

# Session 1: ERTMS Status and Outlook

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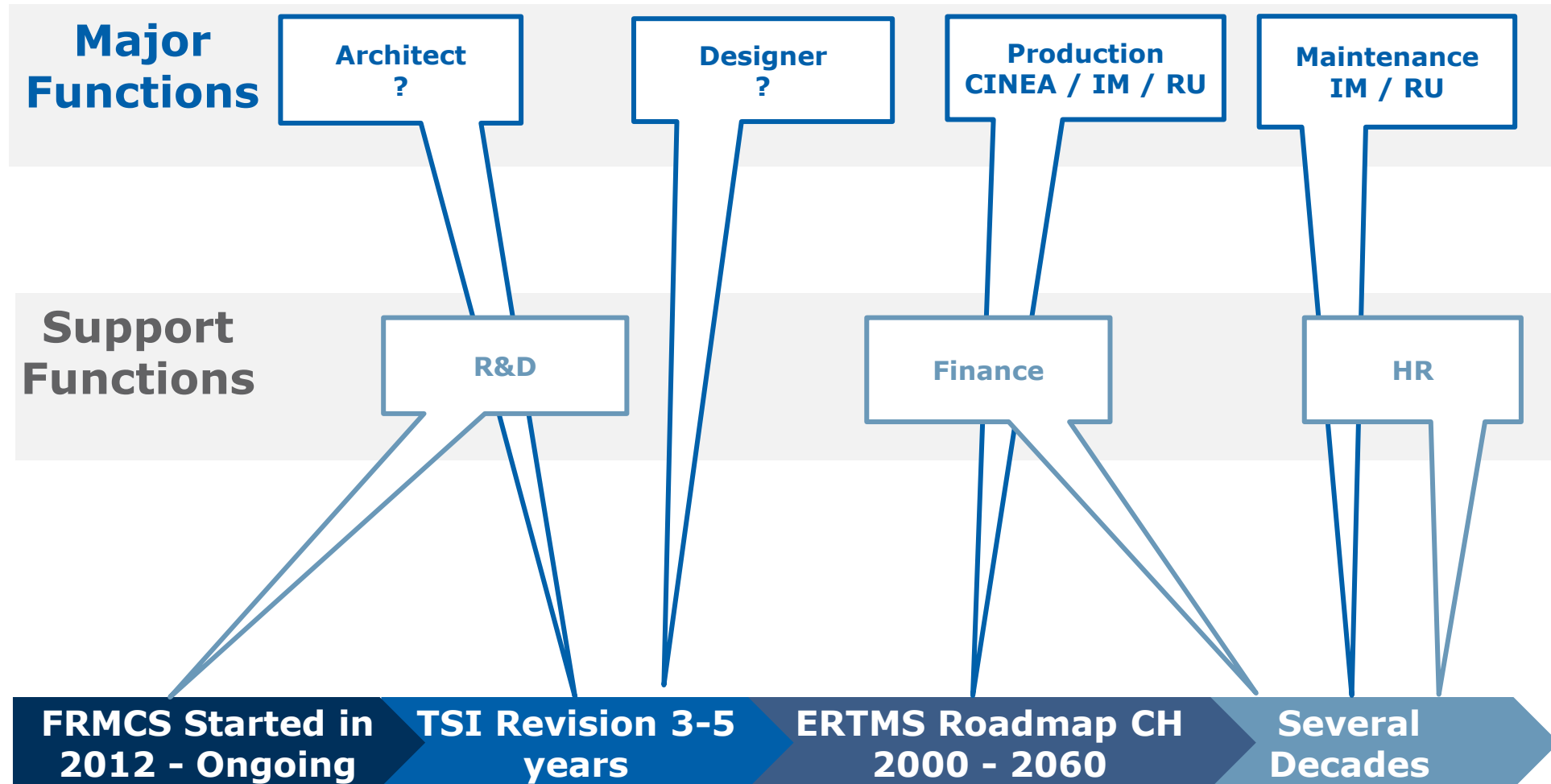
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- Regulation (EU) 2024/1679 for the development of the trans-European transport network states that
  - By 31 December 2030 the railway infrastructure of the core network is equipped with ERTMS,
  - ERTMS is equipped on the railway infrastructure of the extended core network by 31 December 2040 and the comprehensive network by 31 December 2050,
  - Member States shall ensure that class B systems are decommissioned, no later than by 31 December 2040 on the core network, by 31 December 2045 on the extended core network and by 31 December 2050 on the comprehensive network
- The 2030 deadline is unachievable.
- What are the responsibilities if a line is not equipped after the deadline?
- Is going to the moon easier than deploying ERTMS?

# Work Breakdown Structure



# ERTMS Governance

- Currently Spread Out
- We propose integrated governance with EC MS, IM, and consulting RU



- ERTMS Backward and Forward Compatibility
- Efficient FRMCS Deployment
- Consistent implementation and fewer national deviations
- Industrial Capacity required for the deployment
- Cost-Benefit balance

# For further information:

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# ERTMS governance is spread out

## EU ERTMS Coordinator

Supports the coordinated implementation of ERTMS on the TEN-T core network, draws up the ERTMS work plan together with the Member States and monitors its implementation. EU coordinator doesn't have technical and financial levers to boost the timely ERTMS deployment.

## EC / CINEA

Manages European funding to be allocated to ERTMS projects through specific calls. No integrated view between track side and on board ERTMS deployment.



## ERA

Defines the ERTMS technical and legal framework, acting as the system authority for ERTMS and telematics applications.

## Europe's Rail Joint Undertaking

Develops the operational concepts and functional system architecture for a future integrated European CCS system, beyond the current specifications in the CCS TSI

# Proposal of a Centralised European ERTMS Governance (ERTMS GOV)

## Organization

Setting up a ERTMS  
EU centralized  
governance and  
Program  
Management by an  
enforcement role of  
EU ERTMS  
Coordinator, an  
inclusion of the  
Member States and  
the Infrastructure  
Manager, with  
consultation of the  
Railway  
Undertakings



## Role

Decision making,  
coordinating, planning,  
organizing, monitoring

## Fields of action

ERTMS Integrated trackside &  
onboard strategy  
Coordination and monitoring of  
ERTMS NDPs  
Synchronized ERTMS financing /  
funding trackside & onboard  
System Version Management &  
backward compatibility  
CCS Standard and specification  
evolution

# Open points to be solved by an ERTMS Governance

- ERTMS Backward and Forward Compatibility
- Efficient FRMCS Deployment
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