Terms of Reference for TC DATA Working Group SEMANTIC AND INFORMATION MODELS (WG INFO)
Approved at DATA#3, Date: 23 October 2025

Scope

Within the context of the ETSI Technical Committee TC DATA, **the Working Group on Semantic and Information Models i**s responsible for leading technical activities that enable semantic interoperability. This includes the development, maintenance, and evolution of:

- Semantic, Data, and Information Models
- Data Catalogues and Ontologies
- The SAREF (Smart Applications REFerence) ontology framework, including its open portals and AI-driven enhancements.
- The cross-domain NGSI-LD information model and its mappings

Within the framework of standardization for EU Legislation, its mandate is to lead the ETSI current and future technical standardization for the semantic and Information models.

Current activity focus is on the support of the EU Data Act. Core responsibilities include (but are not limited to):

- **Developing, evolving, and maintaining** the guidelines for the Data Catalogue Framework (EN 304 199).
- **Developing, evolving, and maintaining** the guidelines for Semantic Interoperability (EN 303 760).

WG INFO also supports the transposition of the semantic outputs of oneM2M.