

**MEETING OF THE EIONET WORKING GROUP
ON LAND MONITORING**

Venue: Lisbon, premises of IGP

Rua Artilharia Um, 107

1099-052 Lisboa, Portugal

Date: 10.03, 11.03. & 12.03.2010

10 March

Room X

1400- 14.15	Welcome by IGN Portugal
14.15- 14.30	Short presentation of the home work FAO (only summary to the sent papers/UMLs)
14.30 - 14.45	Short presentation of the home work Portugal (only summary to the sent papers/UMLs)
14.45 - 15.15	Short presentation of the home work Spain (only summary to the sent papers/UMLs)
15.15 - 15.30	FOEMI- specific problems in the work with CLC
15.30 - 16.00	Coffee break
16.00 - 18.00	Discussion and preparation of the splinter sessions
18.00	End day 1

11 March

Room X

Splinter sessions	
09.00-11. 00	Parameterization /attributing exercise Artificial- Urban
09.00-11. 00	Parameterization /attributing exercise Vegetation- agriculture
10.00-11.30	Coffee break
11.30-13. 30	Parameterization /attributing exercise Vegetation - forest
11.30-13. 30	Parameterization /attributing exercise Linear features

13.30-14.30	LUNCH
Continuation in one group	
14.30-16.00	<p>Guided discussion to develop recommendations for GIO</p> <p>Chair Stefan Kleeschulte</p> <ul style="list-style-type: none"> • Reporting needs • What can be done by countries • What has to be done by GMES • Data provision • Multi user license and other issues to ensure data provision • Research needs for harmonization process to ensure comparable results
16.00-16.30	Coffee break
16.30-17.30	Continuation of the discussion
17.30	End of day 2

PROPOSAL ON HOW TO STRUCTURE THE SPLINTER SESSIONS

An approach to CLC parameterization and land cover harmonization

Task 1: Define a set of k pure land cover classes. The set should be exhaustive and the classes non-overlapping. The number (k) and the definition of the classes is an important part of the development in the EIONET working group.

For each polygon in a CLC dataset, attach a $k+2$ vector of attributes.

The first k attributes represent the k land cover classes. They should be encoded with the proportion (or percentage) of the surface of the polygon that is covered by each land cover class. Adding together these k attributes should give a sum of 1.0 (or 100).

Task 2: The $k+1$ 'th attribute represents the method used to assign values to the previous k attributes.

The working group should describe a set of standard methods. Some possibilities are

- Use a standard (European) set of values for each CLC class
- Use a standard (National) set of values for each CLC class
- Subjective assessment by an image analyst
- Quantitative assessment by an image analyst (counting dots)
- GIS Overlay with existing, detailed land cover map

Task 3: The $k+2$ 'nd attribute should represent the (dominating) land use. The working group should describe a set of land use categories. One possibility is to use the categories used by Eurostat in the Lucas survey.

This approach will also facilitate harmonization of CLC with other land cover datasets, since any (polygon based) land cover dataset can be encoded using the same approach.

12 March

Room X

09.00 – 9.20	Results session urban
09.00 – 09.40	Results session agriculture
09.40 – 10.00	Results session linear features
10.00 – 10.20	Results session forest
10.20 – 11.00	Coffee break
11.00-11.30	Results GIO session
11.30 – 13.00	Discussion on next steps (new home work) Preparation of NRC meeting
13.00	End of the meeting
	Departure