

# **A positive ERTMS business case**

## *The sector priority*

Railtech

28/03/2017, Utrecht

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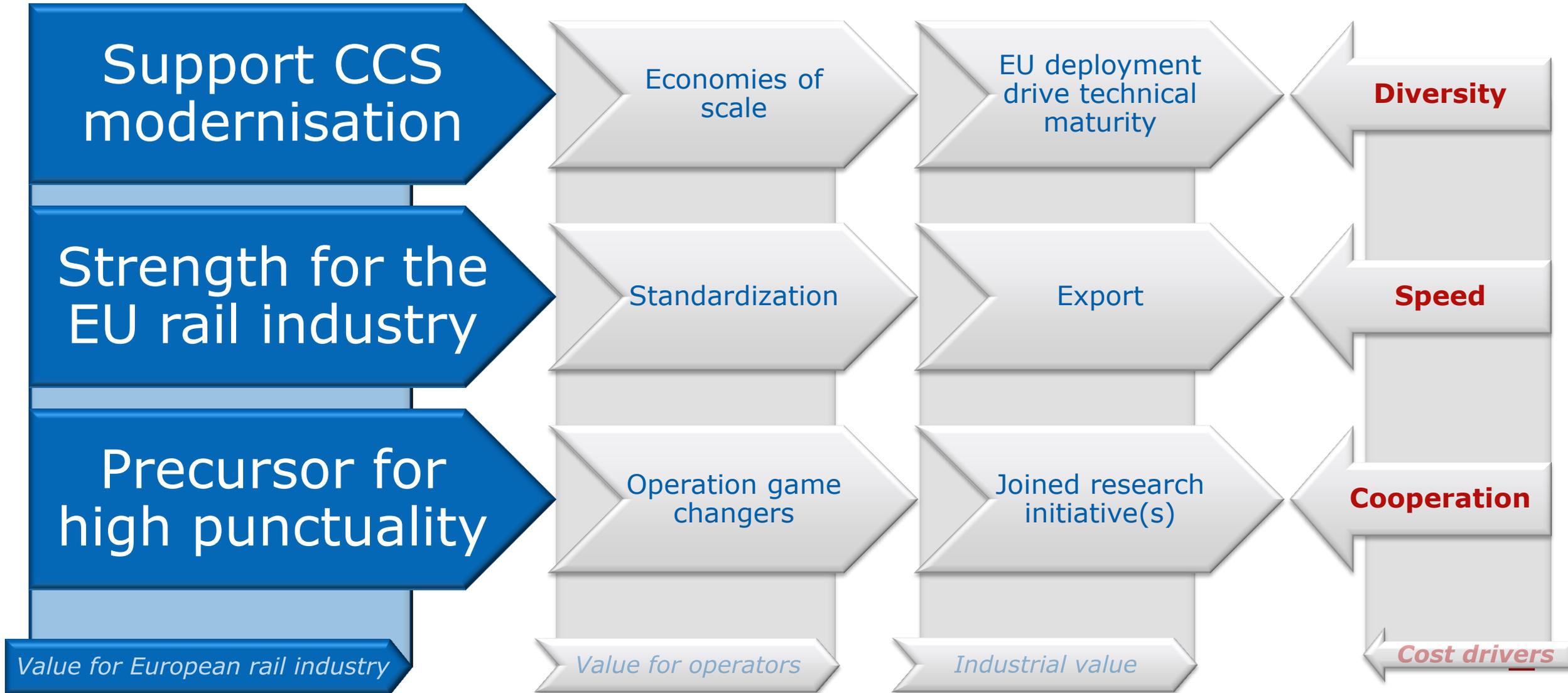
# A positive ERTMS business case the sector priority

ERTMS represent big investments but it is also a preconditions for many rail values.



The availability of the financing instrument is a key driver for the speed of the implementation and deployment of an ERTMS programme.

# ERTMS creates value for European rail, operators and the industry



# While intermodal competition is getting harder, is ERTMS affordable?

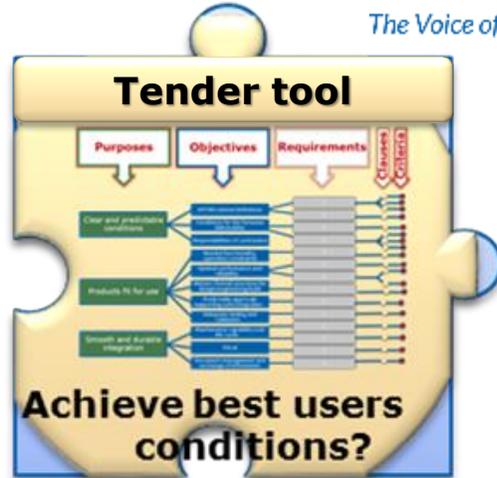
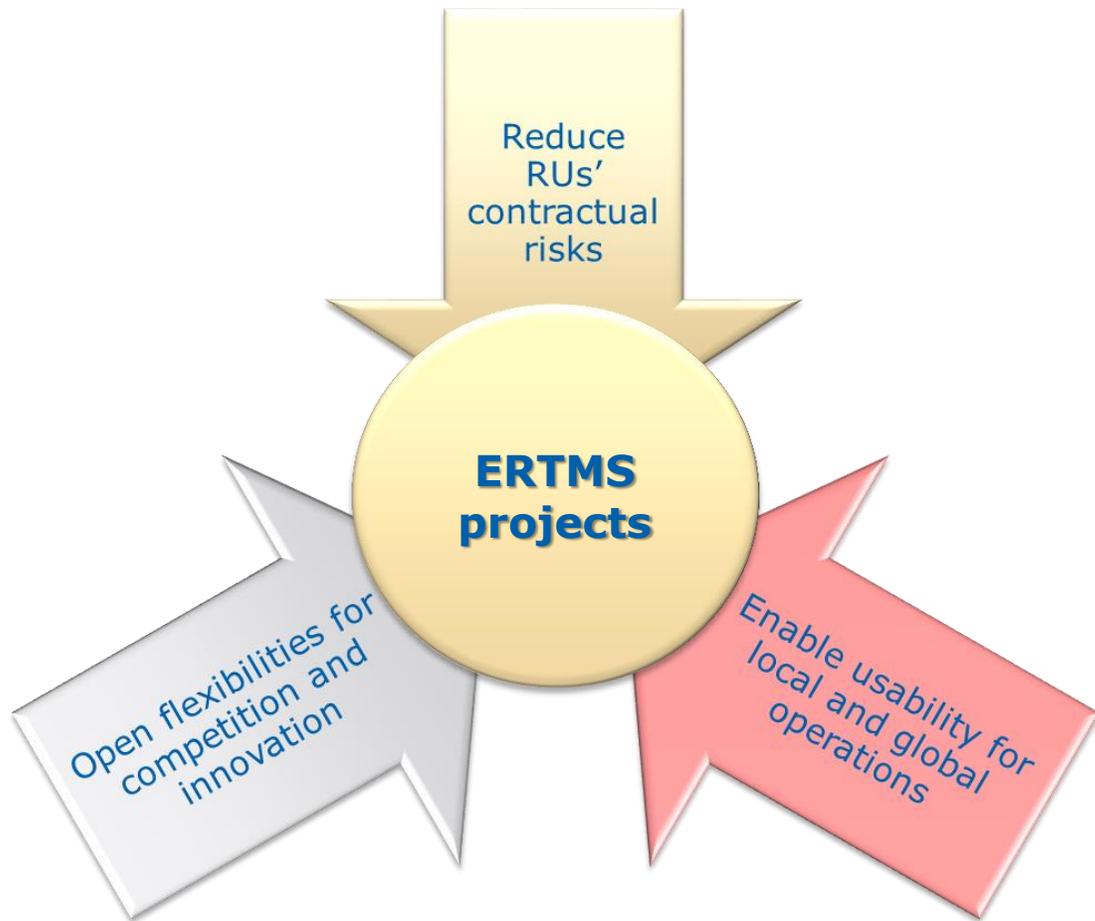
- Can rail afford now the long absence of ERTMS ? Is it a shorter path to reliable Estimated Time of Arrival for freight transport?
- ERTMS deployment can increase rail transport prices. National & EU funding are essential, while private funds would now boost.
- **Financing instrument(s) should now enable business cases with ERTMS for Railway Undertakings.**

# How to enable business cases

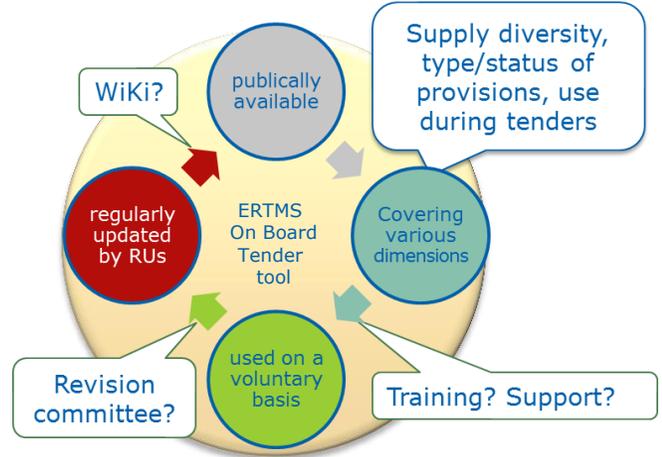
- An **adequate financing framework** that keep rail competitiveness while rebalancing risks, cost and benefits
- A **clear deployment plan** that drive business case for IMs and help for RUs to plan rolling stock retrofitting.
- Stepwise and predictable **optimisation of OBU tendering** supported by legal clarity, powered by **formal** approach and enabling **common development perspectives**.

# Train and business case punctuality through a tender tool

Agreements on harmonised clauses can drive down risks, time and cost for ALL

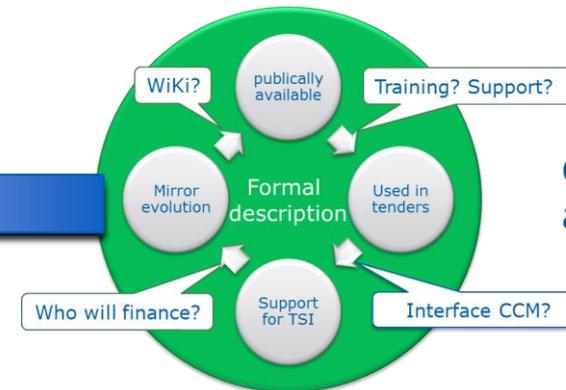
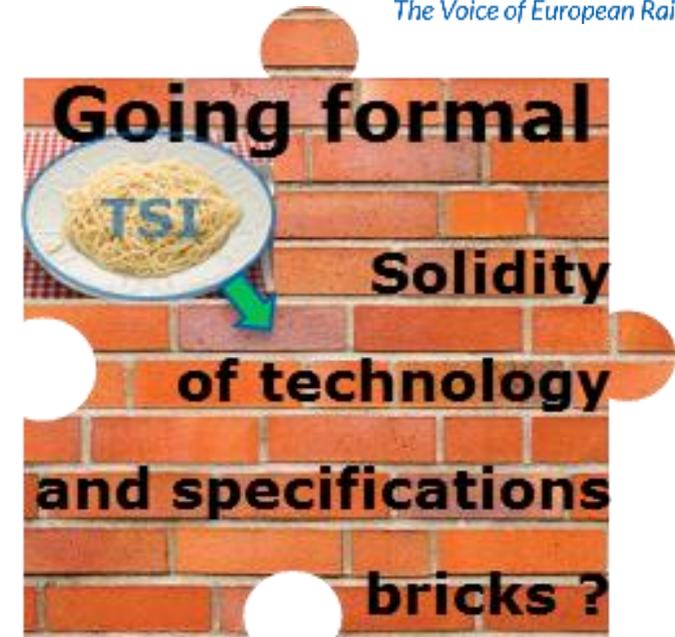
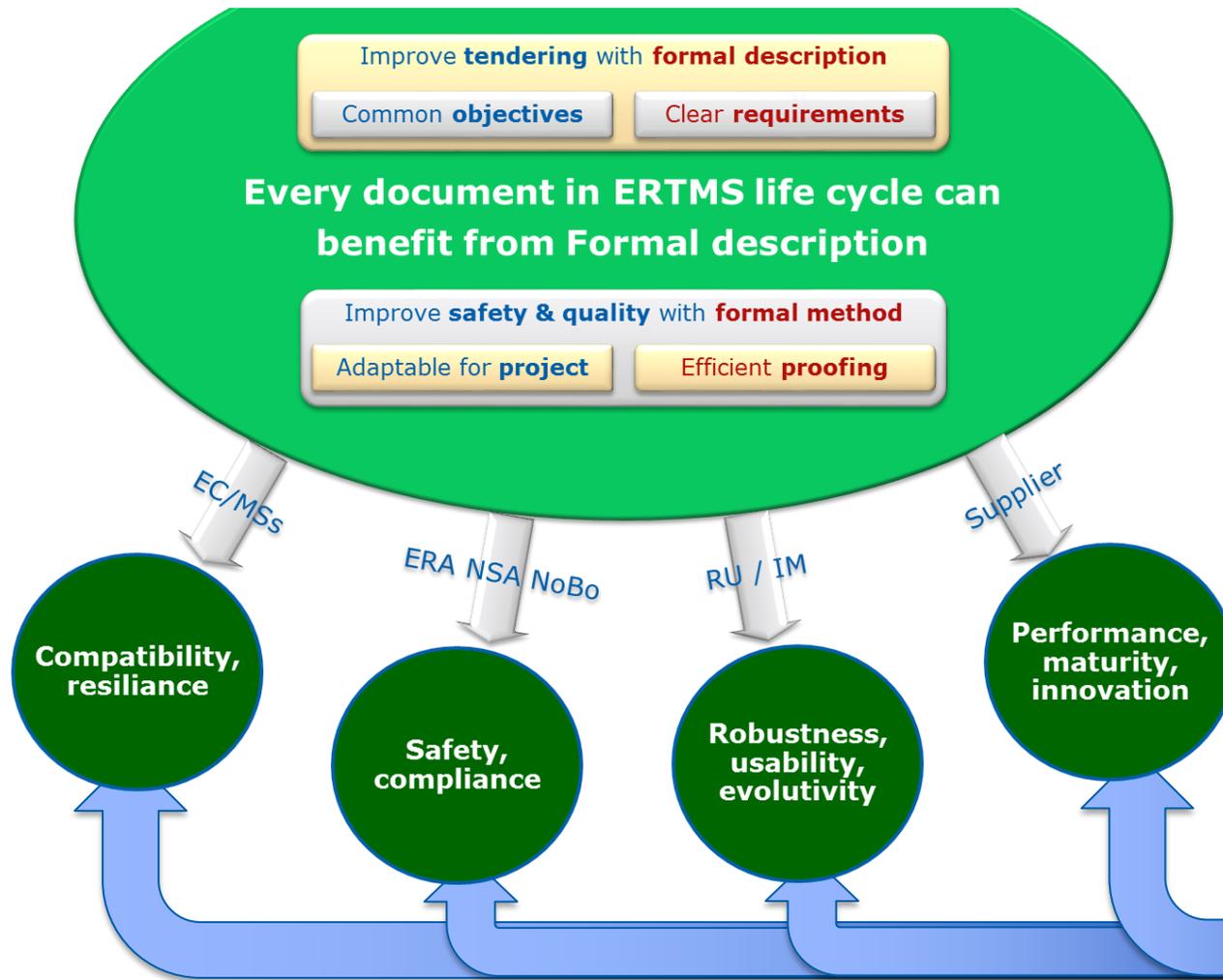


A tender tool for ERTMS is being prepared it will need its **life cycle**



An **OBU tender tool** will help to industrialise business case.

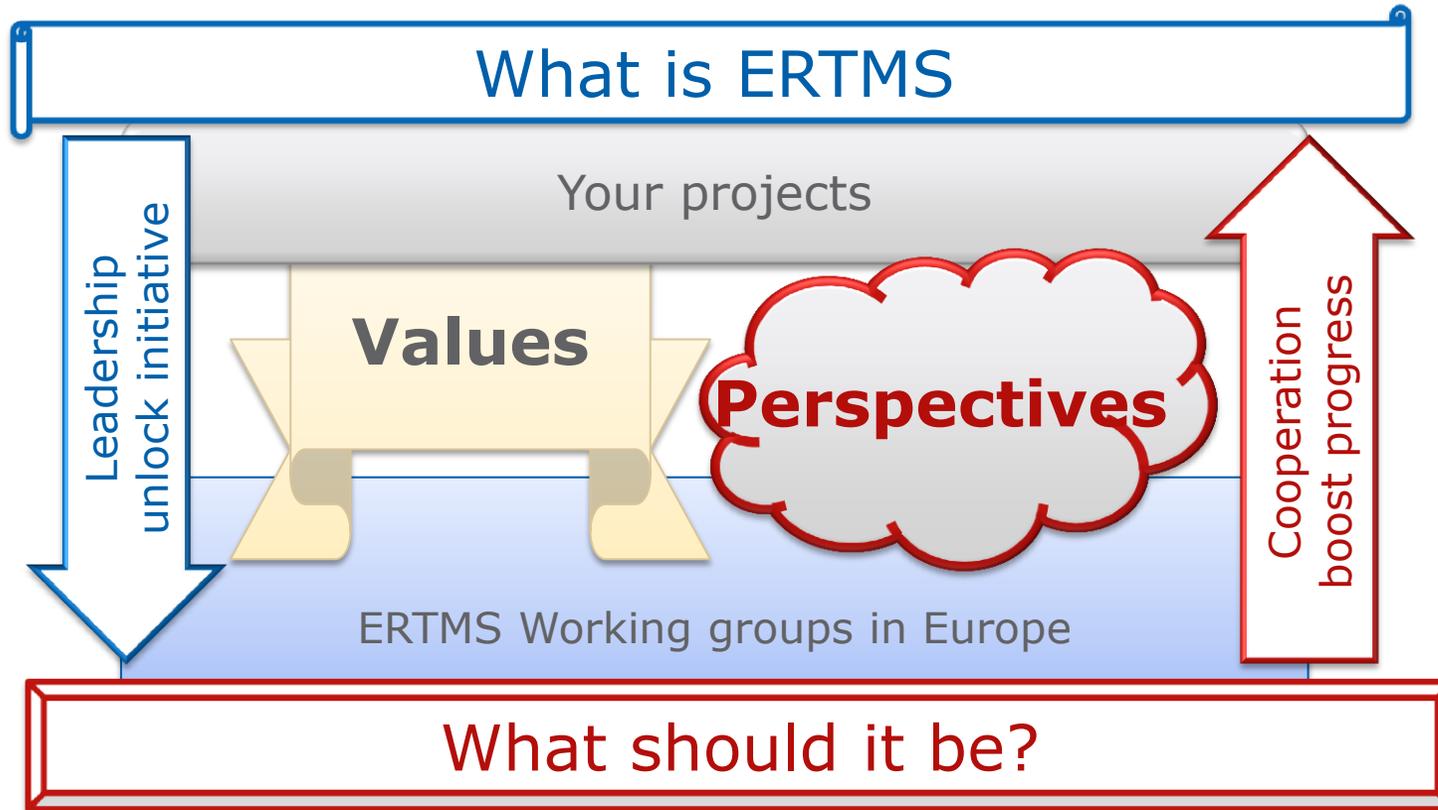
# Providing business case robustness and perspectives through formal description



Going formal is about a **life cycle**.

**Going formal** enable **affordability** and **evolutivity**

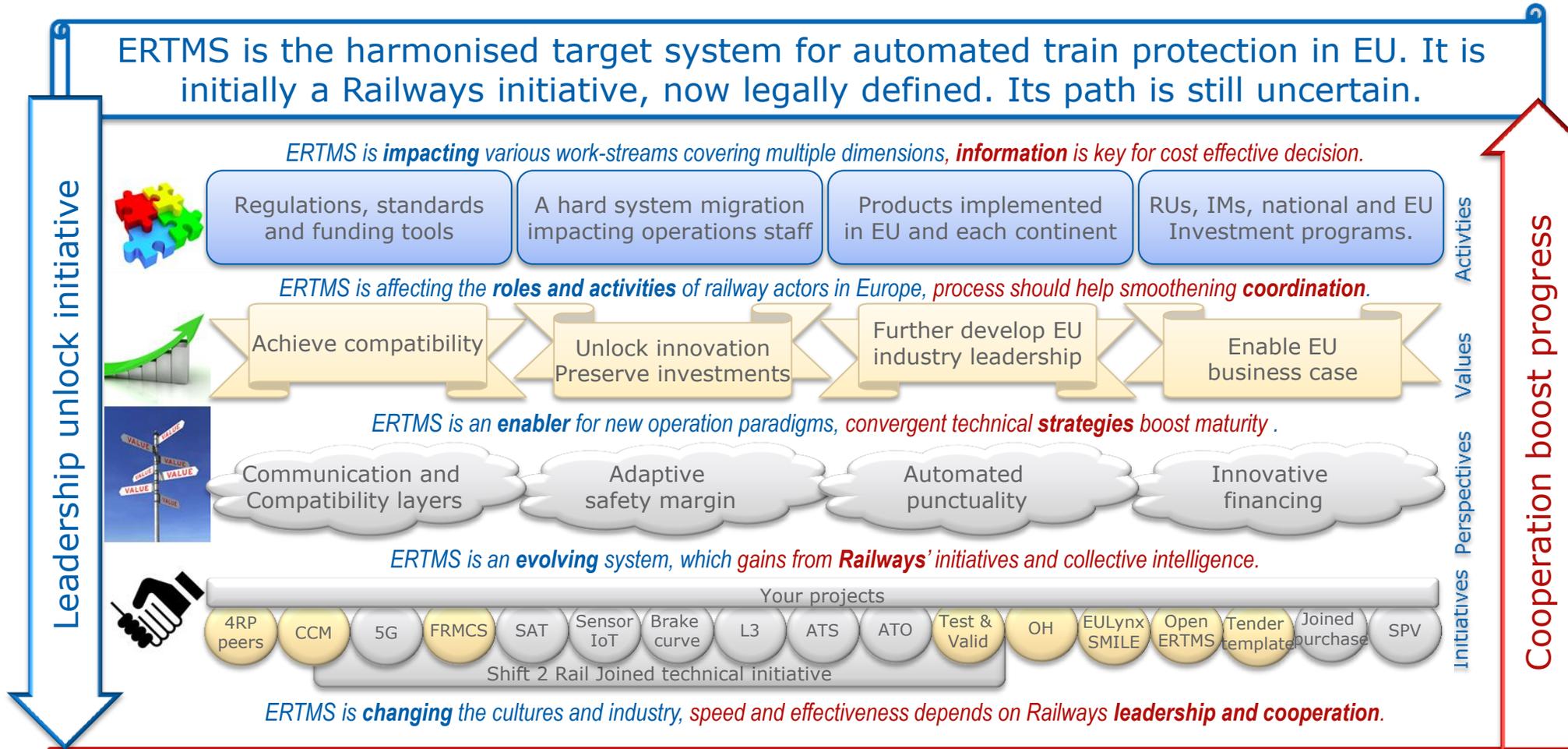
# Perspectives accelerate business cases



ERTMS working groups can provide **common understanding** and create a **collective intelligence**. **Stakeholder should now lead initiatives that bring collective successes. Cooperation between actors will allow to shape quick and convergent paths.**

# Various parameters will make the ERTMS cases in Europe

What is ERTMS?



What should it be?

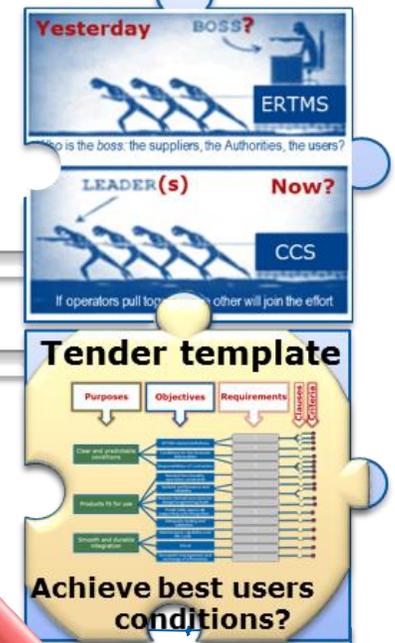
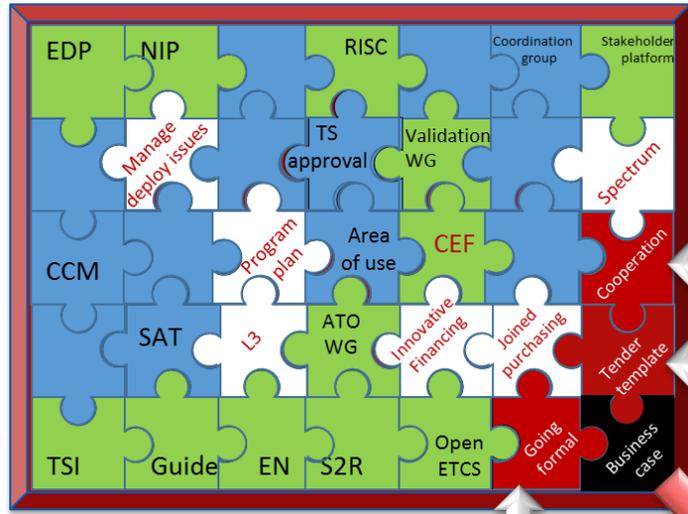
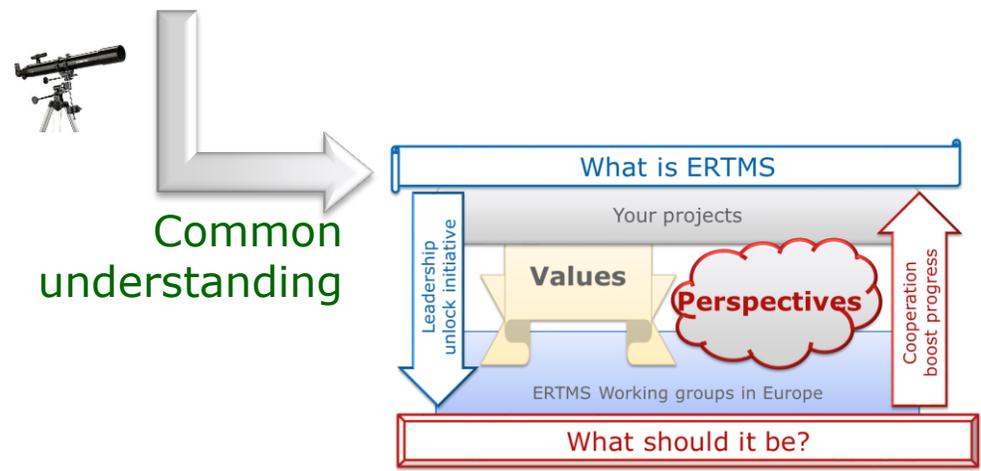
ERTMS could become a configurable solution, used by every EU actor, and providing resilient automated systems supporting rail operations?



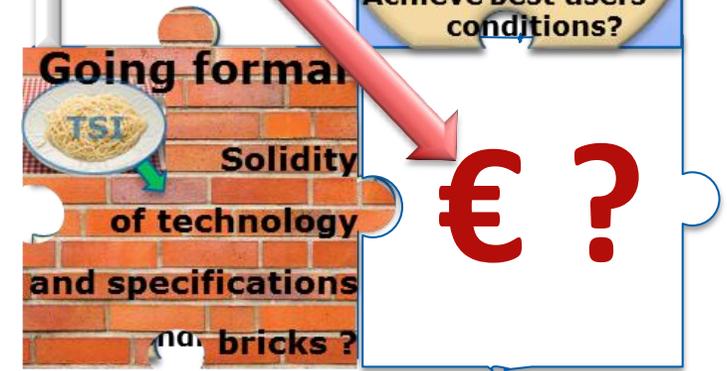
# It is possible to access ERTMS business cases

ERTMS is a big evolving puzzle.

Some pieces are still missing.



- **A business case is achievable and necessary.**
- The large scale of ERTMS program should now enable that any industry projects and initiatives will grow and accelerate business cases for each of the European railway actor.



# For further information:

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