

Feedback from WS10: ERTMS ETCS trackside engineering rules and their effect on operations

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Main conclusions:

- ✓ Harmonised trackside engineering is essential for operational interoperability.
- ✓ Human and Organisational Factors (HOF) should be taken into account when engineering an ERTMS trackside system.
- ✓ The repeated application of modular “building blocks” for ERTMS trackside is a key enabler for efficient deployment of interoperable infrastructure.

Next steps to consider:

- ✓ Integration of EUG Engineering Guidelines under CCS TSI Application Guide
- ✓ Mandatory implementation of a minimum set of ETCS functions on the trackside
- ✓ Formally involve signallers and train drivers during trackside system engineering