
HUMBOLDT – Development of a Framework for Data Harmonisation and Service Integration

Intergraph as a global provider of spatial data infrastructure solutions is acting as a partner of many projects funded by the European Union. In the area of the INSPIRE initiative's evolution the main focus of the projects is on the spatial data harmonisation and on the uniformed SDI solutions development. Intergraph has a good opportunity to contribute with its long-time know how to solve the questions of data harmonisation in cooperation with the other project partners.

The four year research EU project HUMBOLDT within the 6th framework program contributes to the implementation of a European Spatial Data Infrastructure (ESDI) that integrates the diversity of spatial data available for a multitude of European organisations. The main goal of the project is to enable organisations to document, publish and harmonise their spatial information. The software tools and processes created will demonstrate the feasibility and advantages of an infrastructure for ESDI as planned by the INSPIRE initiative, meeting the goals of Global Monitoring for Environment and Security (GMES). Intergraph, as one of the main technological partners, takes a share in the software / WMS implementation for spatial data harmonisation. There are lots of open questions in the field of data harmonisation which should be answered in the near future. Which data should be harmonised and how should this harmonisation be proceeded to get outcomes in compliance with the INSPIRE legislative? Europe is a place of different nations, cultures and customs, but in the field of SDI it forces people to speak the same language and solve these issues together.

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