

# Relationship between EUREF and INSPIRE

## - EUREF TWG Statement -

Version 0      HH, Draft version for discussion

### Scope

21 Nov 2006	Agreement of European Parliament and Council on the INSPIRE Directive
17 Jan 2007	Joint text of the Directive approved by the Conciliation Committee. Publication of final text version.
29 Jan 2007	Council adopts INSPIRE Directive
02 Feb 2007	INSPIRE Draft Implementing Rules for Metadata published. Contact persons of SDIC/LMO notified.
13 Feb 2007	European Parliament adopts INSPIRE Directive
<b>Now</b>	Consultation on more INSPIRE Draft Implementing Rules to start shortly.
2007 – 2008 Transposition Phase	The Member States have a period of two years to transpose INSPIRE into their national legislation. One of the key activities in the Transposition phase regards the adoption of Implementing Rules following a timetable set by INSPIRE.
2009 – 2013 Implementation Phase	Once INSPIRE is transposed by the Member States into national legislation, its measures will be implemented and monitored.

With the publication by Council and Parliament of the INSPIRE text as agreed in conciliation, it is now possible to start the process of consultation on the draft implementing rules. The process has started with the draft implementing rules (IRs) on Metadata in early February. This draft is publicly available on the INSPIRE web site, but in this first round of consultation, the possibility to give comments will be restricted to registered SDICs and LMOs. A second revised draft will be open to full public consultation towards summer 2007. More detailed information on time, procedures, and draft IRs will be made available as soon as possible.

The INSPIRE themes are listed in Annexes I to III of the directive. The so-called “Waterframe Directive (DIRECTIVE 2000/60/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 October 2000)” is on establishing a framework for Community action in the field of water policy and has been named by the INSPIRE Consolidation Team as an example how to deal with specific topics. There are now discussions going on, how requirements of the World Meteorological Organization (WMO), a Specialized Agency of the United Nations, may be considered in the draft implementation rules. WMO data are exchanged in tightly defined formats, controlled by Commission for Basic Systems (CBS) and defined by WWW expert teams on WMO Codes. These codes have been developed over 50 years, with particular emphasis on brevity for transmission, and standardisation for multilingual use.

There may exist an opportunity for EUREF to formulate its own requirements against INSPIRE to implement chosen products into INSPIRE. This is now possible in the upcoming consultation process, as EUREF is registered as SDIC.

## EUREF's Position

The TWG has to define EUREF's position w.r.t. the INSPIRE process of drafting the implementation rules and the future steps.

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Key questions:

What is EUREF expecting from INSPIRE?

Is EUREF willing to use the planned INSPIRE infrastructure for providing products?

How could EUREF contribute to European spatial information?

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INSPIRE aims to establish an infrastructure for spatial information in Europe. "Coordinate reference systems" are explicitly listed as the first theme in Annex I of the directive, and obviously all spatial information have to be referenced to a coordinate reference system.

The ISO 19111 defines the conceptual schema for the description of spatial referencing by coordinates. It describes the minimum data required to define one-, two- and three-dimensional coordinate reference systems. It allows additional descriptive information to be provided. It also describes the information required to change coordinate values from one coordinate reference system to another.

EUREF defines, realises and maintains ETRS89, which is the reference coordinate system of the European Union.

EUREF lays down the following position:

***EUREF provides the coordinate reference system for INSPIRE through ETRS89. All technical specifications that are required to realise the ETRS89 must be considered in the INSPIRE conceptional model.***

***The ISO 19111 is the base of the conceptional model for coordinate reference systems. In addition to that the INSPIRE infrastructure has to account for the following parameters:***

***- European velocity field***

***- ...***

***EUREF considers to provide additional products beside the ETRS89 through the INSPIRE infrastructure, as far as these products contribute to the goals of INSPIRE, as there are***

***- Unified European height system***

***- ...***

## Draft Implementation Rules Review

The INSPIRE Draft Implementing Rules for Metadata have been made publicly available on February 2, 2007. The remaining draft implementation rules as compiled by the INSPIRE drafting teams will be distributed among the registered SDICs/LMOs by the Consolidation Team on end of March 2007.

EUREF lays down the following position:

***EUREF will comment the Draft Implementation Rules according to the position given above.***