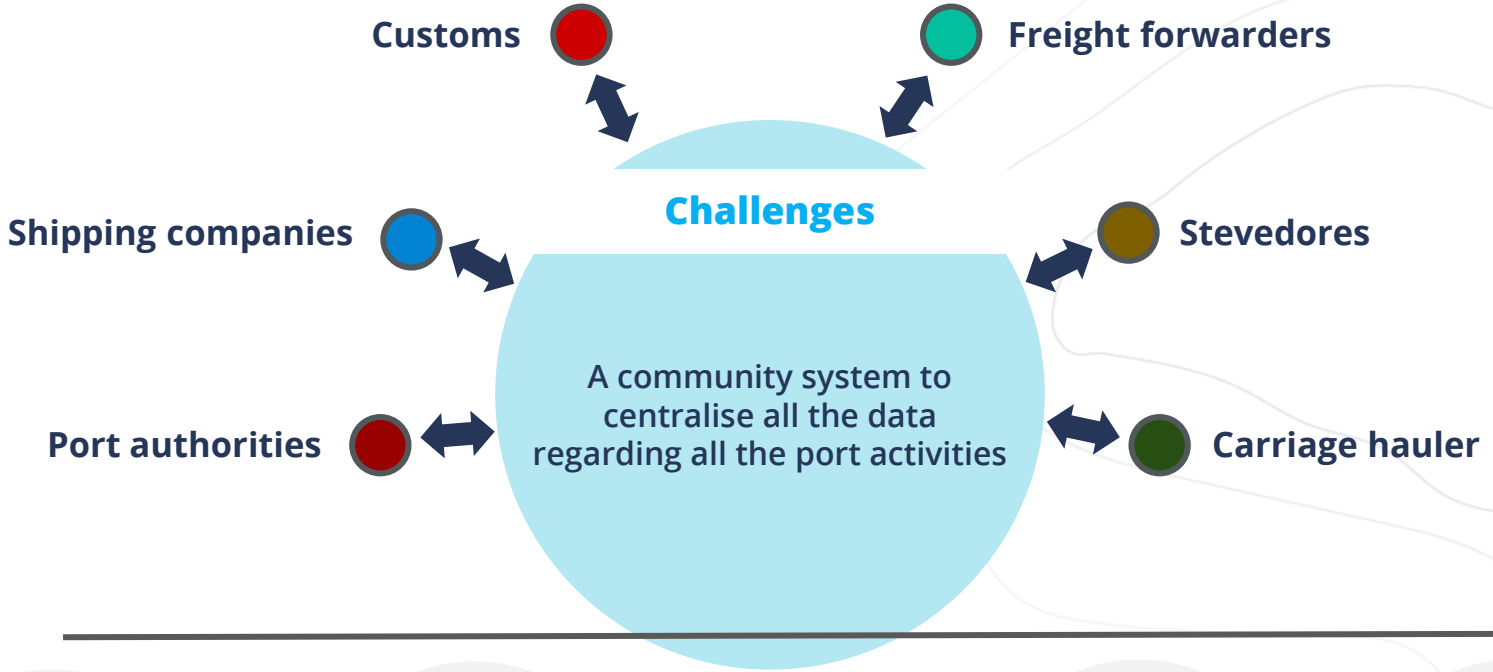
Classic vision



PCS+TOS included in the CCS - integrated vision



The main challenges for a CCS/PCS Smart port system



Key point n°1

Improve the productivity

Key point n°2

Simplify the constraints

Key point n°3

Find specific and concrete advantage for each actor

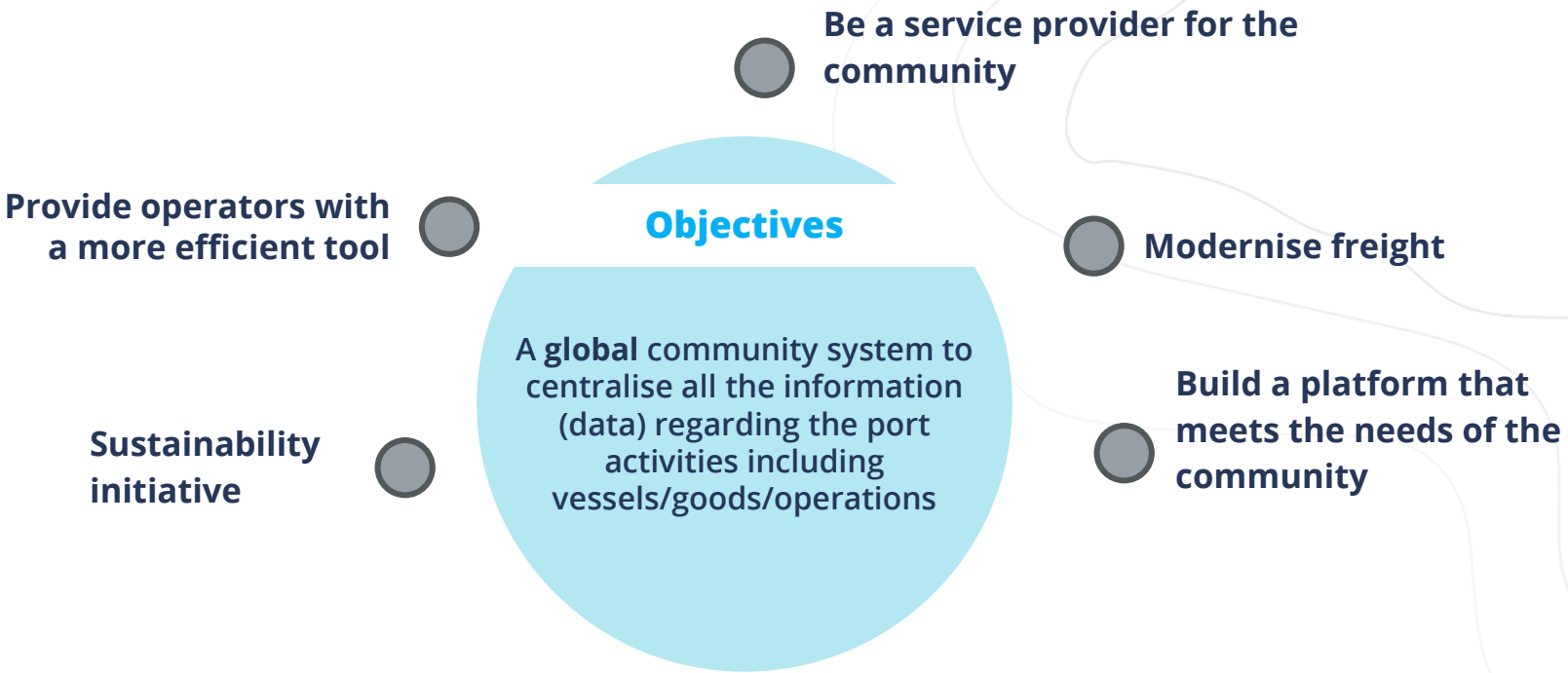
Key point n°4

Improve the advantages of each actor

One Port - One System

The CCS must be **tailored** to the port specifics processes and **scalable** to achieve business objectives.

PCS+TOS included in the CCS to achieve business objectives



Not only a “software”

A global project “BUILD” to deploy the system with the community and “RUN” to operate and support the users

PCS+TOS included in the CCS - Build & RUN

Existing solution modern and proven

+

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Processes and business experience (since more than 15 years)

+

4SH

Software specialist to guarantee the BUILD (deploy) and RUN (operate) the system

=

YOUR CCS

Your global PCS/CCS/TOS System perfectly adapted to your processes and your business needs

One integrated CCS solution (PCS+TOS included in the CCS)

Multi-port, multi-traffic, adapted to small and medium ports

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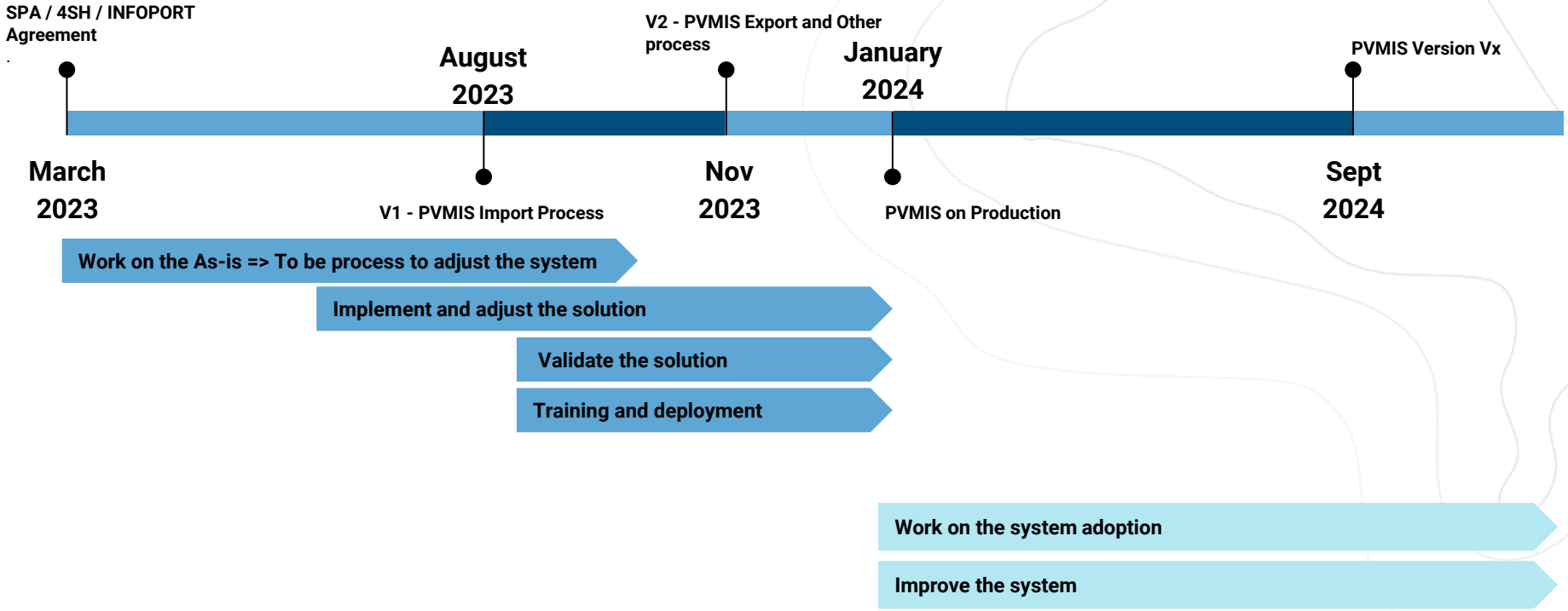
PVMIS

Smart port for the Seychelles

Seychelles
Maritime Week 2024

PVMIS - CCS/PCS

PVMIS - A long term project included in the SPA Strategy



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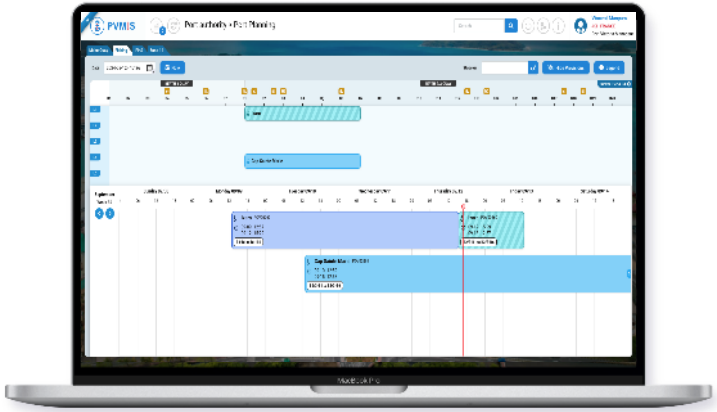
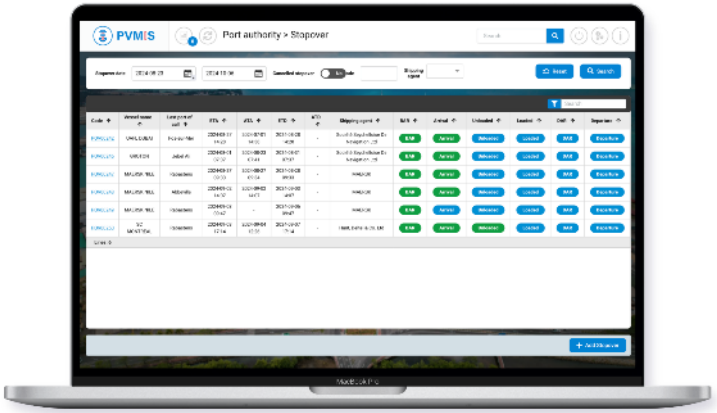
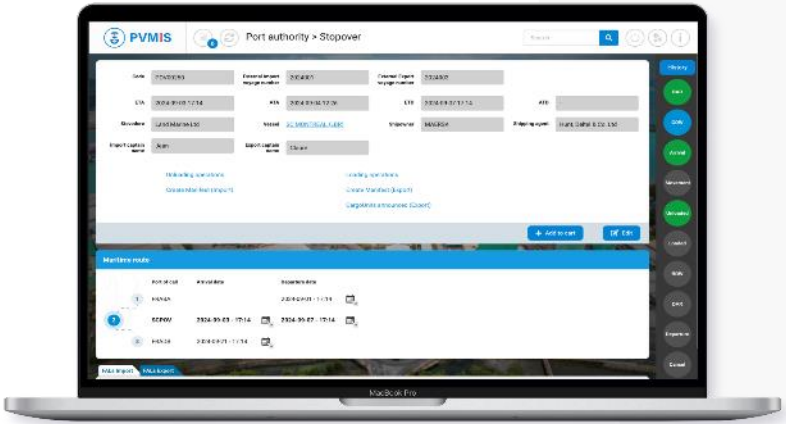
PVMIS

PVMIS

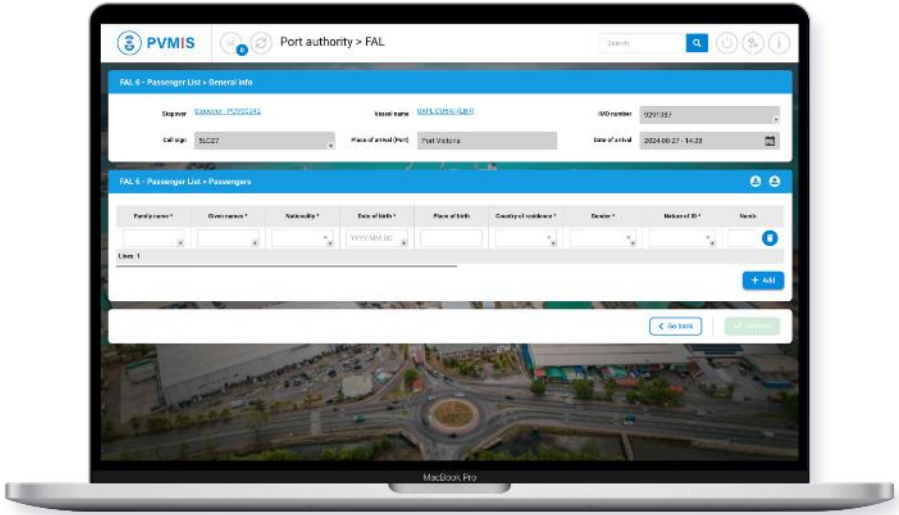


more than 400
stopovers planned

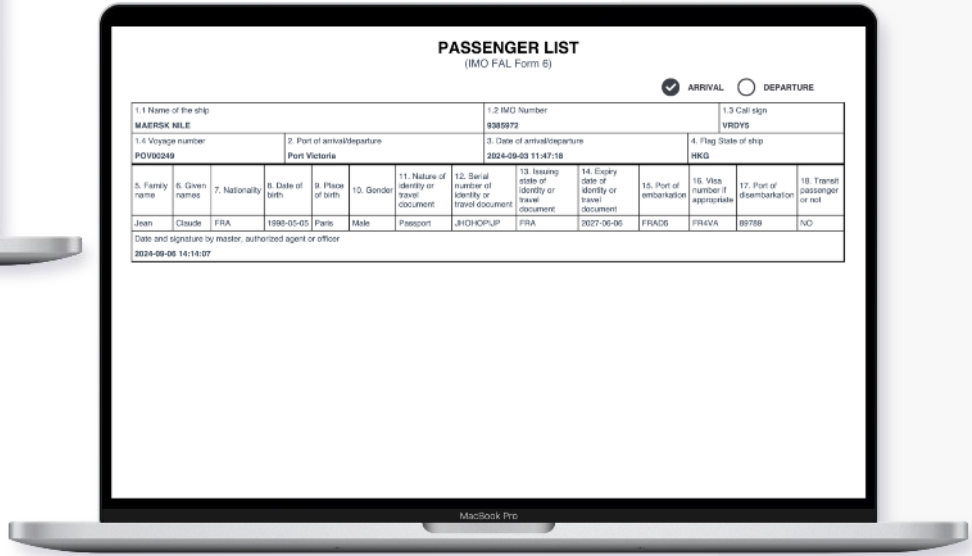




PVMIS

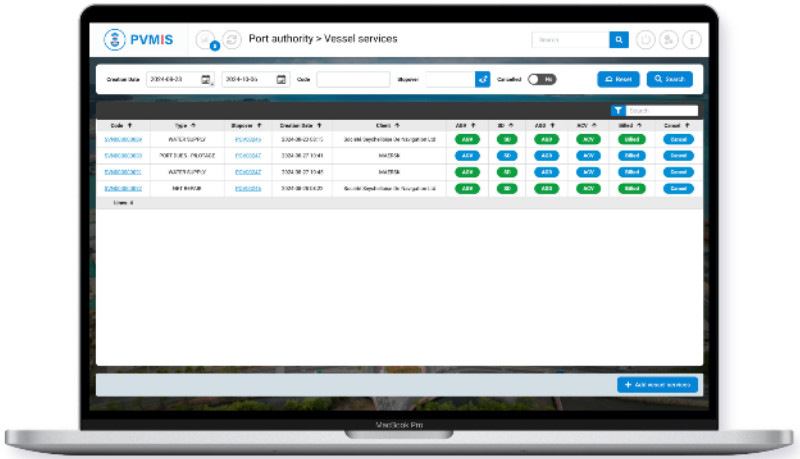


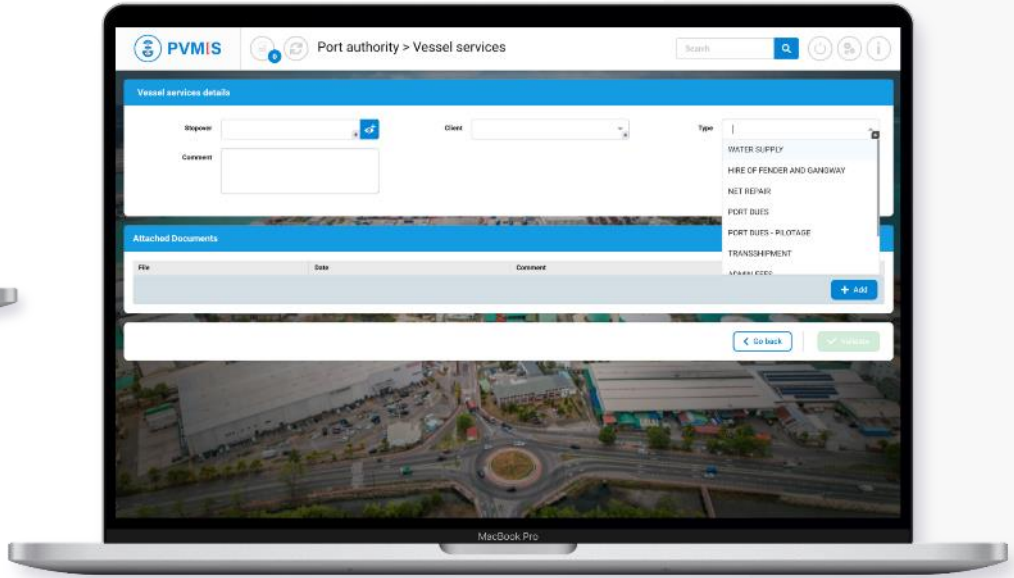
350 FALs generated



PVMIS

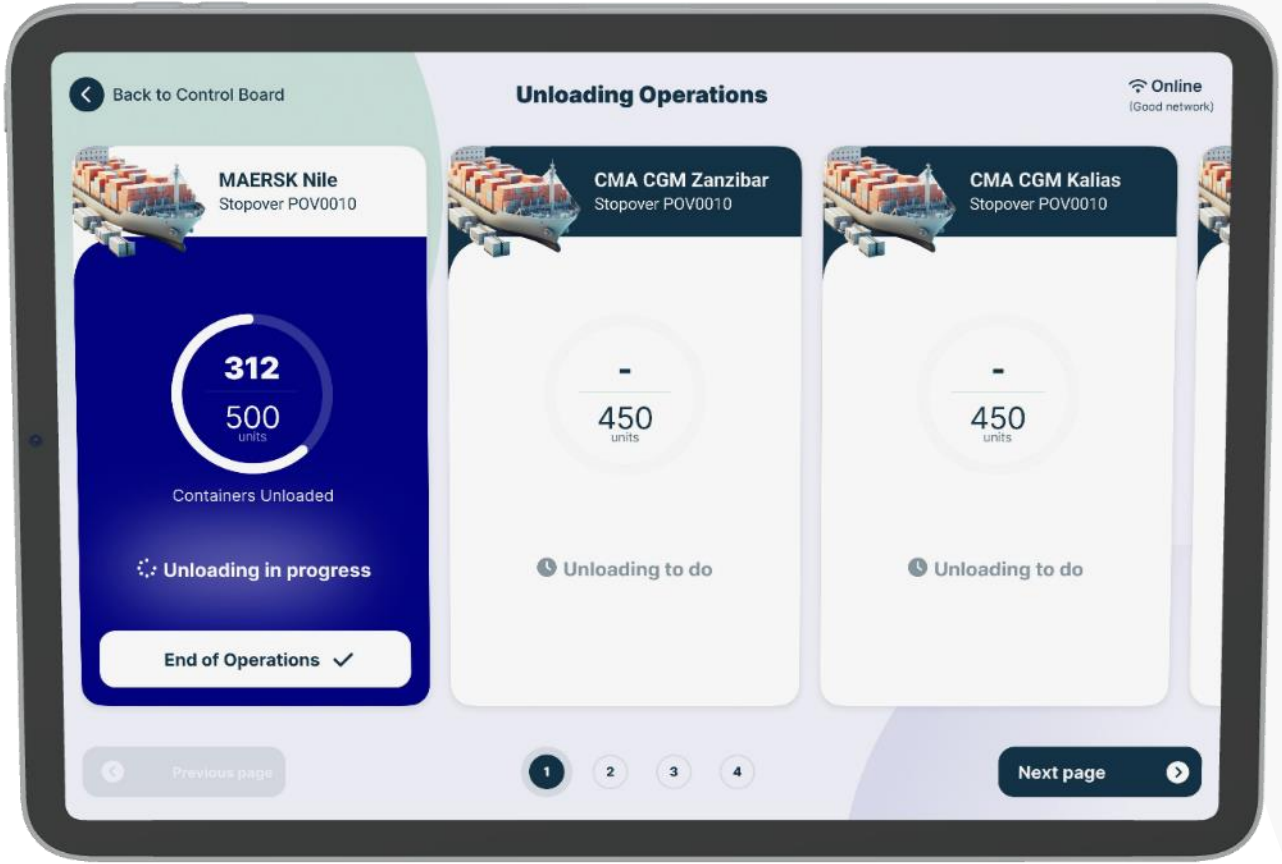
around 100
Services notes





PVMIS

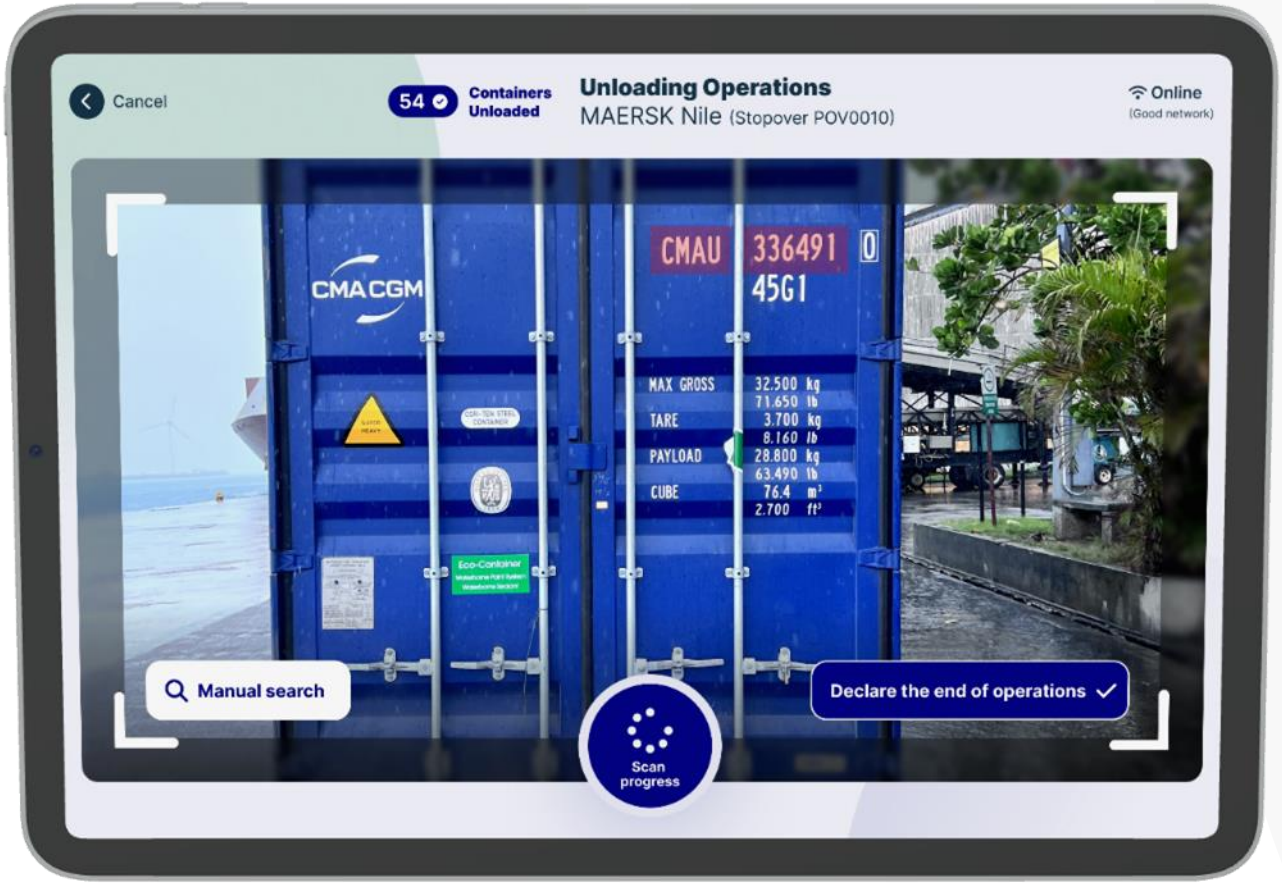
Online
(Good network)
40DC
MPORT
BUFFER
ZONE
1


Back to Control Board
Unloading Operations
Online
(Good network)
MAERSK Nile
Stopover POV0010
312
500
units
Containers Unloaded
Unloading in progress
End of Operations
CMA CGM Zanzibar
Stopover POV0010
-
450
units
Unloading to do
CMA CGM Kalias
Stopover POV0010
-
450
units
Unloading to do
Previous page
1
2
3
4
Next page

Cancel
Manual s

PVMIS

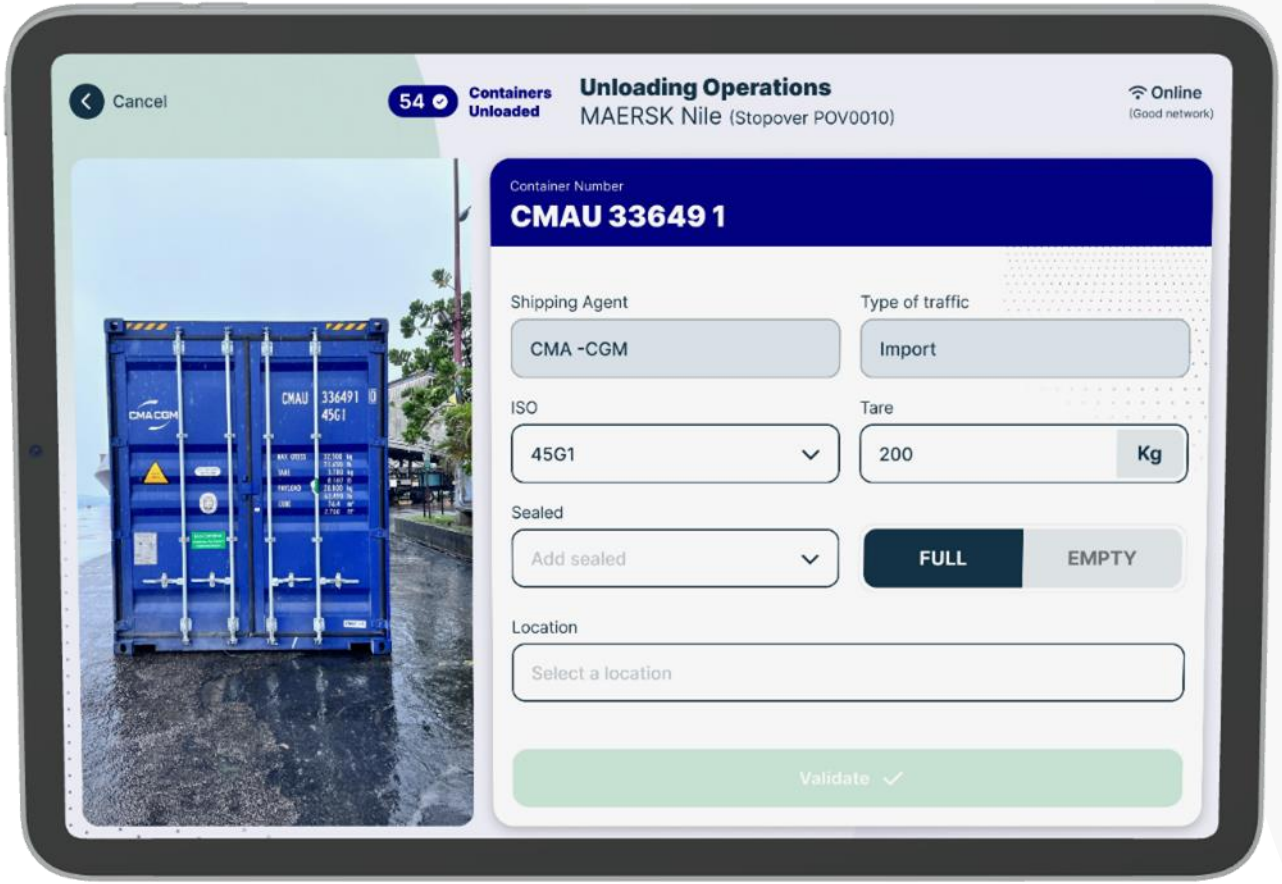
Online
(Good network)
GM Kalias
POV0010
g to do
Next page


Cancel
54
Containers Unloaded
Unloading Operations
MAERSK Nile (Stopover POV0010)
Online
(Good network)
CMA CGM
CMAU 336491 0
45G1
MAX GROSS 32.500 kg 71.650 lb
TARE 3.700 kg 8.160 lb
PAYLOAD 28.800 kg 63.490 lb
CUBE 76.4 m³ 2.700 ft³
Eco-Container
Manual search
Scan progress
Declare the end of operations

Cancel

PVMIS

Online
(Good network)
erations


Cancel
54 Containers Unloaded
Unloading Operations
MAERSK Nile (Stopover POV0010)
Online
(Good network)
Container Number
CMAU 33649 1
Shipping Agent
CMA -CGM
Type of traffic
Import
ISO
45G1
Tare
200
Kg
Sealed
Add sealed
FULL
EMPTY
Location
Select a location
Validate

Cancel
NORT
REEFE
FARM
20DC
IMPORT

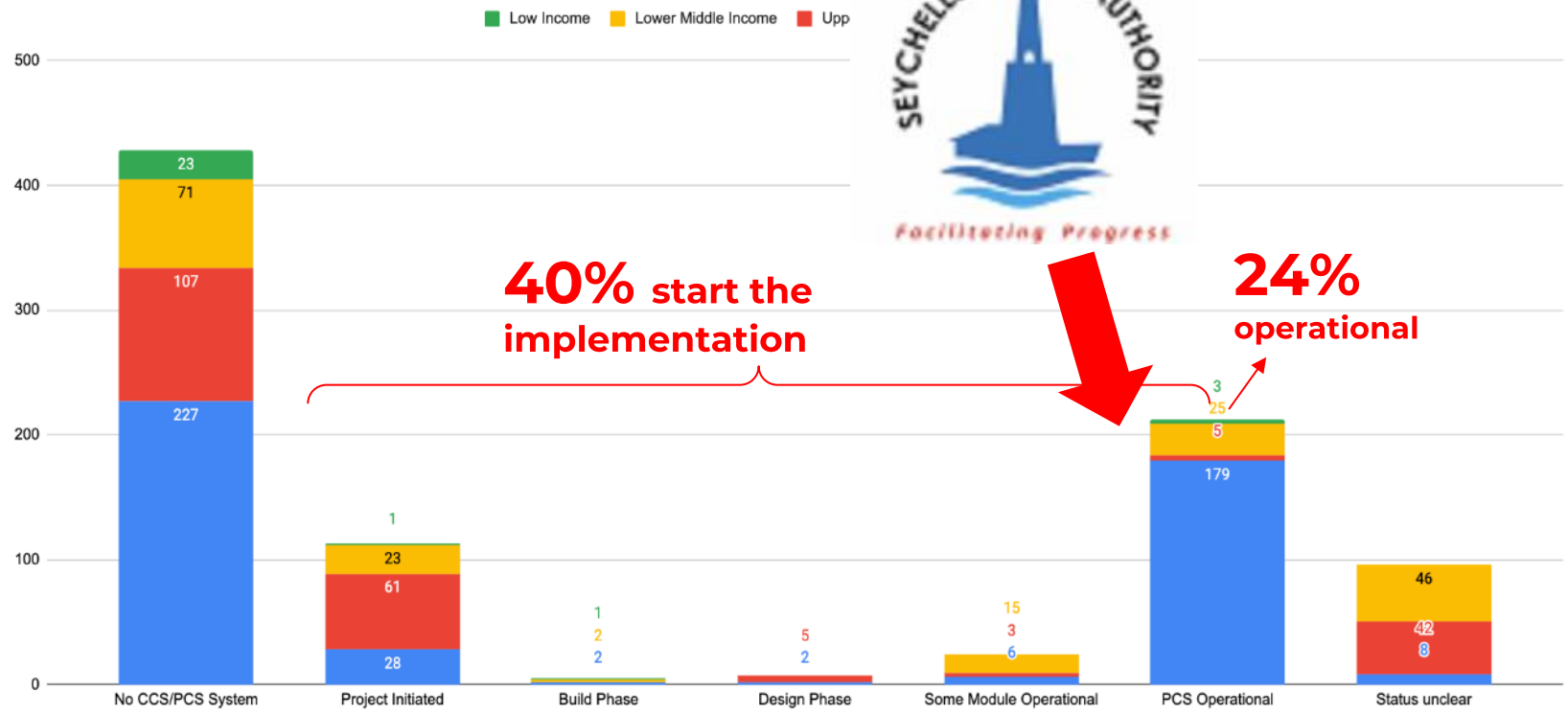
PVMIS

Online
(Good network)
Kg
EMPTY

Cancel
54
Containers Unloaded
Unloading Operations
MAERSK Nile (Stopover POV0010)
Online
(Good network)
Select a location
NORT REEFER FARM
SOUTH REEFER FARM
CFS
40DC IMPORT
20DC IMPORT
EMPTY STACK
EXPORT STACK
BUFFER ZONE 1
OK

Back to Control

The transformation is on the road



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PVMIS - A long term project included in the SPA Strategy

300 users

400 Stopover

350 FALs

80 Services notes

160 Manifests

120 Discharging

60 transports orders

70 Customs files

Work on the system adoption

Improve the system with