



EU Standards Development

March 2026

Operating raw data and statistics exchange Project

The initial version has been through the first commenting stage and feedback is now being addressed and additional worked examples from the use cases will be worked up and included.

Part 8 of Transmodel is also being updated as part of this work.

Common Glossary for EU legislations

Technical report is about to be published for CEN vote

This document presents as a TR a Common Glossary for EU legislations answering the concerns stated by the EC. :

“... there is a strong need to harmonise terms and definitions used in Public Transport because various legislations have adopted general terms and definitions which are not aligned, e.g.:

- “interoperability” has a fully different meaning in the rail Interoperability Directive 2016/797/EU and in the ITS Directive 2010/40/EU.
- “international” is sometimes confused with “cross-border”, while some cross-border topics are not international but “local” (it is the case for some cross-border public transport services operated under public obligations).
- “standard” is a word associated with documents produced only by the “official” standardisation bodies (at EU level CEN, CENELEC and ETSI), while many people use the word “standards” instead of “specifications” for documents produced by modal platforms (e.g. OSDM for “rail”).

The Common Glossary aims to harmonise such misaligned terms and definition to secure consistency and interoperability of mobility data.

On vehicle

Both ITxPT and VDV (in Germany) are working on requirements for operational data from vehicles. This includes data about performance, range, faults etc. This will provide vehicle operational data in real time on vehicle and not in a manufacturer back office.

Work to define a vehicle data model which fits within Transmodel starts in January with the support of RTIG, VDV, ITxPT and Spanish Authorities.

SIRI

Work to prepare for the next update to SIRI are underway.

Going to take a couple of years before its all approved, but expect development work during 2026.

Updates to control actions needed as v1 needs some refinement.

European profile to meet MMTIS requirements is published.

NeTEx

Version 2

v2 – documentation has been published

v2 XSD is available on github <https://github.com/NeTEx-CEN/NeTEx/>

This is a major release, with work going back to as far as late 2020.

1 How to test your feeds & upgrade them

Data producers are encouraged to use XSD validation tooling in order to detect & upgrade their data feeds. To do so, clone the repository locally & validate against xsd/NeTEx_publication.xsd (the entry point).

If you think you found a bug, or have a question, [please provide feedback here](#).

2 Structural changes:

- BREAKING: many version schemas now enforce stricter validation semantics: mandatory id/ref/version attributes were introduced or tightened in numerous object/ref structures.
- BREAKING: Several constraints were reshaped (including removal of @order from some keys and selective cardinality/type adjustments), which can change pass/fail outcomes for existing XML instances.
- Key/unique/keyref definitions were expanded or renamed across frames and domain modules; reference integrity checks are broader and stricter in v2.0 validation contexts.
- Publication-level schemas add or adjust integrity scopes and align naming of site/path navigation key sets.

3 Functional changes (technically non-BREAKING) include:

Functional evolutions are largely additive, but existing datasets should be revalidated out of precaution.

- Addition of DECK PLAN and all related elements
- Addition of languages attributes when using MultilingualString to handle translations of names, instead of using AlternativeName
- Creation of privateCodes allowing several PrivateCode for the same element (e.g., ticketing, scheduling, etc.)

- Changes to BookingArrangement and its use for flexible services, including relation to ServiceJourneyPattern
- Addition of a relation between Facilities and Line
- Clarification of abstracts elements
- Addition and/or correction of values in enumerations (e.g., MedicalFacility, PassengerCommsFacility, SameZone, QuayType, PurchaseMoment, etc.)
- Addition of enumerations such as PropulsionTypes, FuelTypes
- Deprecation marking for several elements such as Order, PrivateCode, FlexibleLine, BaselineVersionRef, ExternalOperatorRef, PropulsionType, FuelType

V2.1 planning is taking place

V3 planning is also taking place and this will be an EN standard (strictest form) in 2028.

A project to create a European Fares profile has started and will produce initial draft early 2027.

Transmodel

New version been largely completed and available soon.

V6.2 is at the CEN formal enquiry stage, expect to release mid 2026

The next version is likely to be the one used for turning into an EN in 2028

Transmodel Standards and GitHub

All Transmodel standards will migrate to a new common GitHub location in the next few months.

The new location will be:

<https://github.com/TransmodelEcosystem>

There will be repositories for each of the standards.

The current locations will auto-redirect to the new location so in the short term there will be no need to change workflows.