



Permanent Committee on Cadastre
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Report on the project

“The role of the cadastral parcel in INSPIRE and in NSDI´s”

“WG-CPI” - Joint Working Group of the PCC and EuroGeographics:

Julius Ernst

PCC Plenary Meeting

Hamburg, June 13th – 14th 2007



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Brief overview ...

- Activities since last report (Vienna, June 2006)
- Role of the Cadastral parcel in NSDI
 - second questionnaire
- Final report
 - structure, contents, examples
- Participation in INSPIRE
- Next steps



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Activities since last report



- Following the work plan of Cadastral Expert Group of EuroGeographics and the PCC
- Second questionnaire
 - Role/use of the Cadastral Parcel (CP) in NSDI
 - Results included in inventory document



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Activities since last report



- Several meetings of project team (Vienna, Hanover,...)
- Cooperation with INSPIRE-Drafting Team
 - Proposals of WG-CPI directly included in 1st version of INSPIRE -Documents
- Development of the structure of the Final Report of the project



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Role of the Cadastral Parcel in NSDI ...

- Survey based on a questionnaire ...
- analyse the role of the cadastral parcel/cadastral information in the national spatial data infrastructures (NSDIs)
- Starting point: INSPIRE- directive with cadastral parcel in annex 1
- Overview of use of cadastral parcels (cadastral information) in NSDIs
- Overview will provide basis for further assessments
 - insight in current role of parcel across in Europe
 - (potential) role of parcel in ESDI/INSPIRE



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Applications, products, services	Examples	Use of the cadastral		Users			Remarks
		Is the cadastral parcel used as an information object for this activity?	If YES, is it legally required?	Public Authority	Companies	Citizen	
Look at the current situation in your country. Is the cadastral parcel information used for the following applications, products and services? Who uses it?							
Real estate market							
Conveyance of property							
Land and property taxation							
Valuation of land							
Valuation of Buildings							
Mortgaging							
Easements							
others							
Subsidies on landuse							
European agricultural subsidies (IACS)							
National agricultural subsidies	olive trees, viniculture, etc.						



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Scope of the questionnaire

Public Administration	
administrative support to "day by day" activities	revenue collection, granting subsidies,..
basis for administrative units	e.g. voting districts, school district
Public Safety	
prevention	e.g. Civil protection, flood area plan, forest fires, police uses, etc.
monitoring	surveillance
disaster management	handling of emergencies
Socio-economic analysis	
monitoring statistical data	
demographic analysis	e.g. census
Geomarketing	e.g. market research, location of stores,..

- Real estate market
- Subsidies on land use
- Environmental monitoring
- Planning
- Restrictions in land use
- Infrastructure management
- Public administration
- Public Safety
- Socio-economic analysis



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Final Report



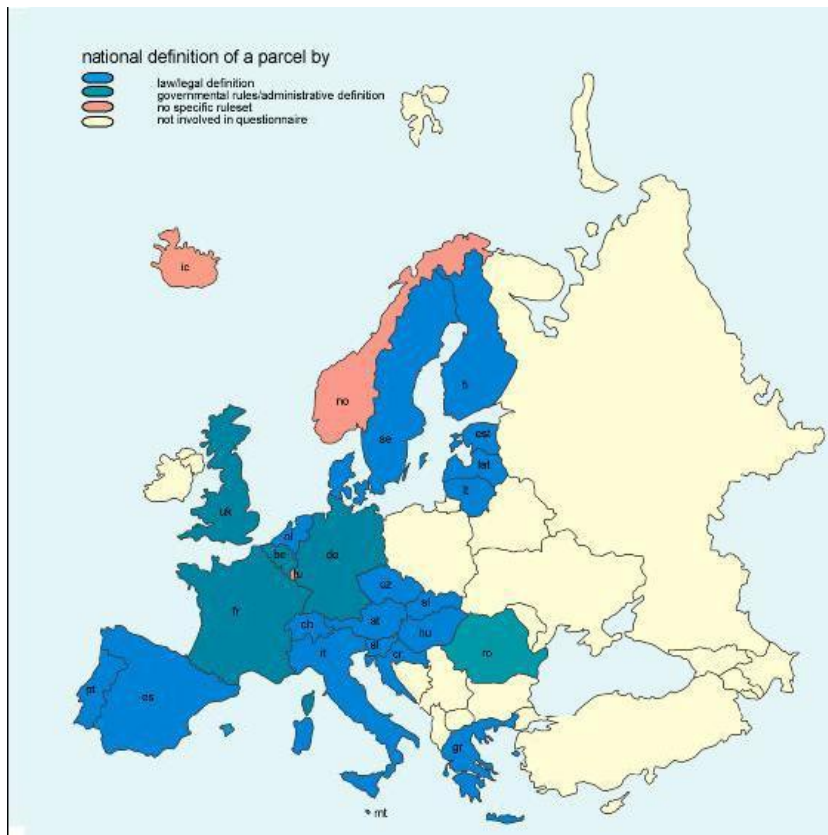
- 1st draft discussed / adopted in May
- Analyzed results of the questionnaires
- Conclusions derived from analysis
- Contents
 - General information
 - Core elements of the CP
 - Other analysed elements
 - CP within INSPIRE
 - CP in NSDI
 - Availability and accessibility of information
 - Future developments



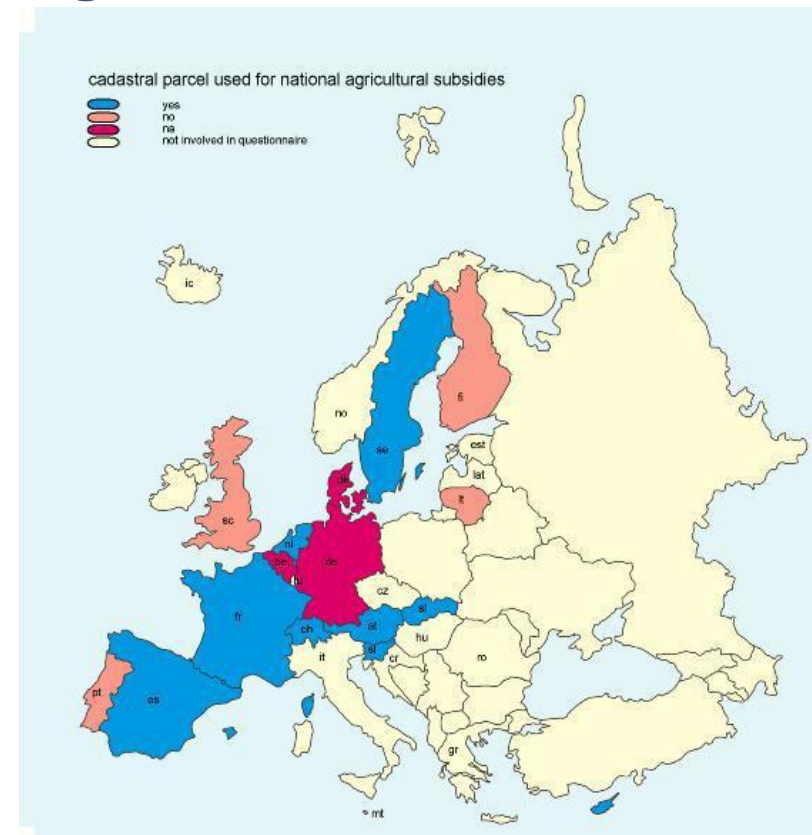
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National definition of the cadastral parcel



Use for national agricultural subsidies





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INSPIRE ...



- INSPIRE - Directive entered into force on 15th May 2007
 - Member states have 2 years to implement force laws, regulations, etc.
- “Cadastral Parcel” in Annex 1
- INSPIRE Work Programme- Transposition Phase 2007-2009
 - Work programme of the EC for development of Implementing rules
 - See documents: <http://www.ec-gis.org/inspire/>



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Cooperation / participation of WG-CPI in INSPIRE

- Good cooperation so far with INSPIRE- Drafting Team "Data Specifications" - Deliverable D2.3 "Definition of Annex Themes and Scope"
 - [Chapter 5.6 Cadastral Parcel \(p. 31-34\)](#)
- Recommendations of WG-CPI:
 - National definitions of the CP fits
 - Variations in quality and in definitions
 - Ü Locator instead of meaningful object
 - Ü Minimum requirements of 5 key –elements



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Cooperation / participation of WG-CPI in INSPIRE

- Development of INSPIRE Implementing Rules
 - requires broad participation of the stakeholders
 - SDIC, LMO, Technical Working Groups
- Full data specification has to be elaborated
 - User requirements, feature catalogue, UML model, quality requirements,, data constraints,.....
- Pressure on deadlines: Cadastral Parcel is in Annex 1
- Decide on cooperation in that process !!



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Next steps ...

- 2nd draft of report available end of June 2007
 - Comments by members of WG for final version
 - Provide to all countries for last check
 - Final discussion at next (last) meeting of WG-CPI
 - 9th/10th July in Barcelona
- Publish the final version of the report
- Find a model of cooperation with INSPIRE Drafting Team



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Some remarks...

- C Joint Working Group “WG-CPI” as “best practice / experience”
- C THE experts are needed – organisation is irrelevant
- C INSPIRE needs “one voice” to get strong influence from the cadastral community – the organisation we are coming from is not relevant
- C Thanks to all participants for open discussion, deep and enthusiastic involvement

J J J



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**Thank you for your
attention!**

Questions, remarks,...?