



Directorate-General
for Energy
and Transport

TEN-T Info Day 2009 ERTMS Call for Proposals



EUROPEAN
COMMISSION

ERTMS Call for Proposals

1. Equipment of trainsets or locomotives
2. Equipment of lines
3. { Testing and validation
Upgrade of lines and locomotives equipped with previous versions
Other activities related to the MoU

- Priority**
- ✓ Freight routes
 - ✓ National deployment plans
 - ✓ Jointly-submitted (MS, IMs, operators)



Funding

Indicative amount

- €240 million

Rates

- **On-board:** a maximum of 50% of the eligible cost, with ceilings (also applicable to prototypes).
- **Track-side:** a maximum of 50% of the eligible cost of studies and works, with a ceiling.
- **Activities related to implementation of the MoU:** a maximum of 50% of the eligible cost.

● Activity 1 Fitting or retrofitting ETCS onboard

Funding limited to

- Actions fitting or retrofitting ETCS version 2.3.0d or version 3.

Ceilings: Eligible Costs

- Existing locomotives or existing traction units: €150,000 per ERTMS equipment
- New locomotives or new traction units: €100,000 per ERTMS equipment
- High speed – same as above
- Prototypes – same as above

● Activity 1 Fitting or retrofitting ETCS onboard

Specific Priorities

- Early retrofit (starts 2009 and ends by 2011)
- Higher priority for actions finishing in 2009 or 2010
- Commitment to *only* order/purchase new locomotives with ERTMS will be considered positive during the evaluation
- Actions with contract that includes option to upgrade to ETCS version 3 – quality of proposed upgrade clause will be considered during the evaluation

● Activity 1 Fitting or retrofitting ETCS onboard

Application checklist

- ✓ Essential information (main characteristics and technical information)
- ✓ Interoperability statement (including test details)
- ✓ Work package for verification of conformity
- ✓ Certification procedure
- ✓ Activities of Notified Bodies

● Activity 2 Installing ERTMS trackside

Funding limited to

- Activities related to cabling, interfacing with existing systems, balises and certification
- Interlockings not considered ERTMS trackside equipment and will not be funded under ERTMS call

Ceilings: Eligible Costs

- *Double-track* line equipped with ERTMS: €150,000 (*includes testing and conformity verification*)
- Specific situations (e.g. marshalling yards) treated case-by-case
- Not included in the ceiling: costs related to cross-tests, operational scenarios, tests with reference labs

● Activity 2 Installing ERTMS trackside

Specific Priorities

- Actions contributing to coordinated deployment of ERTMS
- Proposals submitted jointly / coherent manner by several MS, or organisations involving infrastructure managers
 - Actions along freight corridors
 - Actions referred to in national deployment plans
- Proposals which start in 2009 and completed as soon as possible (2013 at the latest)

● Activity 2 Installing ERTMS trackside

Application checklist

- ✓ Essential information (main characteristics and technical information)
- ✓ Interoperability statement (test activities, cross-test plan)
- ✓ Info about involvement of reference laboratories
- ✓ Certification procedure
- ✓ Activities of Notified Bodies

● **Activity 3** **Accelerating implementation of the MoU**

Upgrade of lines already equipped to ensure compatibility with 2.3.0d

- MS shall have notified, pursuant to Commission Decision 2008/386/EC the time by which trains compliant with the TSI (2.3.0d) can operate on the lines concerned
- Detailed description of all incompatibilities
- Description of precise tests

● **Activity 3** **Accelerating implementation of the MoU**

Upgrade of locomotives/trainsets to ensure compatibility with 2.3.0d

- Commitment to run tests in reference laboratories and to communicate results to European Commission
- Detailed description of all incompatibilities
- Description of precise tests

● **Activity 3** **Accelerating implementation of the MoU**

Application checklist

- ✓ List of change requests (CRs) implemented
- ✓ List of change requests (CRs) not implemented
- ✓ Testing strategy for proving conformity

● **Activity 3** **Accelerating implementation of the MoU**

Development of baseline 3 and improving testing

- Validation and testing of SRS version 3
- Support to ERA activities related to version 3

Strengthened coordination / technical compatibility at corridor level

- Proposals to be submitted by entity representing several Infrastructure Managers

Other activities aimed at implementing MoU

- To be evaluated on a case-by-case basis