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CCS TSI

current activities

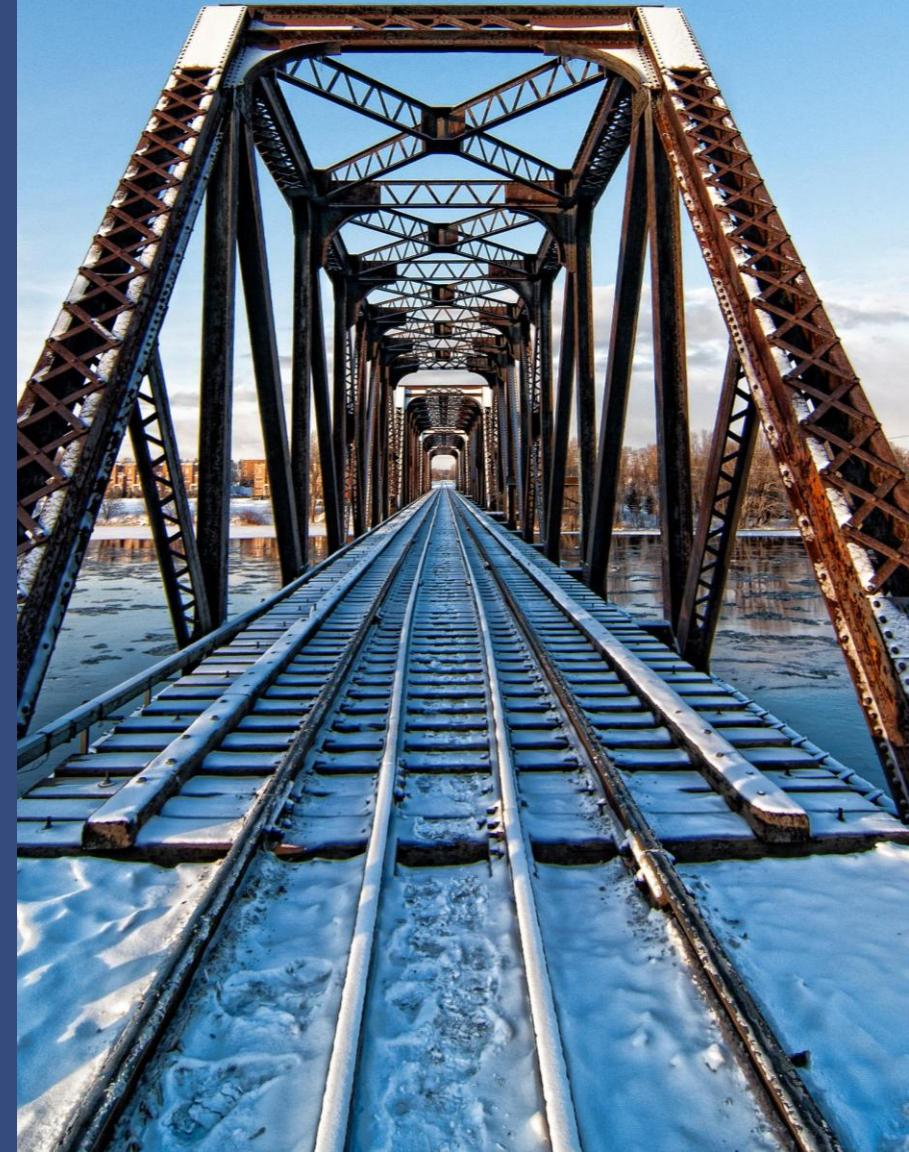
Jo De Bosschere | 20.01.26 | Prague



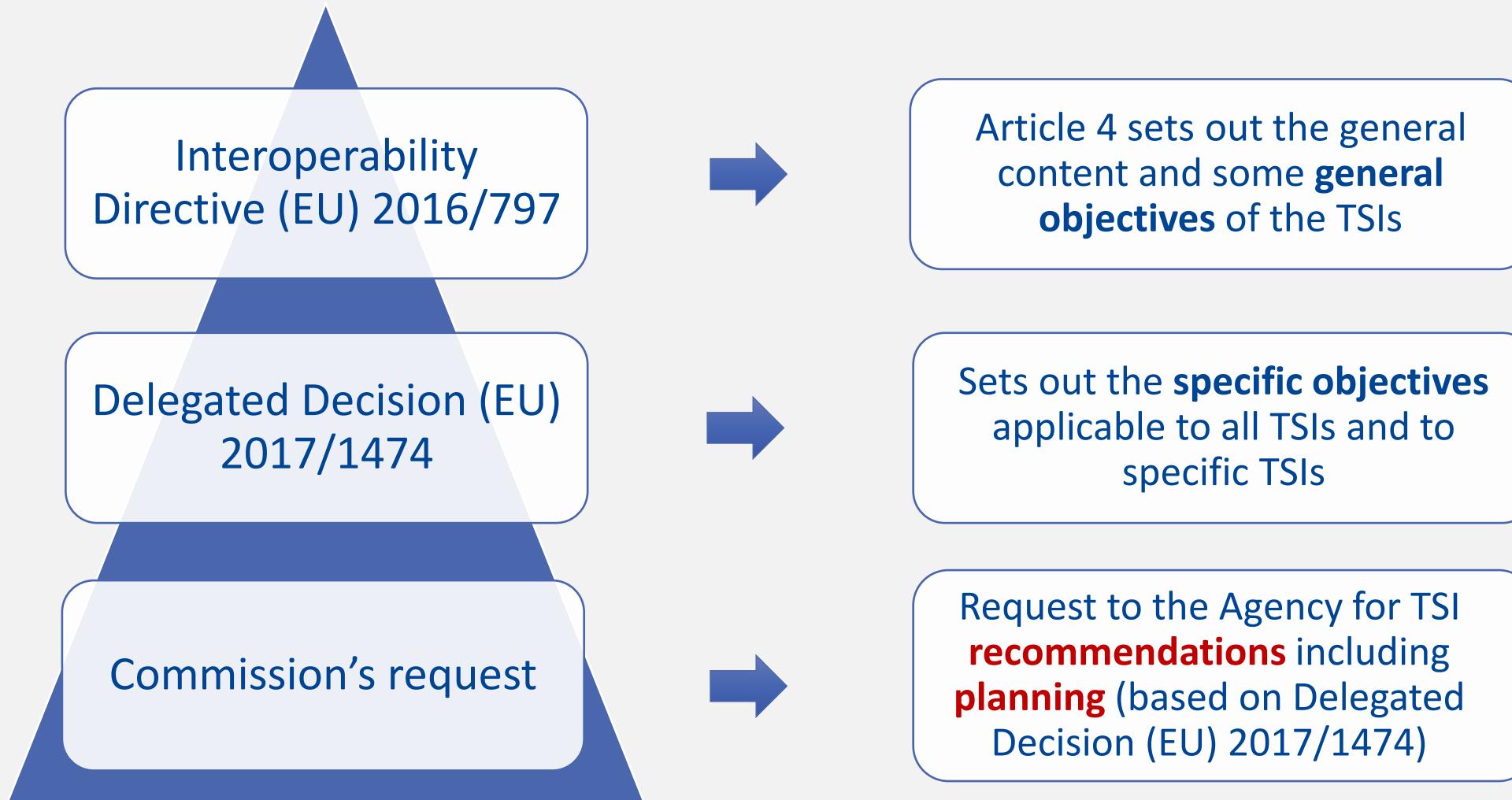
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Agenda

1. Changing TSIs : Why and how
2. EC Request 2024
3. CCS TSI activities
4. Other ERA activities linked to ERTMS



Legal Basis for the Regulatory Technical Framework (TSI: Technical Specification for Interoperability)



Process to update TSI → Recommendation process

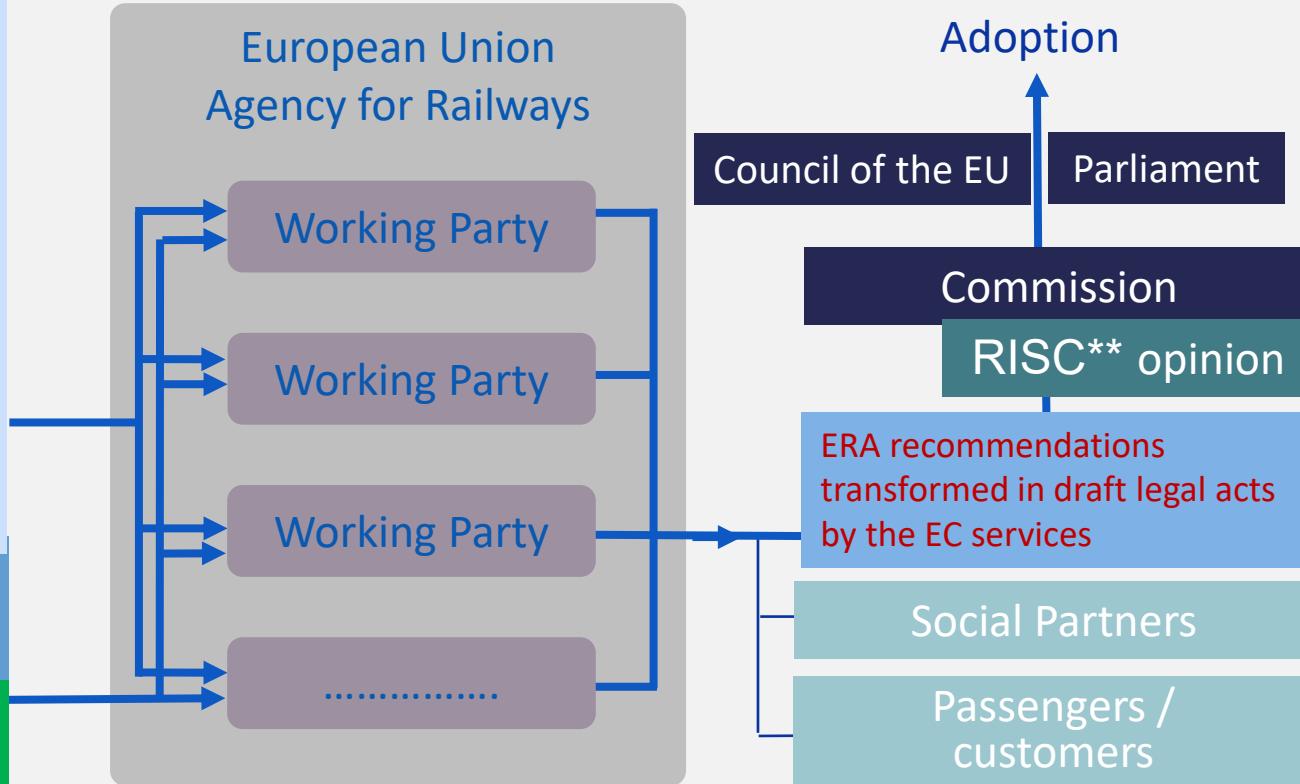
Sector organisations
acting at EU level*:

ALE, ALLRAIL, EAL,
EIM, CER, ERFA,
FEDECRAIL, NB Rail,
UNIFE, UIP, UITP,
UIRR, GSA, AERRL

representatives /
experts

National Safety
Authorities' experts

If necessary, other
competent experts



* The list of these representative bodies is established and amended by RISC Committee

** Railway Interoperability and Safety Committee (Member States)



EC Request 2024.08

- **All TSI impacted** (CCS, OPE, Loc&PAS, WAG, NOI, PRM, INF, SRT, TELE) + registers
- **Policy objectives** (# topics)
 - Completing SERA (36)
 - Optimised Regulation (16)
 - Innovation Uptake and Futureproof Rail system (22)
 - Additional Studies (7)
- **Dates** for ERA Recommendations
 - REC 26
 - REC 28
 - After 2030
- Outputs from **System Pillar** (topics linked with STIP: Standardisation TSI Input Plan) = input for ERA Working Parties / EECT ETCS – EECT RMR

CCS TSI activities – EC request

- EC Request for CCS TSI

- Completing SERA
- Optimised Regulation
- Innovation Uptake

15 topics
09 topics
11 topics

Specific WG created for EC request

- ESC
- Engineering Rules
- EC-OR12 (massive retrofit)

Analysis System Pillar – Pré-assessment files

ERA multidisciplinary team

CCS TSI activities

- Application guide CCS TSI – 3rd release
- Amendment CCS TSI (voted RISC Nov)
- TO – AMOC on SS-076, SS 153
- Train Detection System – info for specific cases

CCS TSI WP

Train Detection Compatibility WP

Maintenance activities – ECTS System Authority

- Error corrections Change Requests
- BCA and Questionnaires

EECT ETCS / EECT RMR

Enhancements – ETCS system Authority

- FRMCS specifications with Sector

EECT RMR

Other ERA activities linked to ERTMS

Baseline 3 – FRMCS compatibility

- ERA TO 2024
- Further analysis based on input sector
- Alignment with EC on next steps – way forward

ERA link with ERTMS deployment

- Support CINEA – Technical expertise for review of calls
- Support to EU ERTMS Coordinator - ERTMS Forum
- Support to EC on specific items

ERA tasks (4th Railway Package) – ERTMS related

- ERTMS Trackside Approval
- Vehicle Authorisation

Next ERA REC for CCS TSI update

- **Focus on availability of FRMCS specifications – standalone REC**
- **Stability of specifications**
- **Define scope of maintenance release**

THANK YOU

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