



INTERNATIONAL UNION
OF RAILWAYS

LES JEUDIS
DU RAIL
AFRICAIN

**LA STANDARDISATION, QUELS ENJEUX
ÉCONOMICO-FINANCIERS POUR LES RÉSEAUX
FERRÉS AFRICAINS ?**



Mohamed Rabie
Khlie

Message from Mr. Chairman of the UIC – Africa Region

THURSDAYS OF THE AFRICAN RAILS

A promising initiative



1

The growth of digitalisation in rail transport: Experiences overview

2

Standardisation: What are the economic and financial stakes for the african railways ?

180

Platform participants

11600

Impacted persons

2730

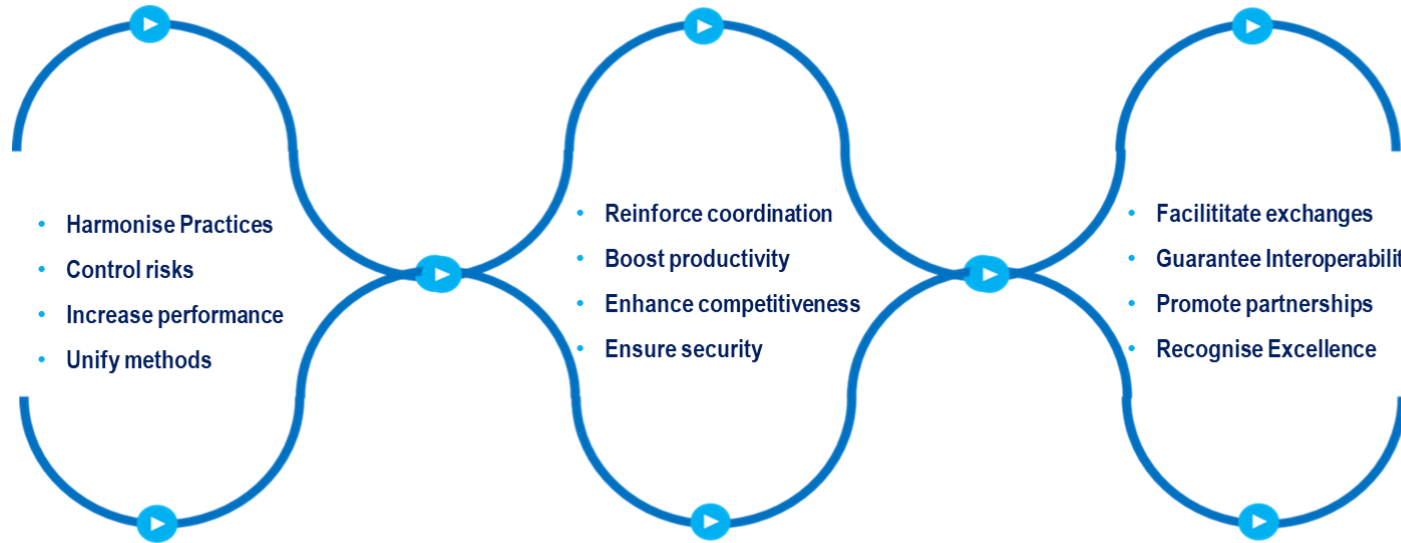
Registration views

1300

Interactions (100% positive)

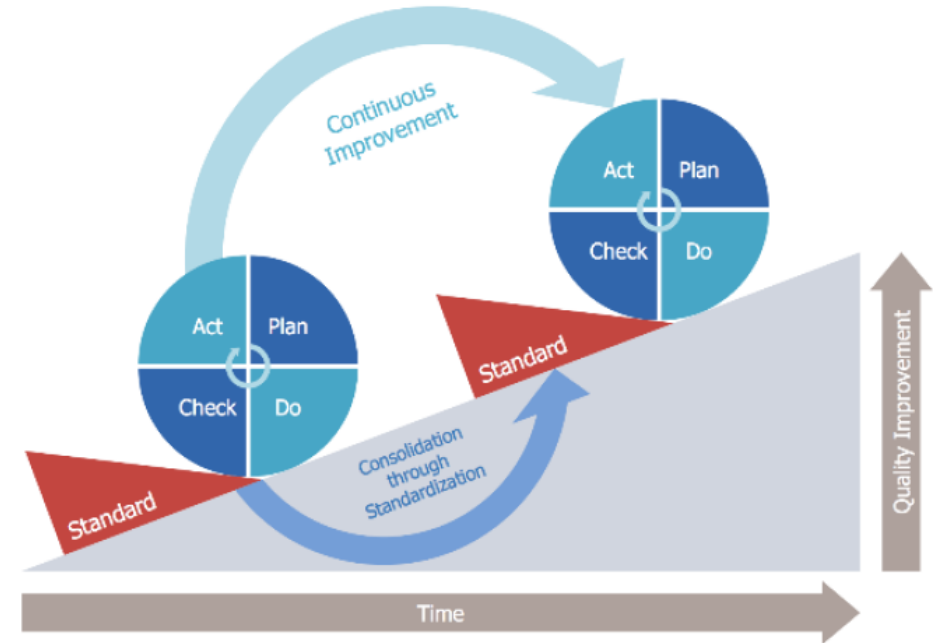
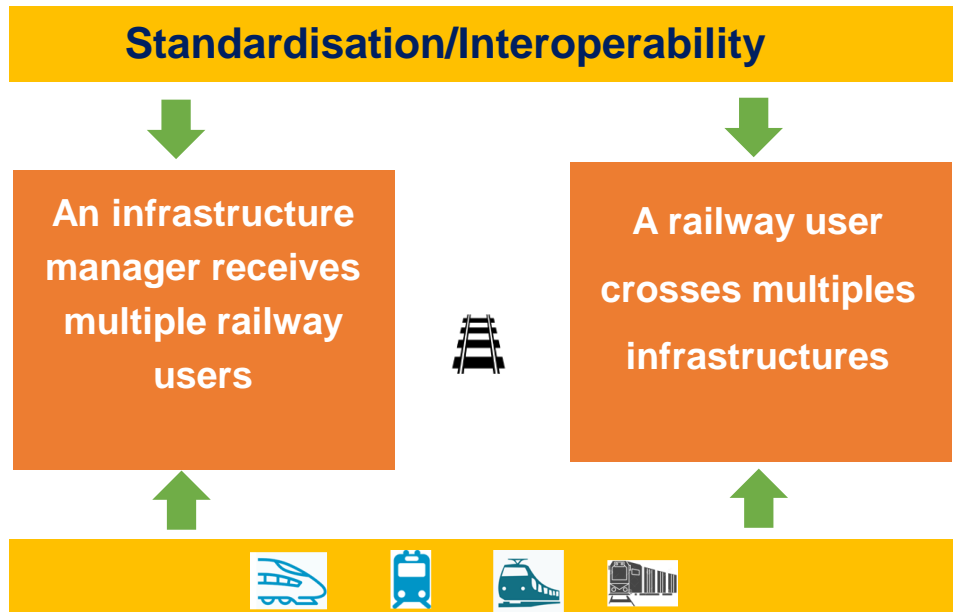
STANDARDISATION IN RAILWAYS

Considerable added-value for a specific sector



STANDARDISATION IN RAILWAYS

Major challenges to take on...



Design



Construction



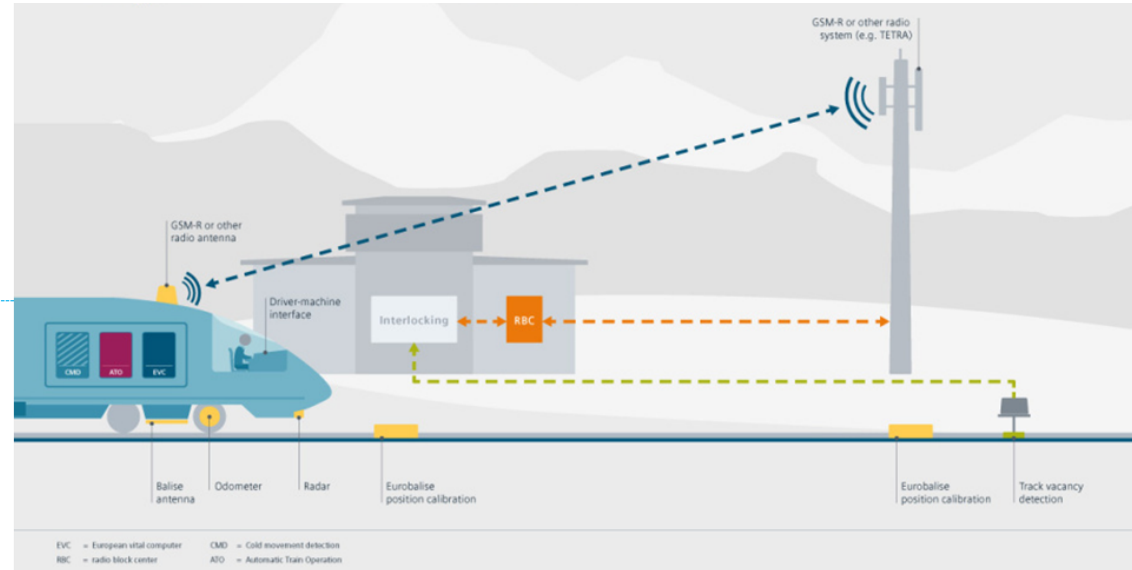
Exploitation



Maintenance



Security case: ERTMS system....



- Remedy to the fragmentation of the railway network
- Standardise the multiple systems of signalling
- Provide economic and technical solutions to interoperability

- No train stops at the borders
- No engine changes at the borders
- No driver changes at the borders
- Use ERTMS standardised driving actions

Four levers to promote...



1

An **investment policy** based on components' standardisation: rehabilitation of pre-existing network and new extension projects

2

Railway expertise development , using the promotion of training, partnership and the sharing of best practices and skills

3

Management system reinforcement, by adopting guidelines that clearly define common rules to ensure safety and efficiency

4

Creation of an **African interoperability and safety Agency** aiming at railway standardisation and normalisation in the continent.





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THANK YOU FOR YOUR ATTENTION

