Launch of the Image & Corine Cover 2000 17 November 2004

Eurostat's agricultural surveys in the valorisation and use of I&CLC 2000

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Use of I&CLC2000

- LUCAS (Land Use/Land Cover Area Frame Sampling)
- Feasibility studies
 - Disaggregation of the Farm Structure Survey
 - Mapping Population density
- GISCO: CLC as reference dataset
 - Background map (Gazetteer)
 - Reference Layer
 - INSPIRE



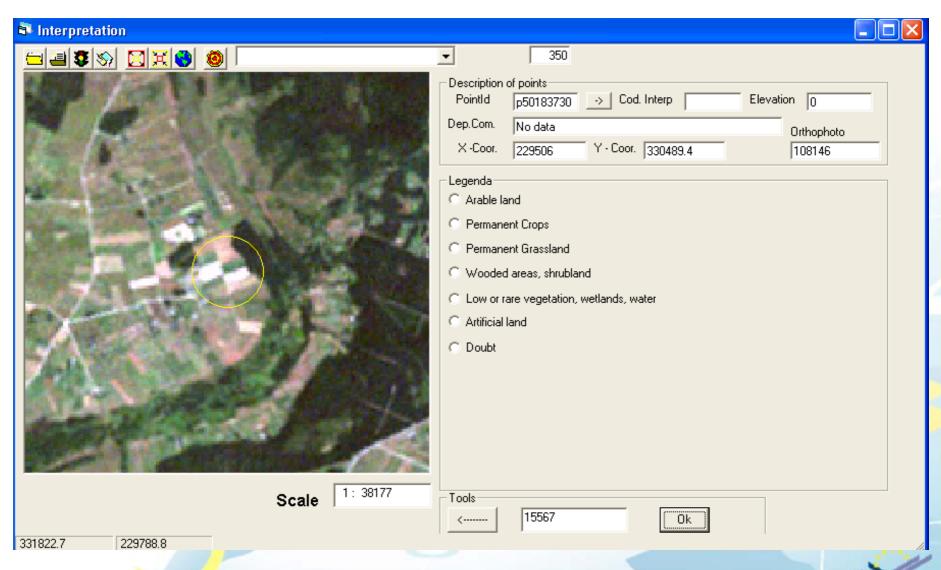


LUCAS

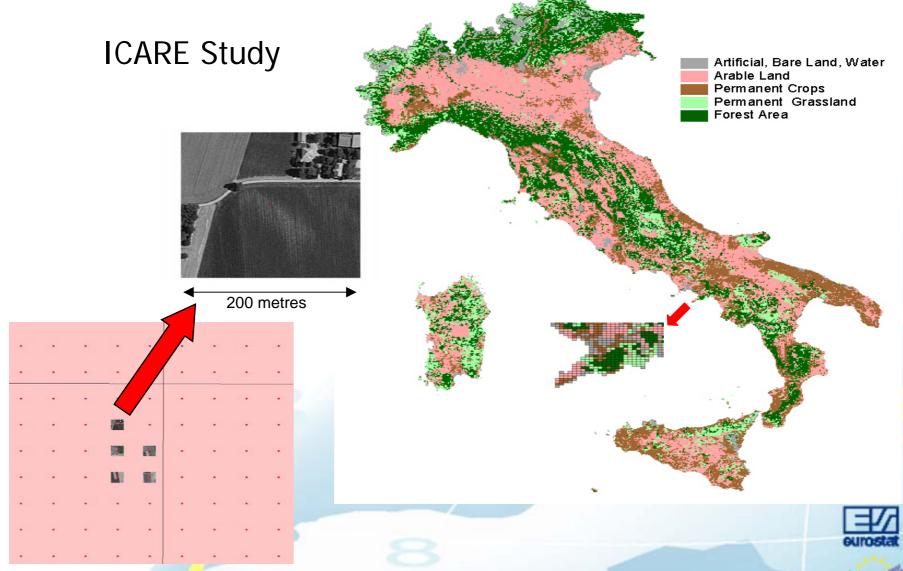
- Stratification with Image 2000
- Improve LUCAS results with poststratification based on CLC
- LUCAS as a tool for verification/validation of CLC 2000 and further surveys...
- LUCAS as a "visual meta data" utility to support dissemination of CLC



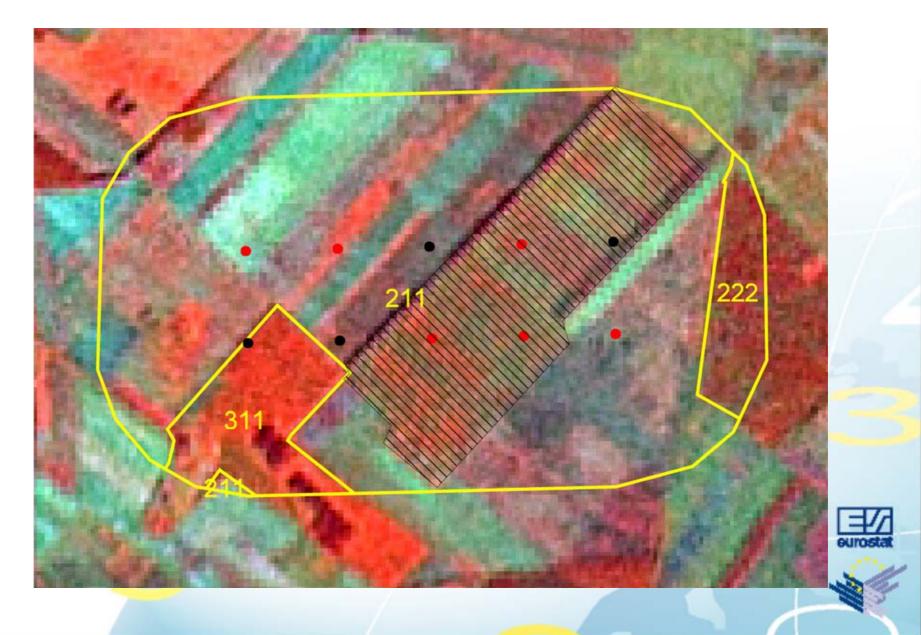
Stratification



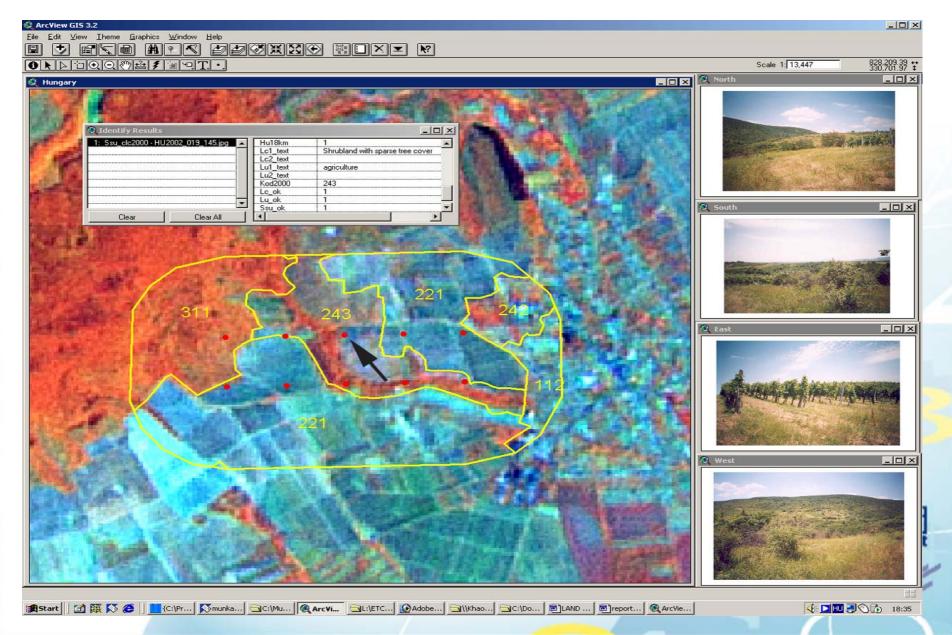
Post stratification with CORINE Land Cover



Validation/Verification of CLC2000



Visual metadata



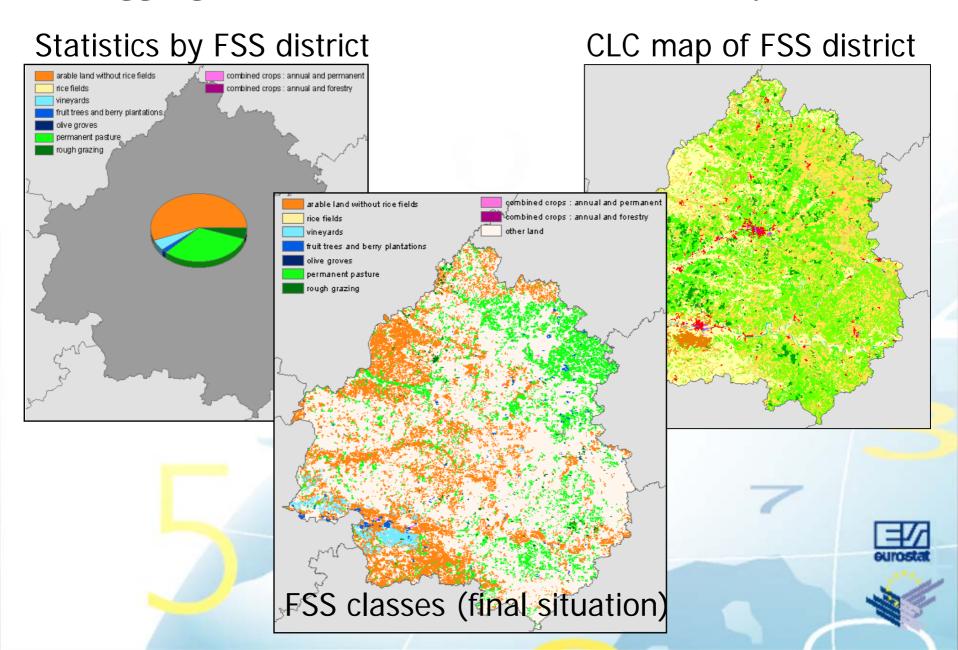
LUCAS 2006 Improvements

- A better tool for CORINE update and validation?
 - 2 Km grid
 - One sampling level
 - Revised nomenclature
 - Better focus on Land Cover/Land use
 - Photos of all the points (~250.000 on EU25)

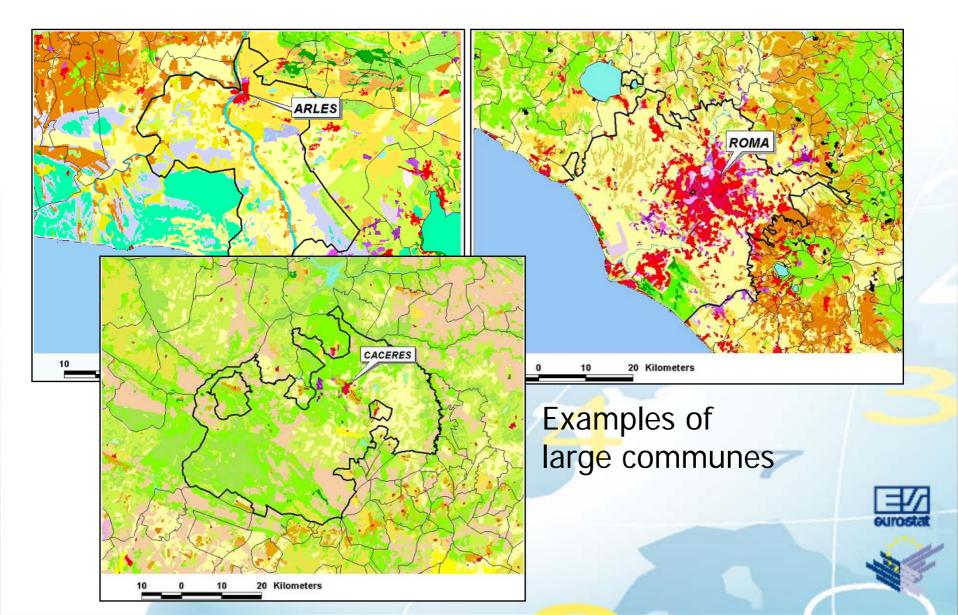




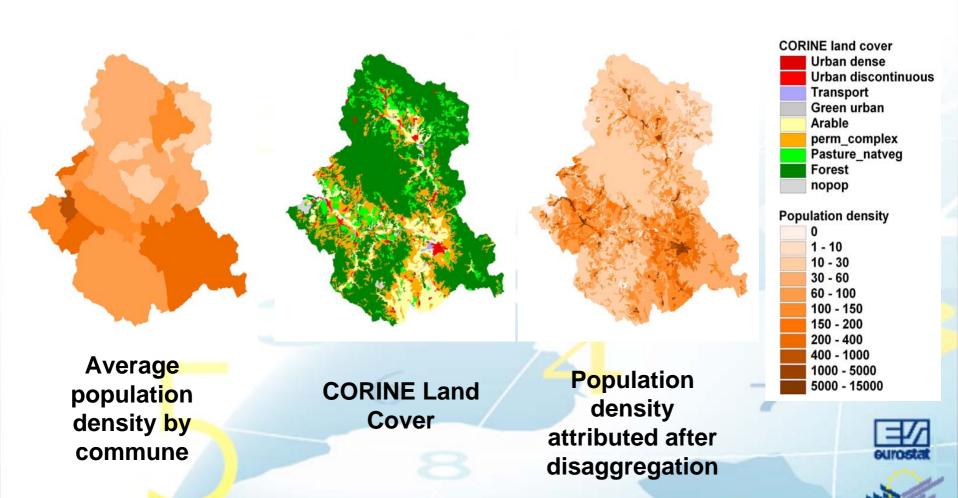
Disaggregation of the Farm Structure Survey (FSS)



Mapping population density



Results in a test site: Arezzo (Italy)



Geographic Reference Database of the Commision (GISCO)

- Established as permanent module at Eurostat in 1992
- Manage the GISCO reference database including
 - Content,
 - Structure and Architecture,
 - Application,
 - Quality control and assurance,
 - Data dissemination
- ◆ INSPIRE





GISCO Reference Database Themes

- Administrative data
- Hydrography
- Altimetry
- Infrastructure
- Support
- Community Support
- Environment

- Industrial data
- Infra regional statistics
- Land Resources
- Nature Resources
- World Data





CLC as general purpose map

IMPORTANT: Disclaimer, Confidentiality Notice and rules on Privacy Protection

Geographic Names Database

what's new search contact help

>> Intracomm > DGs & Services > Eurostat > Gazetteer > København

Feature Information for København

Longitude	Latitude	Туре	Designations	Height	Located in	Region
12° 35′E	55° 40'N	Populated Place	Capital Of A Political Entity	-	DENMARK	Staden Kobenhavn

Name	Name Type	Extends into	Language
København	Native	₹!	Danish
Kjobenhavn	Variant or alternate	F.S.	12
Copenhagen	Conventional		138

NUTS Version 8 located within a search radius of 1' around the point

Region Type	Code	Level	Name
NUTS	DK	0	DANMARK
NUTS	DK0		not existent
NUTS	DK00		not existent
NUTS	DK001	3	København og Frederiksberg kommuner



CLC as general purpose map

Geographic Names

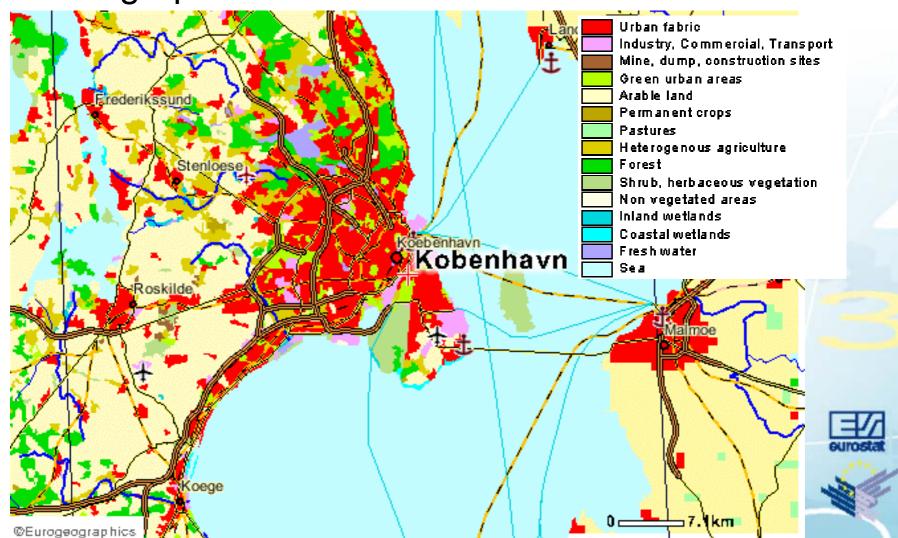
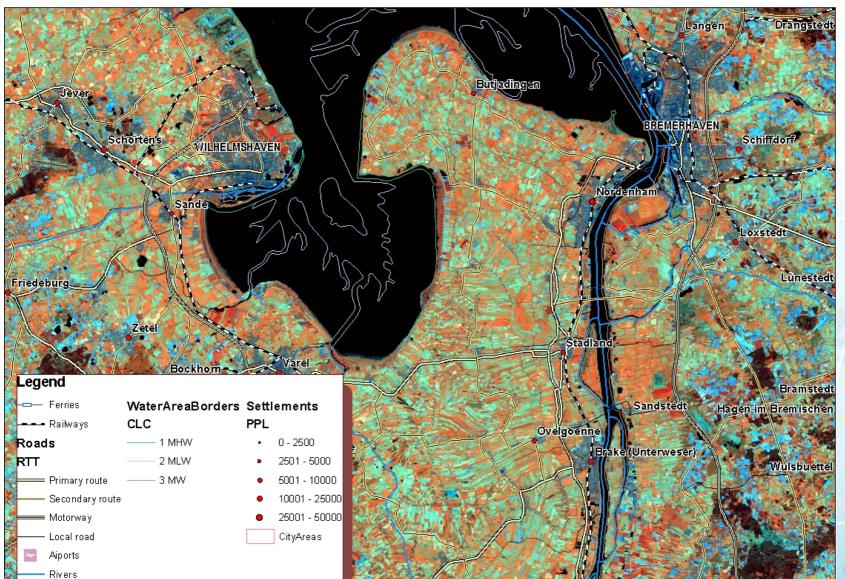


IMAGE2000 as Geo-Reference







Conclusions

- The generalisation/ Land Cover threshold (25ha limit) may eliminate polygons of interest of a smaller size
- Geometric inaccuracy of CORINE Land Cover (mainly CLC90) has made it difficult to use
- CLC nomenclature vs. LUCAS or FSS nomenclatures



Conclusions

- CLC can help to locate more precisely population density and other statistical data linked to FSS
- If CLC information is added to statistical data, data, disaggregating can improve the quality of quality of data
- CLC : a basic general purpose information layer ion layer
 - 2000: a reference layer for evaluating new ng new datasets / background layer for LUCAS



Thank You for your attention

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