

“Ci!- Cadastre iNSPIREd!”

Report on the status of the project

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Motivation

- EC started development of the INSPIRE data specifications for the themes of Annex II and III data themes
- Investigate INSPIRE themes of Annex II and III which are relevant for the Cadastré
 - e.g. Land cover, land use, buildings, etc.
- Basic information (documents, papers,..) available
 - former report on the cadastral parcel in INSPIRE
 - information provided by the TWG on the cadastral parcel
- Follow up of the “WG – CPI” (Cadastral parcel, Annex I)
 - Basic document for INSPIRE DT
- Joint Working Group based on decision at the PCC meeting in Prague (June 2009) and by eurogeographics (CC of C&LR KEN in Paris, September 2009)

Members of the Working Group

- Julius Ernst (chair) Austria
- Amalia Velasco (Spain)
- Pierette Fraisse (Belgium)
- Ewa Wysocka (Poland)
- Roger Ekman (Sweden)
- Francis Kaell (Luxembourg)
- Wilhelm Zeddies (Germany)
- Arturo Angelini (Italy)
- Pekka Halme (Finland)
- Berny Kersten (Eurogeographics)



Benefits, purpose and scope of the project

- Cadastral parcel is an essential element in N(E)SDI
- Cadastral experts to be involved in an early stage of the development of the data specifications
 - To influence the development of the INSPIRE data specifications of Annexes II and III in an early stage for the benefit of the members
- INSPIRE Annex I: focus only on role of cadastral parcel, but
 - now we know the other themes of Annexes II and III
 - we know the methodology of the data specification
 - we already defined the data model for the cadastral parcel (Annex I)
- Involve the EC (JRC)
 - provide results and Discuss the scope/content of the project directly

Main tasks /1

- Evaluation of the results of the former working group “WG-CPI”
 - surveys and final report as an input/starting point of the work
- Screening (analysing) the INSPIRE themes in Annexes II and III and identification / prioritisation of the themes related to the cadastral information
 - Themes are part of the cadastral information and/or
 - are strongly connected to it
- Analysis of the INSPIRE data specifications “D2.8.1.6 - INSPIRE Data Specification on Cadastral Parcels – Guidelines” -

Main tasks /2

- Survey in the EU- member states (and the other states dealing also with INSPIRE)
 - questionnaire in relation to the topics of the themes
 - also survey the connection of other themes of Annexes III and classification of the importance of the cadastral information to this themes
- Discussion with relevant stakeholders: Danielle Rizzi (EC-Eurostat), Alessandro Annoni (EC-JRC), Hans Dufourmont (EC-GMES Bureau) and Chris Steenmans (EEA)
- Cooperation with INSPIRE DT
- Timeframe of the European Commission (INSPIRE- process)
- Publish a final report

What happened so far

- Kick off meeting in Gavle (Sweden): 9th December 2009
 - Work plan
- Meeting of WG: 27th January 2010, in Vienna
- Preparation of questionnaire (core team)
- Sending out the questionnaire (16th April 2010)
 - Answers expected before 10th May 2010
- Meeting of the working group: week 17 (27th – 28th April) in Mainz
 - Discuss first results of questionnaire, ...
- Gentle reminder to countries

The questionnaire

- Screening the INSPIRE themes in Annexes II and III
 - Identification / prioritisation of the themes related to the cadastral information
 - Identify the information the Cadastre can provide
- two levels of relevance for the project were identified regarding themes in Annex II and III
 - Relevant themes:
 - Common information: investigate responsibility, accessibility availability for all other themes
- Focus on land cover, land use, buildings
- Orthoimagery

The questionnaire

- Different sections
 - Relevance for cadastre (part of data set,..)
 - Technical part: Data format, data model, data capturing, ..
 - Buildings, orthoimagery
 - Accessibility to data (conditions, providing of data,..)
 - Other themes of Annex II and III
- Technical section
 - Raster, vector
 - Topology, data type
 - Updating procedure
 - Life cycle, periodicity, scale of data capture
- Use within cadastre

The questionnaire

- Section “buildings”
 - Method of data capture
 - Terrestrial surveying, from aerial images, data quality
 - Responsibility for gathering and maintaining the information
 - Updating procedure
 - life cycle, coverage (%)
 - Information about ownership available ?
- Orthoimagery
 - Purpose of use for cadastre
 - quality improvement, updating procedures, products
 - Scale, resolution,...
 - Life cycle of DOP (Digital Orthophotos)

First results

- Feedback is as good as expected
- 29 answers 😊😊😊😊😊
- 4 answers from EU- members are outstanding 😐😐😐😐
- Additional answers and explanations :
“comments”- column is used to explain, add,..
- Thanks to all !
- multiple answers necessary – depending on national situation
- Careful elaboration is needed
- Statistics, charts

First conclusion

- Big variety (legal, technical) in Cadastral in Europe
- depending on national situation multiple answers necessary
- Careful elaboration / interpretation of the answers is needed
- Contact / cooperation with INSPIRE- DT
- Structure of the Final report to be defined
 - Statistics, charts,.. showing the situation in Europe

Next steps

- Screening / analysing the results (mid June)
- Midterm- Reports at
 - the EG- meeting in Brussels (28th May) and
 - at the PCC- meeting in Madrid (2nd June)
- Complete evaluation of the answers: (June, July)
- Drafting of the report: (Sept./Oct.)
- Finalizing of the report: (Oct./Nov.)
- Final report: 2nd Dec: PCC- Meeting in Brussels

Thank you !