



Proposal EURODICTI (technical annex)

Mobility growth 8.1

Coordination and support actions

Building information management is of vital importance to increase the performance of the infrastructure network (rail, road, urban areas). Interoperability based on open standards is essential for digital exchange of information between all construction partners (engineers, contractors, asset managers, operators): data dictionaries make this possible. Currently the IT market offers solutions based on proprietary standards which introduce vendor locked in situations and limit the exchange in the whole value chain.

EURODICTI aims at implementing BIM based open standards in the infrastructure sector following the European Interoperability Framework.

In 2010-2014 serious investments have been made on national level to develop common open access data dictionaries. An open European market requires European coordination to benefit from these national investments and to connect their (future) outcomes.

The objective of EURODICTI is to create a networking platform that will serve as a starting point to the creation of such a European open access data dictionary.

EURODICTI will:

- Survey and assess existing data dictionaries
- Define general principles for architecture of data dictionaries, for taxonomies and properties of the assets
- Define use cases with specifications to be able to experiment the startup of implementation
- Disseminate the results to connect partners in the value chain across Europe, including CEN, CEDR and ENCORD
- Create the conditions and the principle of a network organisation that will serve as a starting point for the future development of a European data dictionary

The project will ultimately have an impact on the transition towards zero traffic disruption from inspection, construction and maintenance.

The work will be carried out by key organisations on (inter)national level with an extensive network, a wide acceptance in the sector, an extensive knowledgebase and active in the forefront of the development of BIM based open standards.