

EuroGeographics Extraordinary General Assembly  
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# Update from Working Group A on Core Data

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# Plan of the presentation

- WGA **Context and Objectives**
- **Common principles** for  
“Recommendation for Content” of Core Data
- Draft recommendations for content  
of core data themes **CP, AD**



# WGA Context and Objectives



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# Definition of Core Data

- geospatial data
- the most useful
  - either directly or indirectly
  - to analyse, to achieve and to monitor the Sustainable Development Goals.

## Sustainable Development Goals



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# Core Data - Objectives

- INSPIRE aims to harmonise existing data
  - Common data model → first level of interoperability
  - But still heterogeneous data
    - voidable attributes, level of detail not defined
- Core data aims to complement INSPIRE by ensuring common (minimum) content

**INSPIRE:  
STRUCTURE**

**CORE DATA:  
CONTENT**



# Core Data Work Plan

## Recommendations for Content

Core data  
scope

Recommendations  
for Content

Core Data Scope: done

Recommendations for  
content (2016-2017):

- Common Principles
- 3 themes drafted

Economic model, political and financial frameworks for  
supporting core data availability

Remains to be  
done (2018)



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Reminder: Core Data Scope

# The 14 selected core data themes

<u>Annex I</u>  Coordinate Reference Systems Geographical Grid Systems Geographical Names Administrative Units Addresses Cadastral Parcels Transport Networks Hydrography Protected Sites		<u>Annex II</u>  Elevation Land Cover OrthoImagery Geology
		<u>Annex III</u>  Statistical units Buildings Soil Land use Human health and safety Utility and governmental services Environmental monitoring facilities Production and industrial facilities Agricultural and aquaculture facilities Population distribution - demography Area management/restriction/regulation Natural risk zones Atmospheric conditions Meteorological geographical features Oceanographic geographical features Sea regions Bio-geographical regions Habitats and biotopes Species distribution Energy resources Mineral resources

# **Common Principles**

## For “Recommendations for Content” of Core Data



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# Recommendations for Content Principles - Methodology

- Starting points
  - INSPIRE data specifications
  - SDG user requirements
- Define priorities, extract core data
  - From INSPIRE data model & theme scope
- Decide on levels of detail, quality criteria
  - To ensure data homogeneity



# Recommendations for Content Principles (cont.)

## Step-wise approach:

- **Core recommendation**: 1<sup>st</sup> priority, achievable, ideally short term action
- **Good practice**: 2<sup>nd</sup> priority, brings added value to core data, to be encouraged
- *Considerations for future: potential core data in long term*
  - *Potential topic for KENs and EuroSDR*



Draft Recommendations for Content

**First Results of the Working Group  
For Themes CP, AD, GN**



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Draft Recommendations for Content

**First Results of the Working Group**  
**Theme “Cadastral Parcels”**



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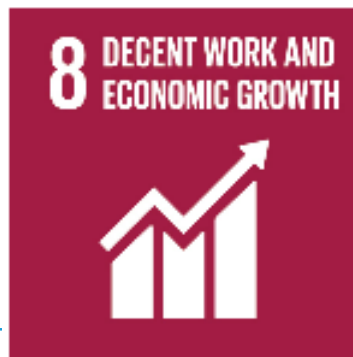


# Geographic extent

- **Core recommendation:** have core CP (vector) data on whole territory, according to national law
- Potential impact on data producers
  - Encourage achievement of cadastre under elaboration
- Benefits for SDG
  - Security of land ownership & transactions
  - Enables investments (mortgage) & economic growth



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# Geographic extent

**Good practice:** have CP data on whole land territory, including public domain

- Potential impact on member states:
  - Possible change in national legislation
  - Need to survey missing parts
- Potential benefits
  - Better manage public land
  - E.g. SDG indicator 11.7.1: “The average share of the built-up areas of cities in open space in public ownership and use”



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# Geographic Extent

- **Consideration for future:** have marine cadaster
- Conclusion of cadastral community WG: Not yet mature
  - e.g. what has to be surveyed?
- Potential benefits for SDG
  - Sustainable development of oceans

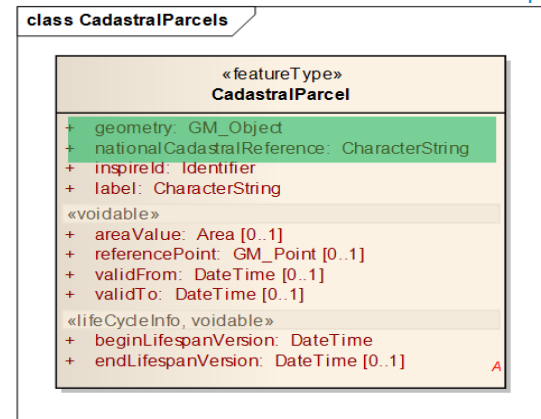


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# Strategy for Core Cadastral Parcels

- Encourage cadastral parcels to form a partition of territory
  - Geographic extent
  - Completeness
  - Topology (no gaps or overlaps)
  - Cadastral parcels as single areas
- Encouraging efficient link with land registry
  - Model focus on national cadastral reference
  - Temporal consistency between cadastral map and land registry





Draft Recommendations for Content

**First Results of the Working Group  
Theme “Addresses”**



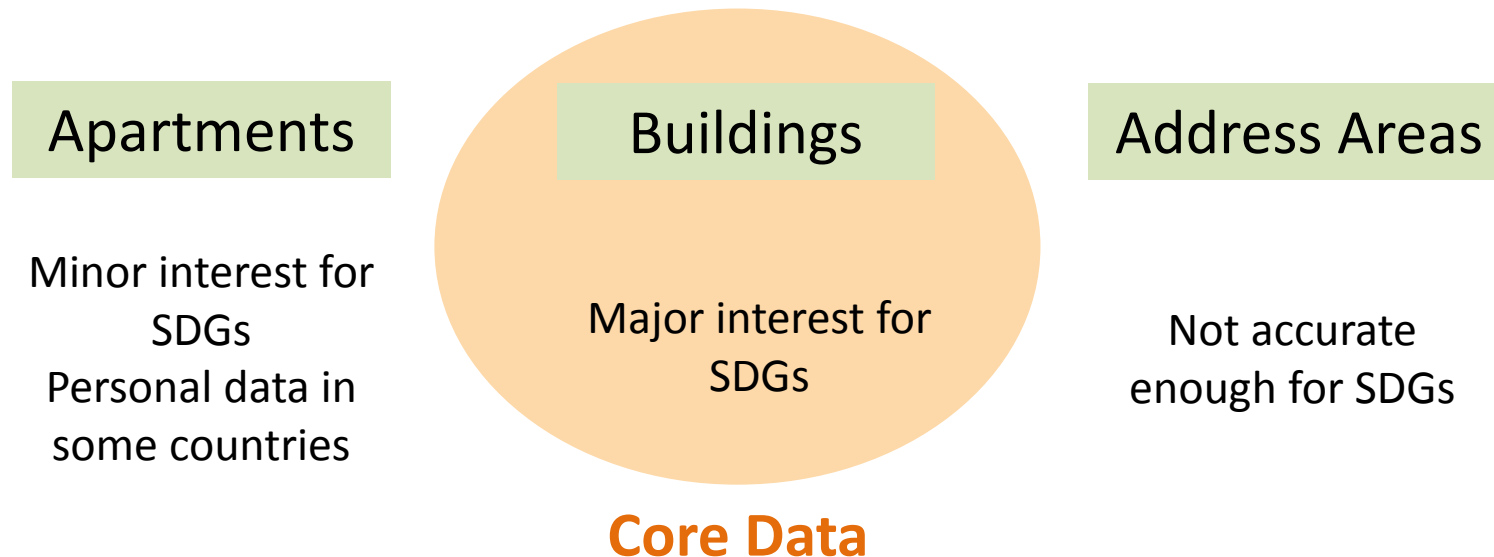
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# Core Address Data - Scope

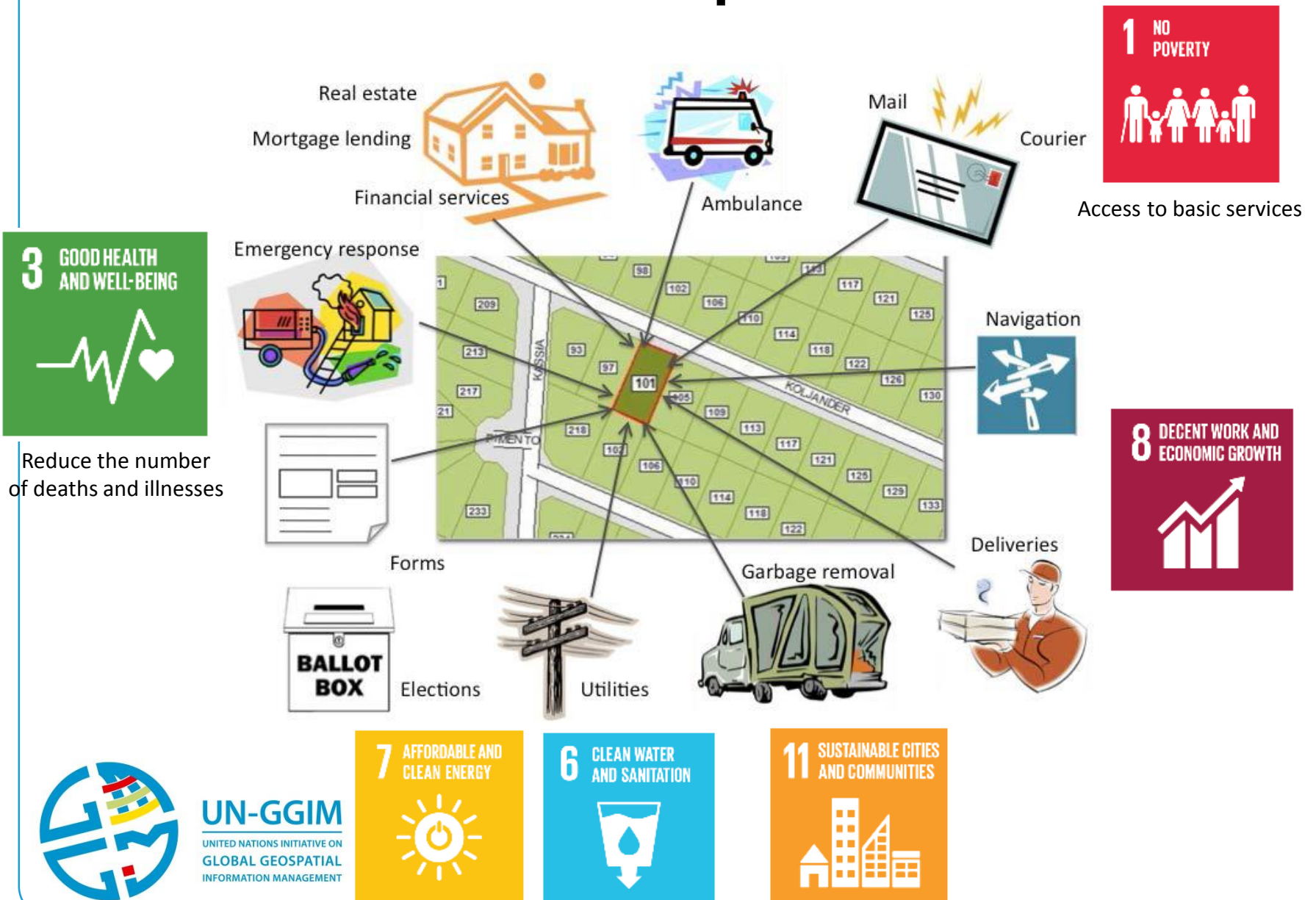
- Proper level of address data



- **Core recommendation:**
  - The core addressable object is a building that has its own personnel entrance



# Core Address Data – Scope



# Next Steps



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# Draft Recommendations for Content Review Going On

- Drafts published on UN-GGIM: Europe website  
<http://un-ggim-europe.org/content/wg-a-core-data>
  - CP
  - AD and GN coming soon
- Your review would be welcome for producing the Final Deliverable
  - Deadline: End of May for CP
  - Expected Comments:
    - Unclear recommendations
    - Irrelevant recommendations
    - Important topics missing



# Conclusion

- WGA
  - Recommendations, not obligations
- May help NMCAs
  - To design enrichments of their existing products and new products
- Objectives of the Review:
  - Core data to be endorsed
    - By the geospatial community, not only by WG A
- Further Harmonisation Step
  - Encouraged by EC & EEA

