# ELETA and the Revision of the TAF TSI

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EUROPEAN
UNION
AGENCY
FOR RAILWAYS

**Competition**
(by other modes)

Derail

**Fragmentation**
Hold back

Operational Excellence
Vorwärts.

Push

**Sustainability**
(Decarbonisation)

Keep on track

**Safety**

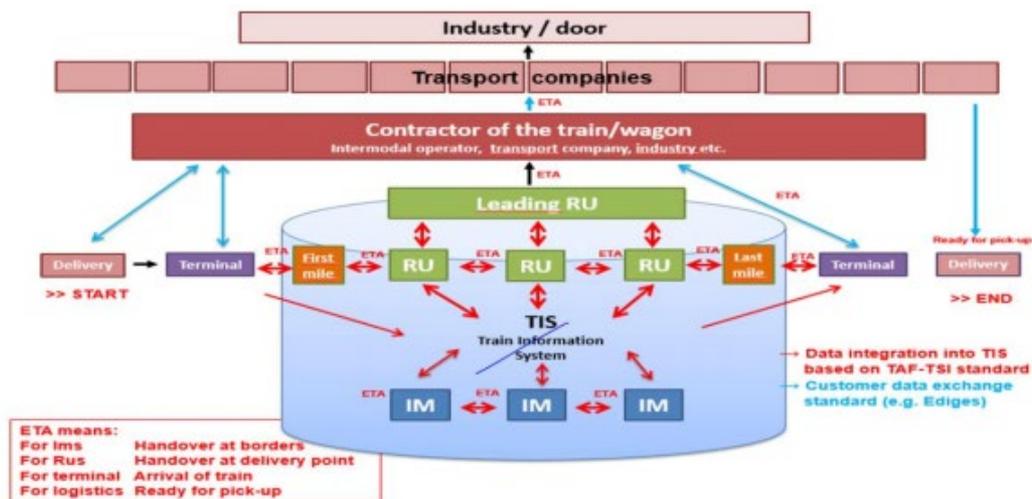For Estimated Time of Arrival (ETA) the quality and data for the algorithms has historically been poor

Most forecast messages are based on time-shifting

Only a few infrastructure managers take into account the ETA of their neighbouring counterparts

More than 25 % of trains are not linked with a unique reference number connecting different train numbers to one train

- The TAF TSI describes business processes involving Infrastructure Managers (IMs), Railway Undertakings (RUs), and other stakeholders, and defines the **data exchange** between individual IMs and also between IMs and Rus

- The next revision of TAF TSI will be discussed in RISC in 2020, in order to be published in 2021

- The ELETA project has done a great job in order to deliver valuable input to the TAF TSI revision

- ETA computing and quality must be still validated over a longer time period (in-the-field test series)

  – Therefore, ETA computing and quality will, for the time being, be included only into the Rail Sector's TAF Handbook

  – **As soon as ETA computing and quality will be more stable then it *will be* incorporated into the TAF revision (Open Point)**

- CT's proprietary *EDIGES messages* have been successfully mapped by ERA, UIRR and RNE against the Official TAF TSI messages

- CT actors have *been incorporated* into the revised TAF TSI

- CT actors can get all transport related messages directly from their business partners without being in the obligation to get them from the Lead RU

- ToDo

  - CT actors, CT terminals, and CT Train Identifiers must get unique identification codes to be able to participate in the message exchange with the existing TAF TSI community

  - Existing TAF TSI ETA messages must be adapted (via ERA's CCM process) to be able to accommodate enhanced ETA

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