

Impact of the EU framework on the free flow of geo information and geo services

PhD Research proposal

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Overview

- Subject background
- Research questions
- Research framework
- Research description
- Time frame



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Subject background

- Access to GI
 - Public Sector
 - public tasks
 - Private Sector
 - business processes
 - value added products & services
 - Citizens
 - more directed information



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Subject background

- Reuse of GI
 - Increased efficiency
 - Public Sector → collect once, reuse many times
 - Private Sector → improved business processes
 - Economy
 - Private Sector → value added products & services
- EU wants a level playing field
 - Legal framework to achieve free flow of information
 - To date little effect



Main research questions

- What is the impact of the EU framework
 - on a free flow of information and services;
 - on accessibility of geo-information for the private sector; and
 - on the creation of value added services?
- What are the institutional aspects of EU framework on
 - access to public sector geo-information;
 - effects on free flow of value added GI products and services?

Additional research questions (1-4)

1. What is a theoretical framework for evaluation legislation from a public administration perspective?
1. What is the EU framework covering access to geo-information?
1. What has the EU framework achieved to date?
1. Which principles are behind the division and separation of public tasks and private enterprise? Is there a level playing field for the private geo-sector in the EU?

Additional research questions (5-8)

1. What is the current situation in a number of EU Member States with respect to implementation of a geo-information infrastructure and accessibility of geo-information?
1. Which model can be developed to assess institutional problems and/or bottlenecks with access to geo-information? Can this model be used to predict positive and negative effects of EU legislation implementation?
1. How can such a model be applied in practice to EU Member States?
1. Which conclusions and recommendations can be drawn from this research?

Research framework



- EU Treaties, Directives and Guidelines
 - EC Treaty
 - PSI Directive
 - INSPIRE Directive
 - Aarhus Convention
 - Services Directive
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- EU jurisprudence
- Literature

Research method



- Literature review of EU framework incl. jurisprudence
- Review of public administration and policy management theories
- Evaluation of intended and unintended effects of EU framework
- Development of conceptual model to test if legislation will have a positive or negative effect on free flow of geo-information
- Testing of conceptual model for EU Member State legislation
 - Special attention to public sector vs. private sector mandates
 - Level playing field conditions
- Testing of conceptual model when applied to case studies
- Further refinement of conceptual model

Time frame



• 2009

- Literature research of public administration theories
- Update EU literature & jurisprudence research
- Update division public and private tasks & value adding
- Finish 2 articles + write 1 new article on public vs. private sector

• 2010

- Apply theoretical framework to EU Member States
- Develop conceptual indication model
- Case studies: NL; UK; NRW-DE; Finland or Catalonia + analysis
- Revise 2010 article + write 1 new article on case studies

• 2011

- Final analysis + adaptation conceptual model
- General evaluation + finish thesis.
