



Update from ERA

ERESS conference
Madrid, 25/05/2016

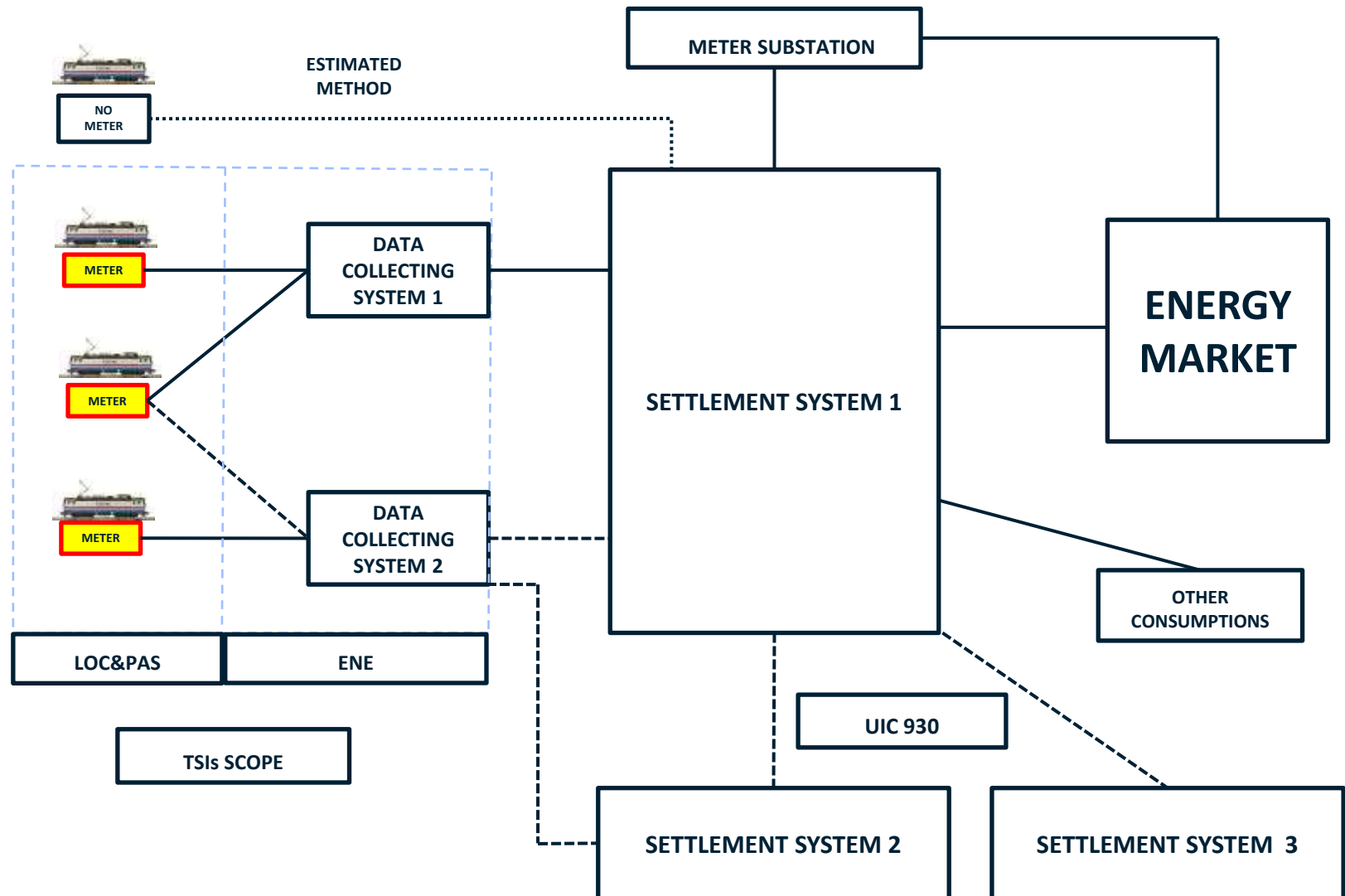
Ignacio Ballester Aliaga, Project Officer at ERA

- 1. Current status TSI ENE / LOC&PAS**
- 2. ENE and LOC&PAS TSIs. Responsibilities**
- 3. Closure of the open point in ENE/LOC&PAS**

TSIs: current status: LOC&PAS and ENE TSI



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ENE TSI:

On-ground energy data collecting system (4.2.17)

- ❖ *The on-ground energy DCS shall **receive, store and export CEBD** without corrupting it. The DCS is **not in** the scope of assessment of **NoBos** (Table B.1)*

LOC & PAS TSI: ON-BOARD EMS

- ❑ *4.2.8.2.8 of LOC & PAS TSI contains the **requirements** for on-board **EMS** intended to produce and transmit the **CEBD** to an on-ground energy **DCS**.*
- ❑ **APPENDIX D - ON-BOARD ENERGY MEASUREMENT SYSTEM**

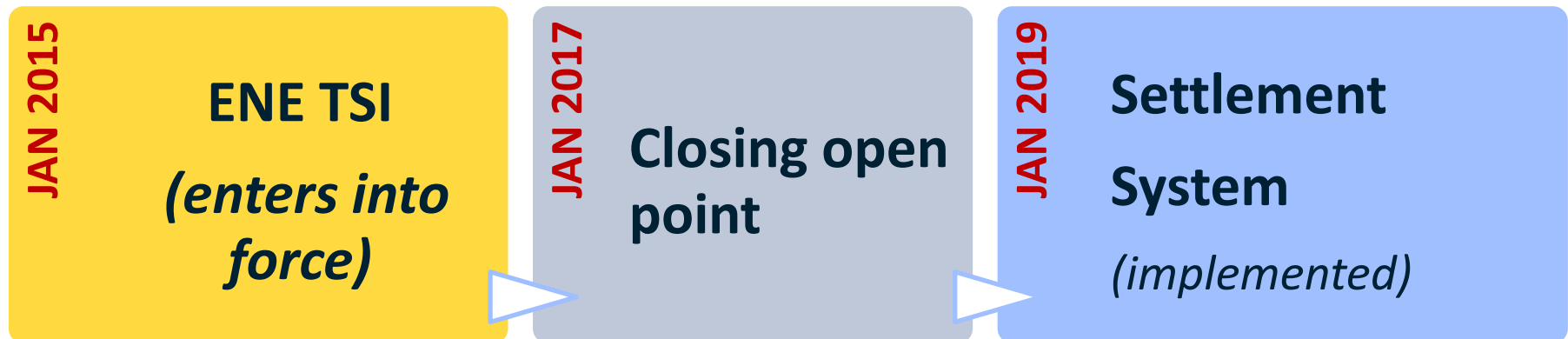
Legal part, article 3:

*The fitment of the on-board EMS is **mandatory** for **new, upgraded and renewed** vehicles intended to be operated on **networks** equipped with the on-ground energy DCS as defined in ENE TSI.*

ENE and LOC&PAS open point - Responsibilities

ENE: settlement system.

- › **Member States** shall ensure that a settlement system capable to receive data from a DCS and accept it for billing is implemented.
- › **Time Schedule:**
- › Entry in force: 1st January 2015
- › Closing open point: expected January 2017 (*1st quarter 2017*)
- › Settlement System implemented: January 2019 (*1st quarter 2019*)



Open point:

The specifications for the energy measuring system related to the interface **protocols** between on board-on ground and transferred **data format**.

Groups working on closing the open point:

- › ERA TASK FORCE
- › CENELEC GROUP (more info on the status of EN 50463 will be provided in the afternoon session)

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