

Regularization of Geospatial Procedures by Process Modelling & Management Tools

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SUMMARY

Local Administrations, namely municipalities are the main resources of spatial data and data specific procedures of geo-based services in the establishment of National Spatial Data and Information Infrastructure. In order to cope with deficiencies in financial and human resources which cause delays for establishing geospatial infrastructure, appropriate measures must be taken up to facilitate the burden of decision makers and authorities in the procedures of geo-services for their citizens. For the stakeholders of Technical Assistance for Capacity Building in the Horizontal Sector for the Implementation of INSPIRE Directive Project, a common process management environment has been created by constructing “To-Be” process models. Consequentially, these models have been put into service via Process Modelling and Management Software running on cloud platform in order to standardize process flows of institutions, enabling scalability and process optimization regarding spatial services.

In the realization of the envisaged work, “As-Is” and “Gap” analyses have been performed on the major business areas of Local Governments at 4 pilot areas; Kayseri, Muş, Pendik and Elazığ; in order to provide a common ground for process modelling and management, Then, based on the analysis results, “To-Be” models have been constructed using Business Process Management Notation. A Process Modelling and Management Software is being developed on which these process models will be deployed and put into use of the institutions. The software will run on cloud platform and work in synchronization with the Application Software Modules developed within the context of the Project.

The main objective is to let the institutions to improve their processes, produce standard geographical and administrative data, and design and execute their own process while having the opportunity to use pre-designed processes.