



TRIPARTITE TRANSPORT & TRANSIT FACILITATION PROGRAMME (TTTFP)

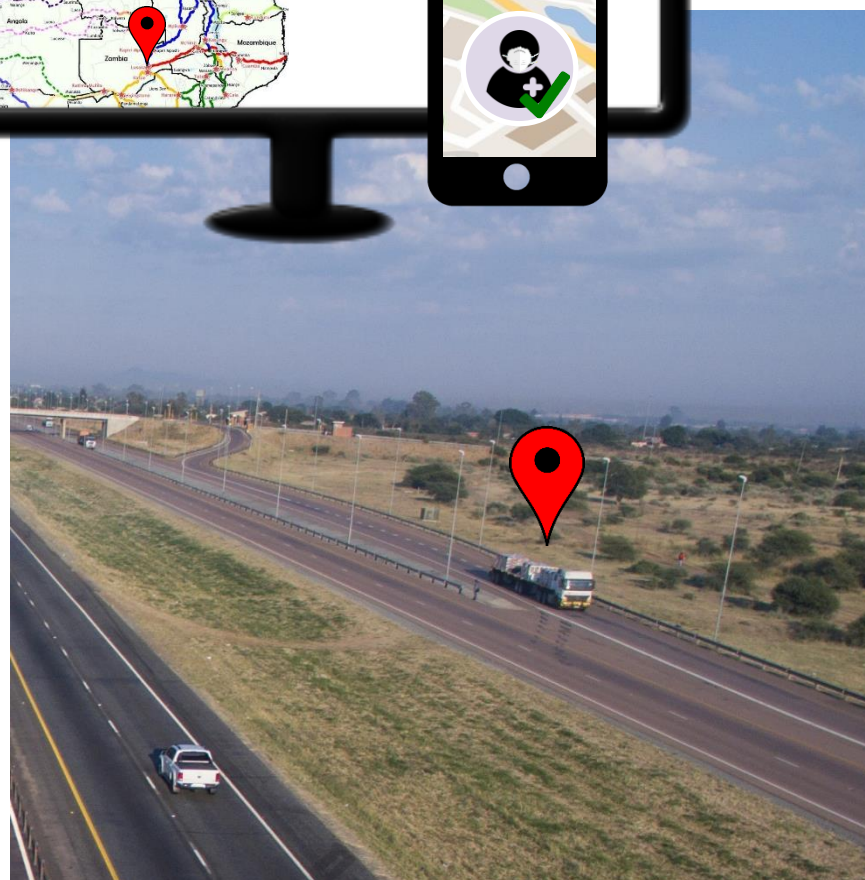
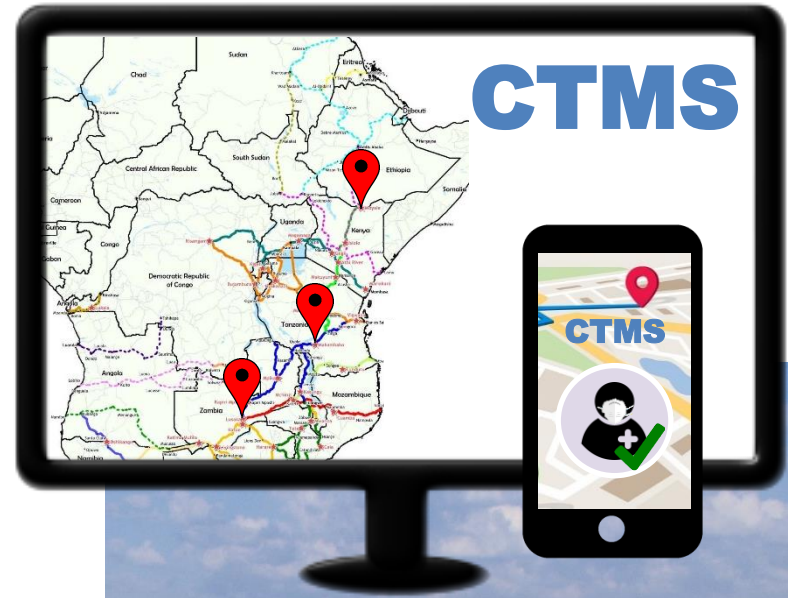
Corridor Trip Monitoring System (CTMS)



SSATP Webinar on
Corridor Performance Monitoring Systems
25 June 2024

Overview

- Objectives
- Fundamentals
- Status
- EAC RCIIS
- Advantages
- Way Forward
- Questions & Discussion



CTMS Scope & Definition

1. The Corridor Trip Monitoring System (CTMS) was developed by COMESA, EAC and SADC initially as a COVID 19 response measure. It was designed from inception as a **regional trade and transport facilitation systems** for use by trade and transport regulators, law enforcement agencies, drivers, operators & logistics services providers
2. CTMS is developed in incremental modules and will be interfaced with other national and regional systems.
3. CTMS facilitates corridors performance monitoring
4. CTMS can be used to facilitate tourism and movement of persons.
5. For long term sustainability, funding options are being explored. The options will include PPP model.
6. Initially, funded by the EU, owned and managed by the Tripartite RECs of COMESA, EAC and SADC, CTMS is a **public good, freely available to multiple public and private sector users across the Tripartite and African continent.**

CTMS Fundamentals

- Based on regulatory framework set by **Multilateral Cross Border Road Transport Agreement (MCBRTA)** adopted by **Tripartite Ministerial Committees**
- **Operator is responsible and liable for the quality of operation of both driver & vehicle**
- **Privacy & Protection of Personal Information security** compliant with provisions of MCBRTA
- **Operator, driver & vehicle information readily available to authorities at border posts & roadside through **Tripartite Transport Registers & Information Platform System (TRIPS)****
- CTMS to operate & be hosted in conjunction with TRIPS

CTMS Modules

CTMS modules already deployed:

– Trip Registration Web Application

- Register trip, select waypoints of route & link driver/crew, vehicle(s) & cargo
- Upload customs & other documentation
- Vehicle and/or cargo tracking

– Traveller App (Web) & Crew App (Android only)

- Import of vaccination & test result data from national health systems & Digital Certification (Traveller App)
- Tracking of driver/crew participating in road transport (Crew App)

– Officials Mobile Application at Border Posts (Android only)

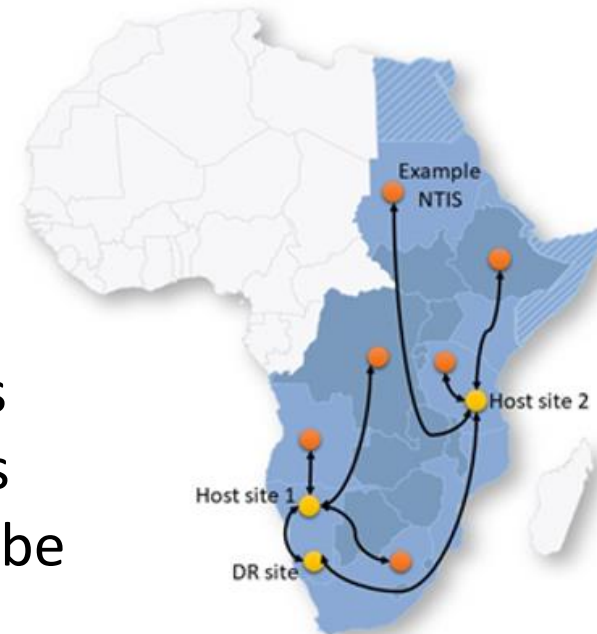
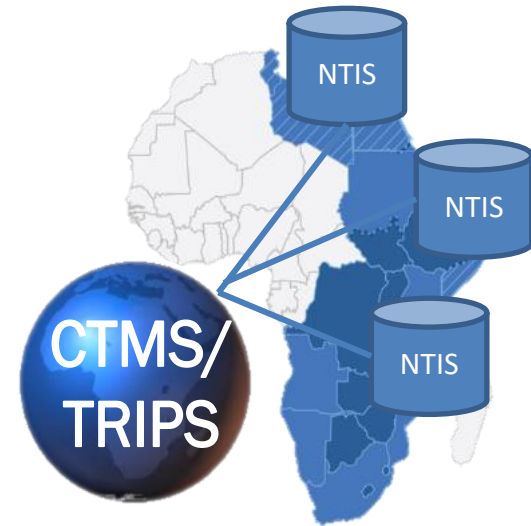
- Verify registered trip, vehicle, driver & crew health
- Customs, Immigration, Port Health & Law Enforcement

– Officials Management Web Application

- Monitor deviations from registered trip for road transport
- Corridor Performance Management – SMART Corridors
- Dash Board & statistical information

CTMS Hosting

- **Web Based System** (www.ctms.africa)
 - All System Users to connect via internet to hosted core CTMS System at any of several host sites, irrespective of Member State
- **CTMS already commissioned together with TRIPS at hosting sites in Namibia**
 - Host Site 1 & Disaster Recovery (DR) Site in Windhoek, Namibia
 - Host Site 2 in Nairobi, Kenya already inspected & approved – awaiting servers to be installed
 - CTMS configured for multiple hosting sites with Load Balancing & Failover capabilities for 24x7 availability – Egypt & ECOWAS to be added for African Continental roll-out



CTMS Implementation Completed

- SADC/ COMESA Member States participating:
 - Botswana, Namibia, Malawi, Zambia & Zimbabwe
- Operators participating & registered on CTMS:
- CTMS pilot implementation was validated by Tripartite Member/ Partner States on 30 June 2022
- Phase 3 roll-out in installation stage:
 - Botswana – **Completed**
 - Malawi – **Completed**
 - Mozambique – **Pending**
 - Namibia – **Completed**
 - Zambia – **Completed**
 - Zimbabwe – **Completed**

Equipment at border posts funded by
German Development Cooperation

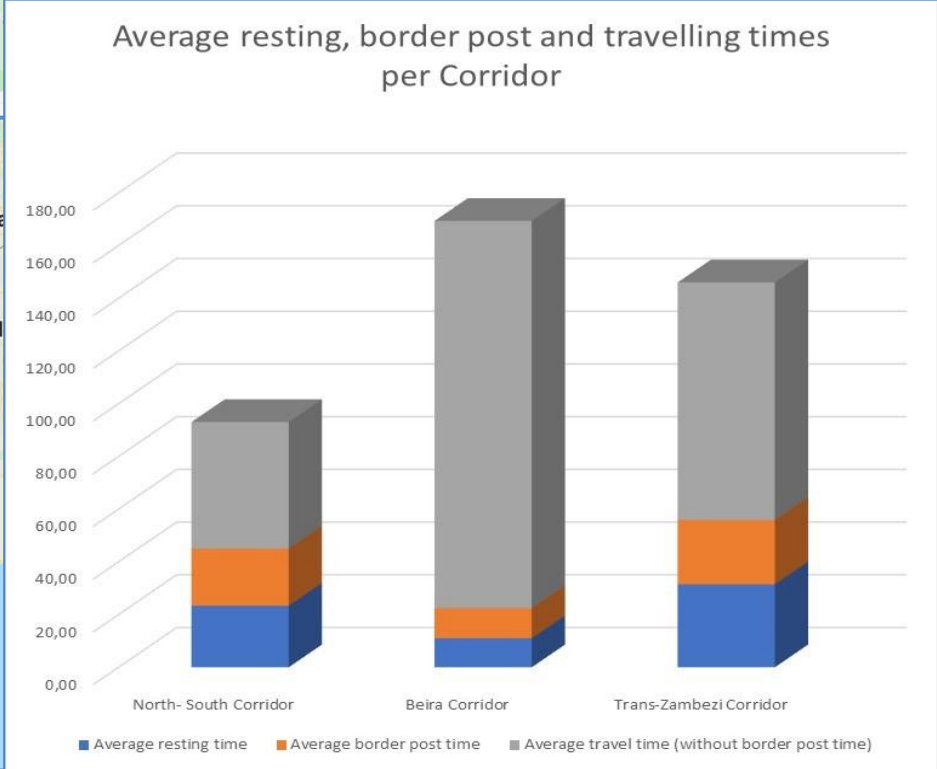


Implemented by:
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CTMS Deployment Status – June 2024

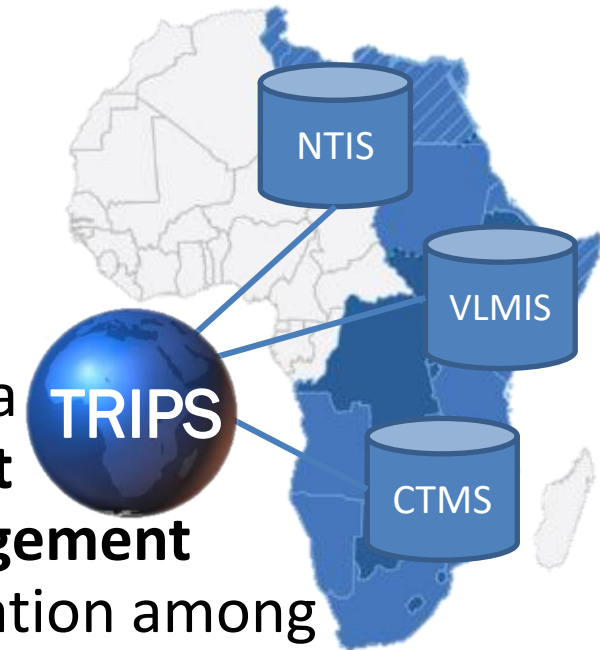


CTMS Corridor Performance Management



Introduction to TRIPS & CTMS

- TRIPS & CTMS are regional systems established by the Tripartite of COMESA, EAC & SADC
 - **TRIPS and CTMS are regional public goods owned & managed by RECs and available to all member states and corridor management institutions**
- Objective of Transport Registers & Information Platform System (TRIPS)
 - To establish an “ESB” for validation & exchange of vehicle, driver & operator data from relevant “master” **National Transport Info Systems (NTIS) & Vehicle Load Management Info Systems (VLMIS)** in country of registration among Member/ Partner States of COMESA, EAC & SADC AND **CTMS**



Introduction to the RCIIS

- Smart Border Posts require full scale digitalisation and integration of the range of systems currently operating in silos, including the EAC Regional Customs Integration & Interconnectivity System (RCIIS) Modules identified in the TOR
- But also
 - Re-Engineering of Business Processes
 - Integration of Customs Management Systems
 - Integration of Cargo Scanning, Weigh Bridges & other technologies
 - Incorporation of E- Commerce & Digital Logistics
 - Promulgation of Enabling Regulatory Instruments
- Will further reduce the volume of documentation, simplify, streamline & harmonise procedures and exceed the benefits achieved by existing OSBPs without the need for large scale capital expenditure to further reduce turnaround times
- **Achieve ultimate objective – reduce trade and transport costs**

EAC RCIIS Components

Regional Customs Integration Interconnect System (RCIIS) comprises 7 components:

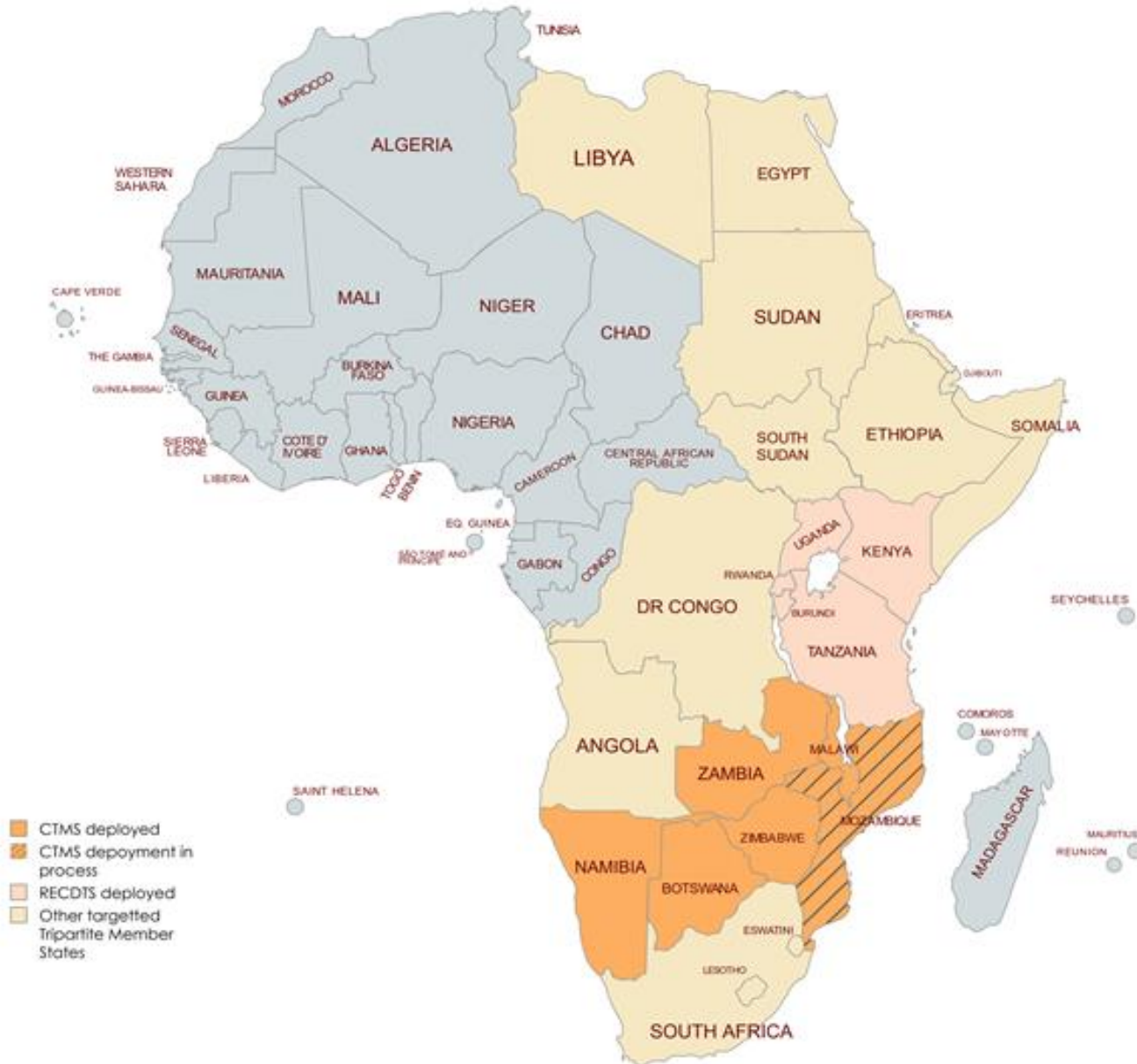
- Enterprise Service Bus (ESB)
- Regional Electronic Cargo Tracking (RECT) Module
- Transit Bond (BOND) Module
- One Stop Border Post (OSBP) Module
- Regional Electronic Single Window (ESW) Module
- Regional Authorised Economic Operator (AEO) Module
- Customs Valuation and Risk Management (RISK) Module

Strategy for RCIIS using the CTMS

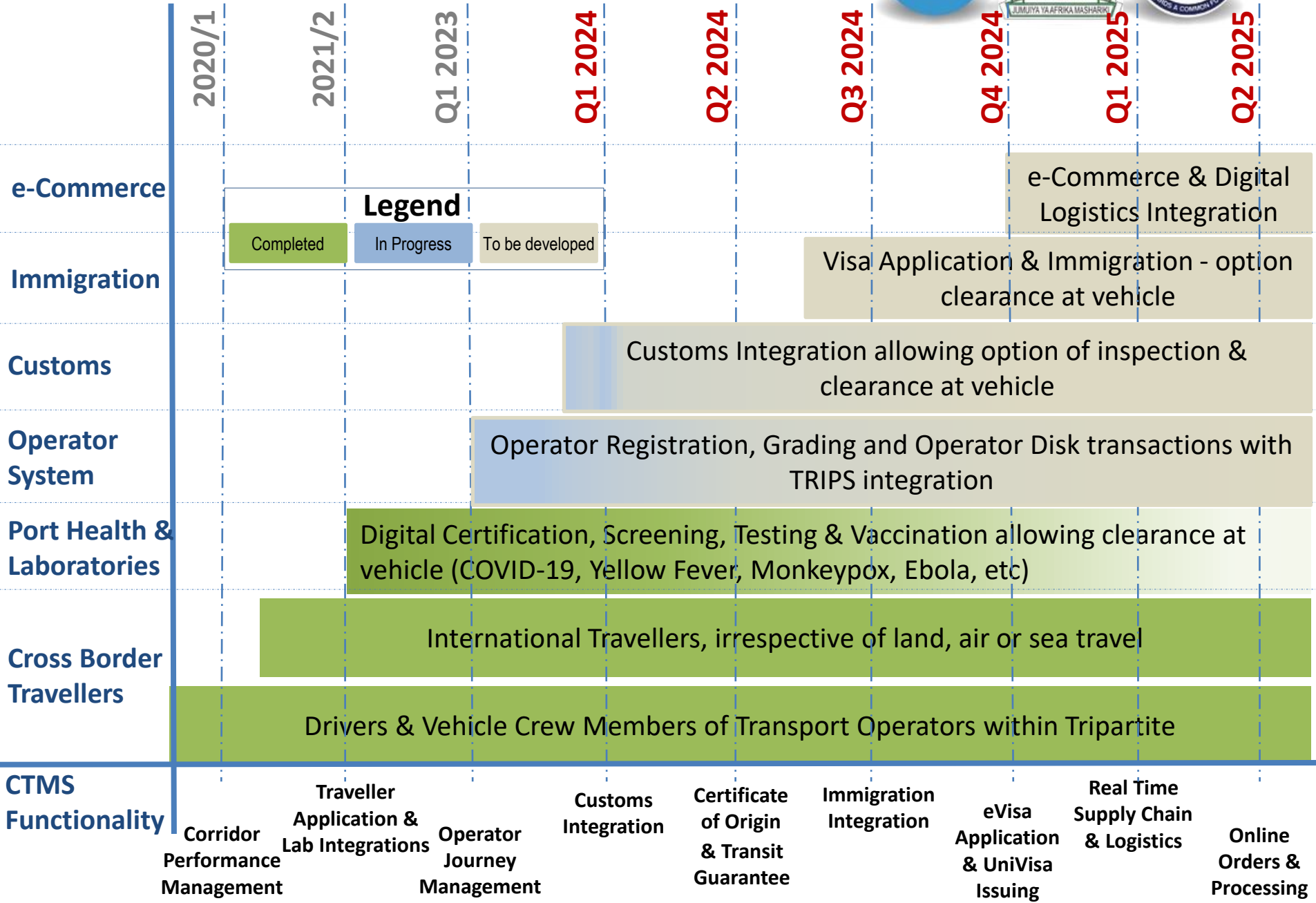
The goals of the RCIIS are similar to the long-term goals of the CTMS, but the CTMS already incorporate many of the features envisaged for RCIIS and exceed that of the RCIIS. CTMS was initiated by the Tripartite and will extend the RCIIS features to the COMESA & SADC Member States.

Rather than contemplating integration of the CTMS & RCIIS at the maturity of both systems, development of the RCIIS as an integral part of the CTMS extends the depth of scope envisioned for the RCIIS to the width of scope planned for the CTMS.

CTMS /RECTS Footprint



CTMS ROADMAP



CTMS Advantages

- ✓ Hosted system that can be accessed by all participating Tripartite Member States & CMIs (& Continent) irrespective of REC membership
- ✓ Digitalisation, electronic data exchange between system & simplified procedures
- ✓ Enable fast tracking implementation or regulatory reforms
- ✓ Smart Border Post Management Tool for expedited transit facilitation
- ✓ CTMS already integrated with TRIPS and operation enhanced when compliant NTIS are commissioned

Way Forward

Regulation – Although Green Lane transition at border posts for CTMS users will lead to voluntary use, Member States need to legislate mandatory use of CTMS by all cross-border transport operators for consistent procedures & border operations

Development priorities in accordance with Roadmap

- Customs Integration
 - EAC Regional Customs Interconnect Solution on CTMS – contract already awarded [2024-2026]
- Immigration Integration
 - Facilitation of Tourism & Trade in Services (TiS)

Deployment priorities:

- Additional Member States of Tripartite beyond Pilot Implementation and EAC Partner State deployment
- Additional Hosting Sites to Namibia for increased capacity & redundancy (load balancing & failover)
- AUC endorsed integration and roll-out to Continent in collaboration with other RECs

Way Forward- Collaboration

The Tripartite RECs are ready to collaborate with any public and private sector entities that are interested to partner with them on the further development and deployment of CTMS, TRIPS and RCIIS in the interest of achieving the Africa We Want.

DISCUSSION & ENQUIRIES



- TTTFP is a joint programme of COMESA, EAC and SADC
- CTMS/TRIPS is managed by SADC Secretariat on behalf of COMESA, EAC and SADC
- RCIIS is managed by EAC Secretariat

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Equipment at border posts funded by
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Implemented by:



TTTFP, CTMS & RCIIS
are funded by the EU

