GSIM implementation at Statistics Finland

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Abstract

Statistics Finland has not had a common in-house conceptual model for the statistical production and, therefore, the GSIM-model has been welcomed. The first studies of the GSIM-model and translation experiments were carried out 2014-2015 by few experts leading yet to no true implementation efforts. The interest arose after a physical implementation of the GSIM Statistical Classification Model into our renewed Classification System launched in production 2016. After that the GSIM Model has been utilized in different ways in a couple of international and national co-operation projects providing a common language, basis for local implementations in research area and a tool for integrating statistical and geospatial approaches. At the same time the Information Architecture at Statistics Finland has been developed further including some core elements of the GSIM Model which have been introduced for our top managers. A couple of internal development projects are already using GSIM as the framework in different parts of our organisation. The risk of slightly different interpretations of the GSIM-model in these projects is evident and, therefore, the solution could be to create a coherent complete GSIM-based information model fitting into our environment. While creating it also the national architectural guidance and tools for semantic interoperability as well as the changing needs of our customers and in-house processes should be taken into account, not to forget a working governance model.