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Right On Track

Workshop I

How to meet the new European standards

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Energy Management

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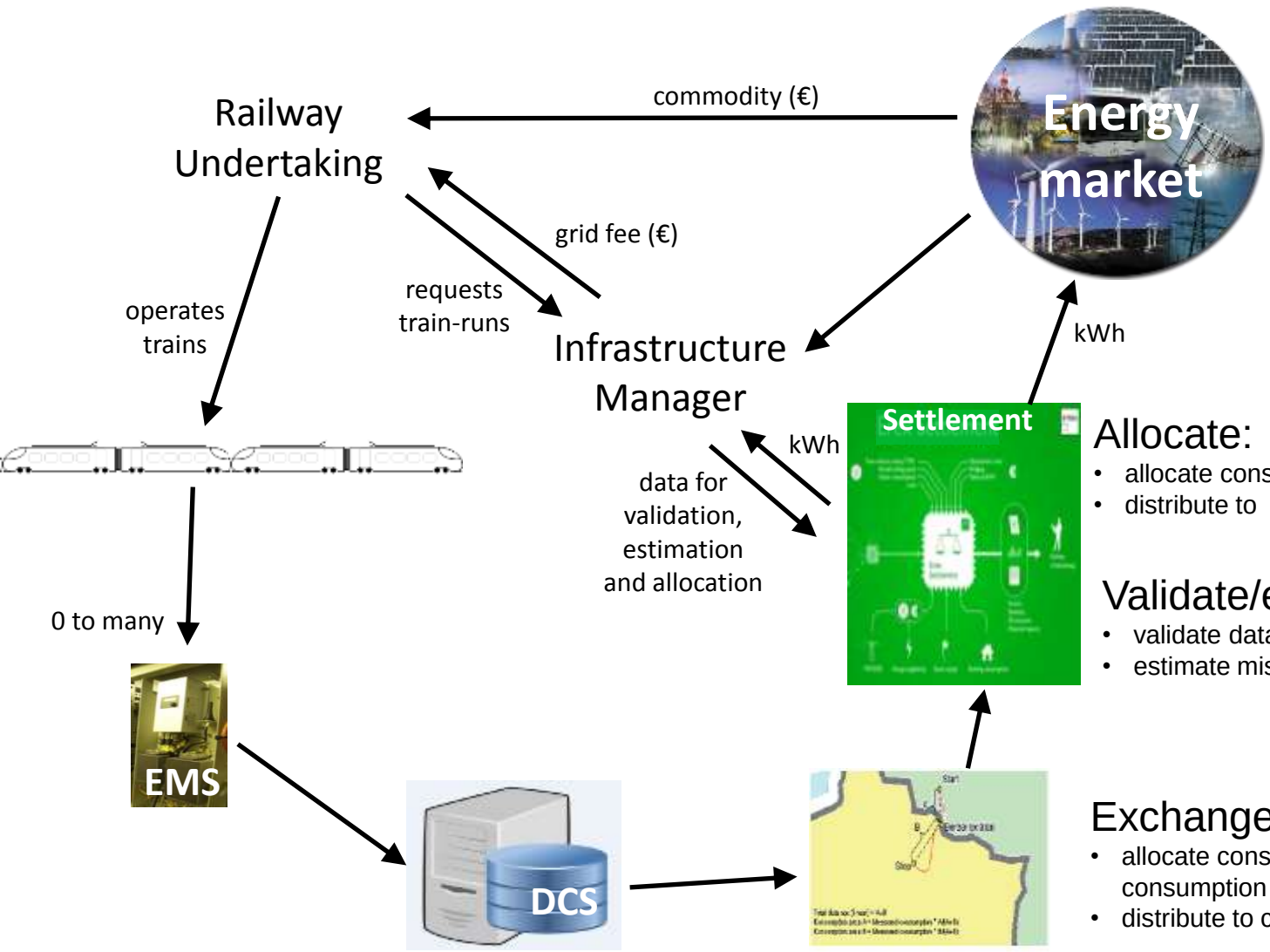

Allocate:

- allocate consumptions to the correct end user
- distribute to correct actors in energy market

Validate/estimate:

- validate data coming from EMS
- estimate missing data

Exchange:

- allocate consumption to country where consumption took place
- distribute to correct settlement system

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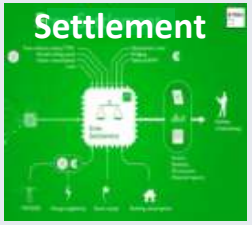
	Directive / TSI	Standardisation
	11/2014: CR 1302/2014 Art. 3: Mandatory on new, upgraded and renewed vehicles **LOC&PAS TSI** Art. 4.2.8.2.8	**EN 50463:2012** No important changes in EN 50463:2017 on EMS
	Open point 10/2014: RfS > CENELEC 10/2016: Report to RISC 01/2018: Voting on RISC	**EN 50463:2017** 03/2017: Positive vote of all NC's 07/2017: Available at all NC's 01/2018: EN 50463:2012 withdrawn
	11/2014: CR 1301/2014 Art. 9: Two years after closing open point **ENE TSI** Art. 7.2.4	**EN 50463:2012** Adjusted in EN 50463:2017
	**11/2014: CR 1301/2014** Art. 9: Two years after closing open point. Able to exchange, validate and allocate. Taking into account legislation energy market.	**UIC 930** Revision has started. UIC Members can still join project 2018/ENV/568 (request your UIC-contact to show interest)

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Updating UIC leaflet 930

UIC members have to indicate interest to join project 2018/ENV/568

- Small improvement to existing UTILTS data exchanges
- Updating of border crossings points and polygons around networks.
- Updating the role model:
  - → What are different actors?
  - → What are tasks and responsibilities of these actors?
- Validation, estimation and allocation:
  - → Should we standardise these activities?
- XML exchanges:
  - → What exchanges should get standardised?
  - → Can we reuse XSD's from EMS to DCS?

Case studies

13:05 ÖBBs' case
Michael Bares, ÖBB

13:15 What's next for Energy Metering
Roberto Bonomi, Ciesse

13:25 Conformity assessment
John Hegarty, SBB

13:40 Standardization work in Finland at FTA
Rami Huovinen & Iiris Saarenpää

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Discussion topics (13:55 to 14:25)

- Conformity assessment
  - ❑ What are the roles of the different stakeholders in the conformity assessment process? Who should do what?
  - ❑ How could the conformity assessment be simplified and so reduce costs?
  - ❑ Which specific questions regarding EMS conformity still need to be clarified?
- Recalibration and reverification
  - ❑ What is requested by the suppliers? Are these requirements accepted by Notified Bodies? Do they request extra tests?
  - ❑ Do the suppliers offer tools to be able to recalibrate a sensor? Who has already experience with this?
- Regulatory and standardisation framework
  - ❑ What is not yet sufficiently specified?
  - ❑ Who should offer services using the data from the Reading Block or real time measurements? EMS suppliers? Independent software companies? Eress?

- Call for sponsors and speakers is open
- Focus on digitalisation and data security
- Invitation to RU, IM, industry, associations and universities
- Overview on legislation, standardisation, research and applications
- Applications related to passengers information, traffic management, driving advisory systems, automatic train operations, energy metering, maintenance, security of legal data and video surveillance.
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