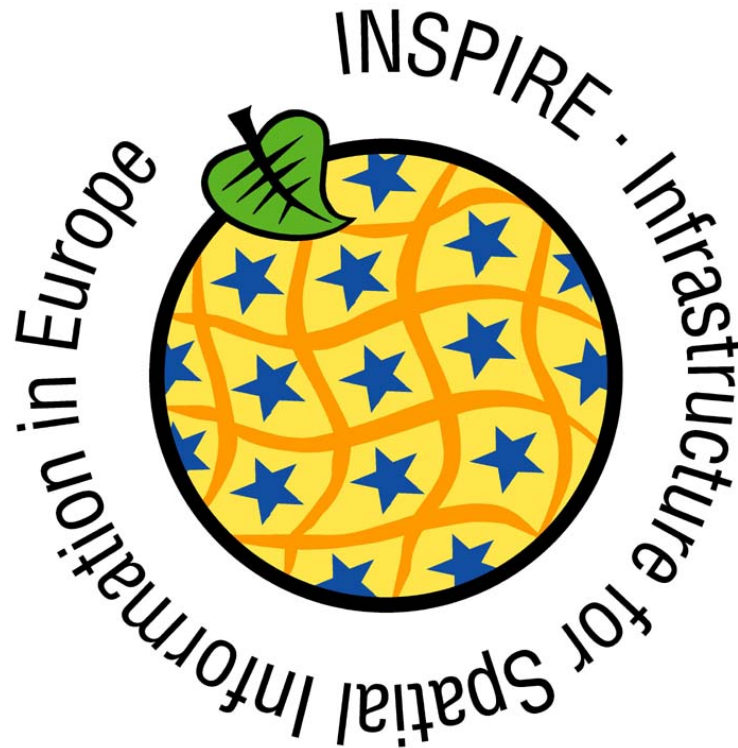


Møde i den danske INSPIRE-følgegruppe  
**2. marts 2006**



**Infrastruktur for Stedbestemt Information i Europa**

# DK-Følgegruppe

Formålet bl.a.:

*at afklare, hvilke krav fra det kommende INSPIRE-direktiv der vil få indflydelse på anvendelsen og udbredelsen af geografiske data på de 3 administrative niveauer, herunder de økonomiske konsekvenser.*



# Dagsorden

**10.00-10.15 Velkomst og godkendelse af dagsorden**

**10.15-10.35 Status for INSPIRE-direktivforslaget**

- Arbejdet i Ministerrådet v/ Jes Ryttersgaard, KMS
  - Fælles Holdning fastlagt af Rådet og Rådets  
begrundelse
- Arbejdet i EU-Parlamentet v/ Jes Ryttersgaard, KMS
- Den videre proces v/ Jes Ryttersgaard, KMS
- Status for etablering af teknisk netværk i DK v/ Dorte Ernst,  
KMS

**10.35-11.05 Orientering om status i skrivegrupperne for  
implementeringsregler v/ Jan Hjelmager, Jes  
Hollænder**

**11.05-11.15 PAUSE**

**11.15-11.45 Orientering om GMES**

v/ Mette Müller, Forskningsstyrelsen, Henning Skriver,  
DTU

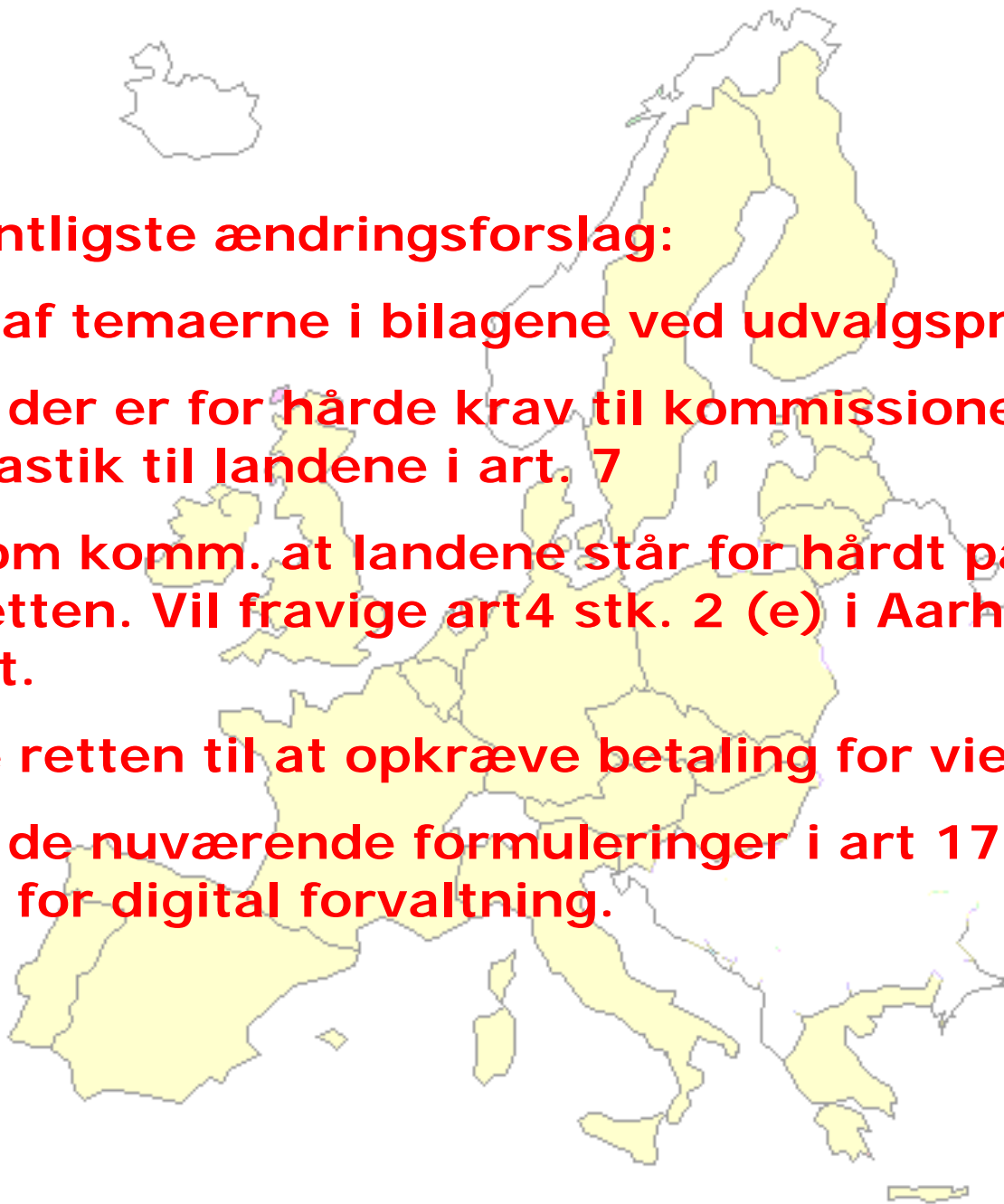
**11.45-12.00 Gensidig orientering, herunder status for  
FOT**

**12.00-12.15 Eventuelt**



## EP's væsentligste ændringsforslag:

- ændring af temaerne i bilagene ved udvalgsproceduren
- finder at der er for hårde krav til kommissionen og for meget elastik til landene i art. 7
- mener som komm. at landene står for hårdt på ophavsretten. Vil fravige art 4 stk. 2 (e) i Aarhus direktivet.
- vil fjerne retten til at opkræve betaling for viewing
- finder at de nuværende formuleringer i art 17. vil blive barrierer for digital forvaltning.



# INSPIRE

3 (+1) måned

3 (+1) måned

6 (+2) uger

6 (+2) uger

6 (+2) uger

EP første læsning

EP anden læsning

EP tredje læsning

MR første læsning

MR anden læsning

MR tredje læsning

Fælles Holdning afvist

Fælles Holdning accepteret

ændringer

ændringer accepteret

Ændringer afvist

Ikke godkendt

godkendt

godkendt

Forberedelse af mægling

Ingen fælles tekst

Forberedelse af mægling

Fælles tekst

Fælles tekst afvist

Fælles tekst accepteret

godkendt

Fælles tekst accepteret

Fælles tekst afvist

# INSPIRE

# INSPIRE



- Møde i MR-miljøarbejdsgruppe den 1. marts 2006

Der tegnede sig et billede, hvor landene ikke signalerede enighed.

Der var en række tegn på fleksibilitet.

Danmark ønsker at fastholde kompromisteksten

- Afstemning i EP-miljøkomite den 21. Marts

Det forventes at rapporteuren har bred opbakning til sin holdning.

- Møde i MR-miljøarbejdsgruppe den 30. marts 2006

Vurdering af mulighederne for 2. læsnings enighed ("nøglen" findes i art. 17)

**INSPIRE**



**INSPIRE**



## **Kontaktpersoner hos institutioner med andel i data-tema**

### **Tilbagemeldinger fra**

**Ole Gregor, Viborg Amt**

**Danmarks Meteorologiske Institut v/Lillian Wester Andersen, DMI**

**Erik Sommer, Danmarks Statistik**

**Jørgen Tulstrup, GEUS**

### **Mangler tilbagemeldinger fra**

**DFFE v/Bjarne Lanng (har lovet Dorthe Drauschke en tilbage melding, mail af 11.10.05)**

**Vejdirektoratet v/ Anne Kjølhede Revald, VD**

**Miljøforvaltning 2007 v/Henrik Frost Christophersen, CFK**

**Ehvervs- og Byggestyrelsen v/Winn Nielsen, EBST**

**Kommunernes Landsforening v/Sofie Jensen**

**Københavns Kommune v/Niels Peter Jensen**

**Frederiksberg Kommune v/Tom Kjærbye**

**DMU v/Henning Sten Hansen (EU INSPIRE-ekspgr, Michael Stjernholm)**

**IT- og Telestyrelsen v/Bryan Rasmussen, Adam Arent**



# Annex I



# INSPIRE



**INFRASTRUCTURE FOR SPATIAL INFORMATION IN EUROPE**

# INSPIRE



## THE INSPIRE PRINCIPLES

### DATA

should be **collected** once and **maintained** at the level where this can be done **most effectively**

### INPEROPERABILITY

It should be possible to **combine** seamless spatial information from different sources across Europe and **share** it between many users and application

It should be possible for information collected at one level to be shared between all the different levels, detailed for detailed investigations, general for strategic purposes

### NETWORKSERVICES

It should be **easy to discover** which geographic information is available, fits the needs for a particular use and under which conditions it can be acquired and used

### CONDITIONS

Geographic information needed for good governance at all levels should be abundant **under conditions that do not refrain its extensive use**

Geographic data should become easy to understand and interpret because it can be visualised within the appropriate context selected in a user-friendly way.

## Den tekniske proces

Kommissionen:

udarbejder forslag til direktiv  
(ekspertgruppe)

udarbejder forslag til  
implementeringsplaner (komite)

Etablerer portal

Overvåger

## Den politiske proces

Parallel behandling i  
Ministerrådet og Parlamentet

Beslutning i parlamentet

Behandling på ministerrådsmøde

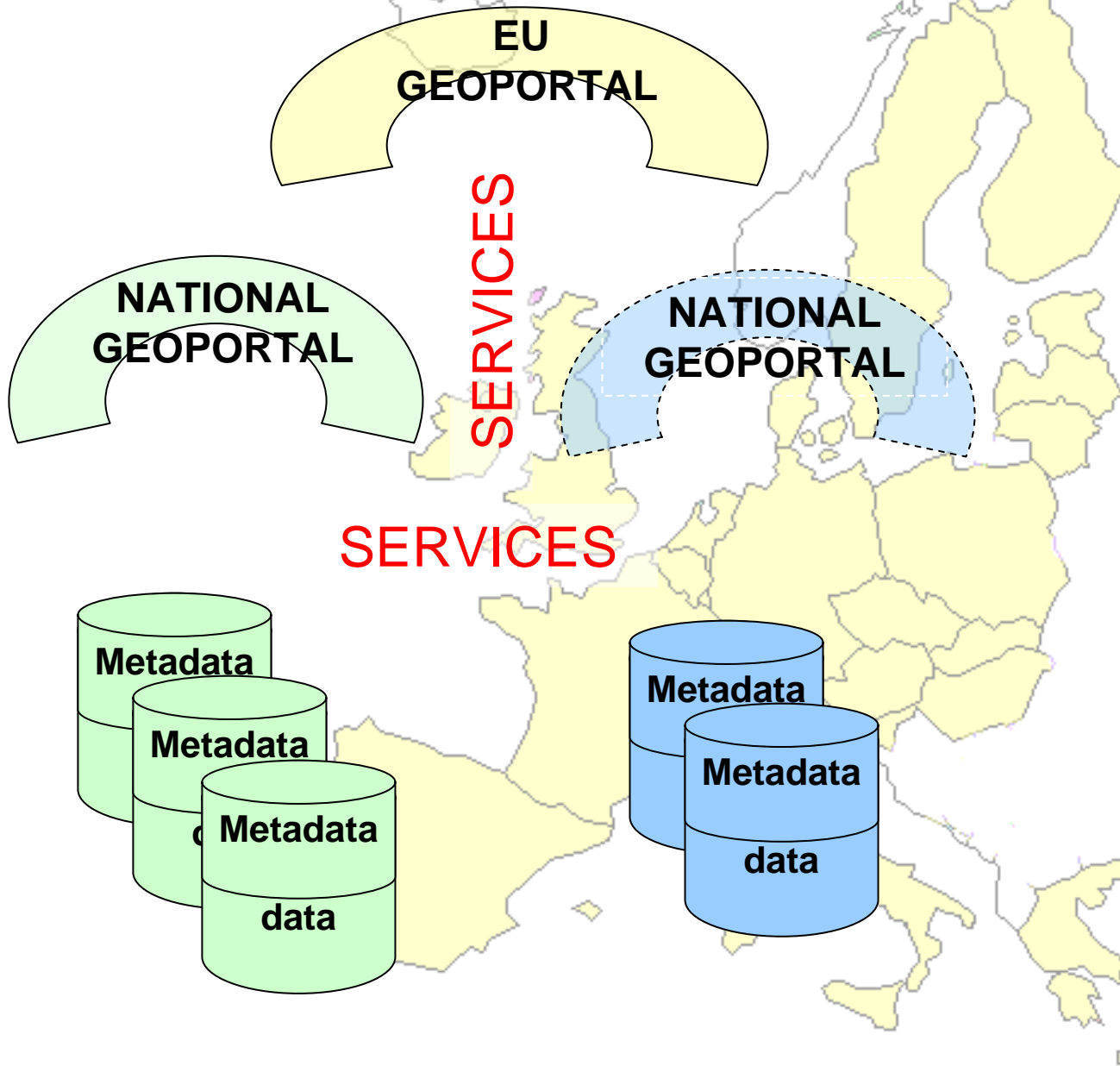
Endelig vedtagelse

---

Implementering i national  
lovgivning

**INSPIRE**

**EUROPE 2014?**



**2006: EU directive**

**2009: National  
legislation in  
place**

**2010: Services (a)  
2011: Services (b)**

**2010: Metadata (I-  
II)**

**2013: Metadata (III)**

**2011: Data (I)**

**2019: Data (II-III)?**

**EUROPE 2014**

**INSPIRE**

## OVERALL PROVISION

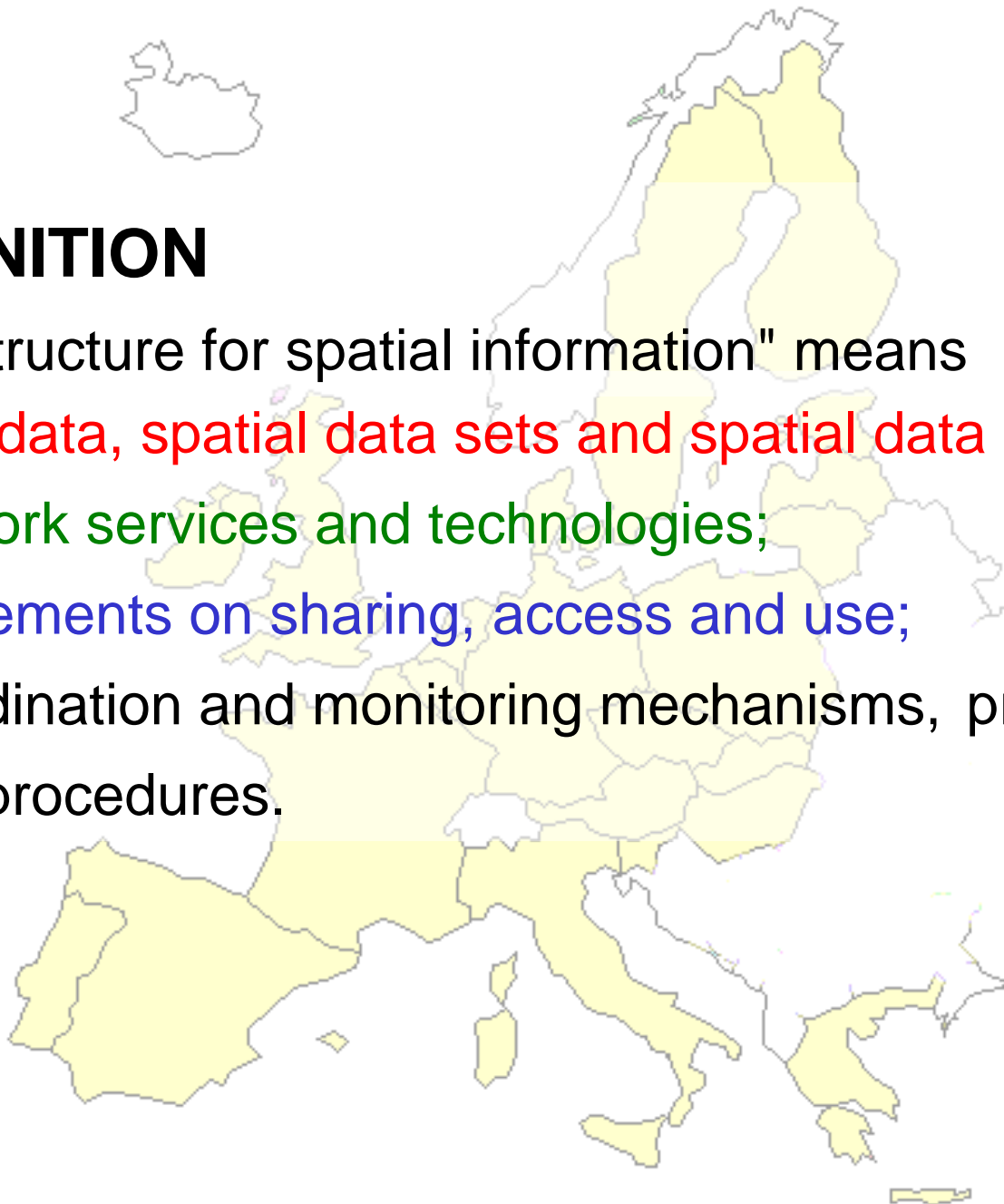
The infrastructure for spatial information in the Community shall build upon infrastructures for spatial information established and operated by the Member States



## DEFINITION

"infrastructure for spatial information" means

- metadata, spatial data sets and spatial data services;
- network services and technologies;
- agreements on sharing, access and use;
- coordination and monitoring mechanisms, processes and procedures.



## INSPIRE DATASETS

- are in electronic format
- are held by a public authority or .....
- represent the reference version of the spatial data sets.
- relate to the themes listed in the Annexes I, II or III.

INSPIRE does not request collection of new spatial data



## TWO CATEGORIES OF DATA

The first category (annex I and II data):  
data for geo-referencing data in the second category.

They have the status of "multi-purpose" spatial or basic data.

High demands on harmonisation

The second category (annex III data): the environmental data

They are needed in order to monitor and improve the state of the environment, including air, water, soil and .....

Limited demands on harmonisation

# INSPIRE



## Annex I - (2011)

Coordinate reference systems  
Geographical grid systems  
Geographical names  
Administrative units  
Transport networks  
Hydrography  
Protected sites

## Annex II - (2014 ?)

Elevation  
Addresses  
Cadastral parcels  
Land cover  
Orthoimagery  
Geology

## Annex III - (2014 ?)

Statistical units census  
Buildings  
Soil  
Landuse  
Human health and safety  
Governmental services and  
environmental monitoring facilities  
Classified sites (industry and agricultur)  
Population distribution – demography  
Area management and .... zones  
Natural risk zones  
Atmospheric conditions  
Meteorological geographical features  
Oceanographic geographical features  
Sea regions  
Bio-geographical regions  
Energy

## INTEROPERABILITY OF DATASETS AND

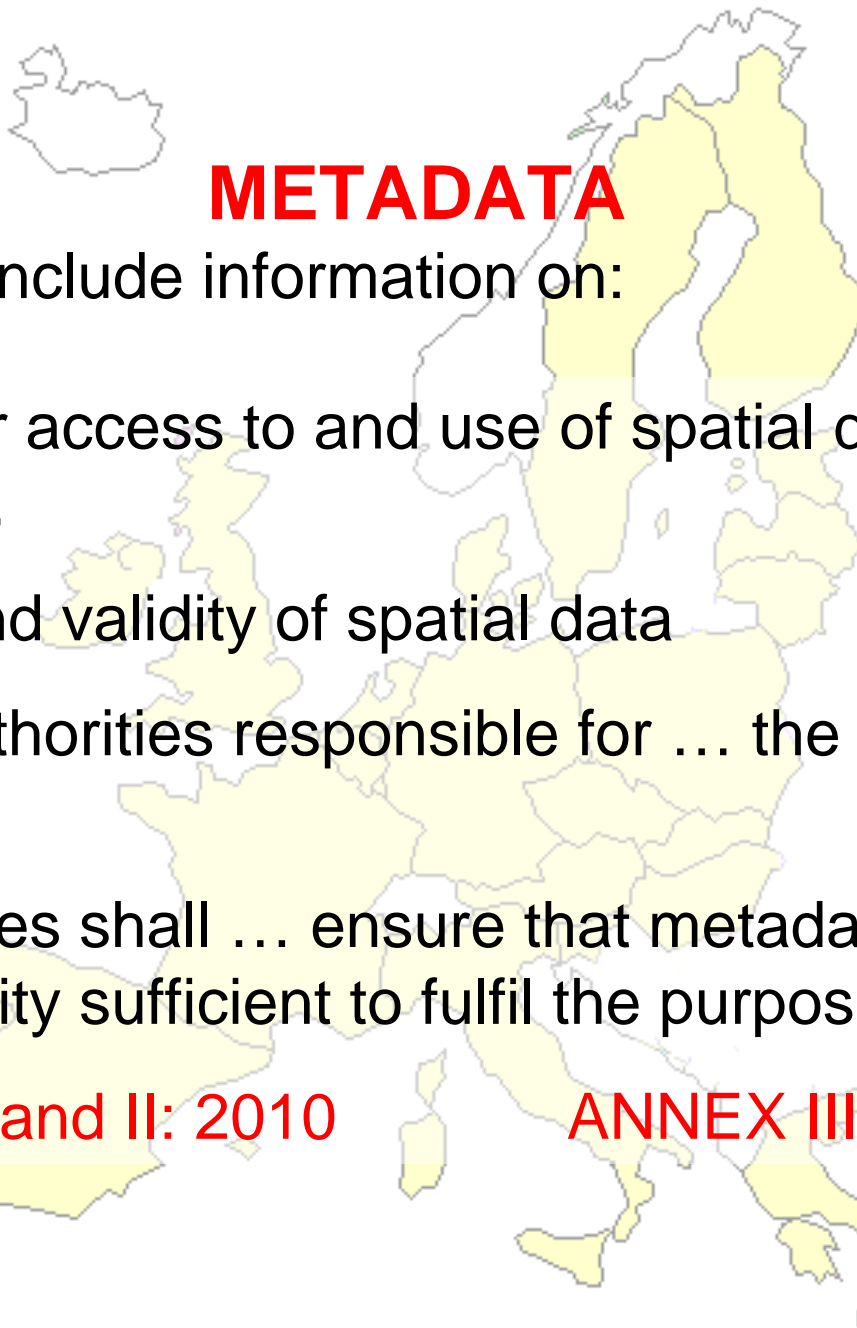
## SERVICES

### General demands to all INSPIRE datasets

Definition and classification of spatial objects relevant to the spatial data and the way in which those spatial data are geo-referenced.

### Specific demands to Annex I and II data

- unambiguous identification of spatial objects, to which identifiers under existing national systems can be mapped
- the relationship between spatial objects
- the key attributes .....
- information on the temporal dimension of the data
- updates of the data



## METADATA

Metadata shall include information on:

1. conditions for access to and use of spatial data sets and services .....
2. the quality and validity of spatial data
3. the public authorities responsible for ... the spatial data sets and services
4. Member States shall ... ensure that metadata are complete and of a quality sufficient to fulfil the purpose.

ANNEX I and II: 2010

ANNEX III: 2013

## NETWORK SERVICES

Discovery services

View services

Download services

Transformation services

**incl. semantic data transformation**

Additional services

(E-commerce service)

-----  
Community portal

National portals (not mandatory)

**based on a service oriented architecture**

## DATA-SHARING AND RE-USE

Discovery services

free of charge

View services

free of charge/charging

Download services

charging is possible

Transformation services

free of charge

E-commerce services

to be available

Additional services

charging is possible

---

Community portal

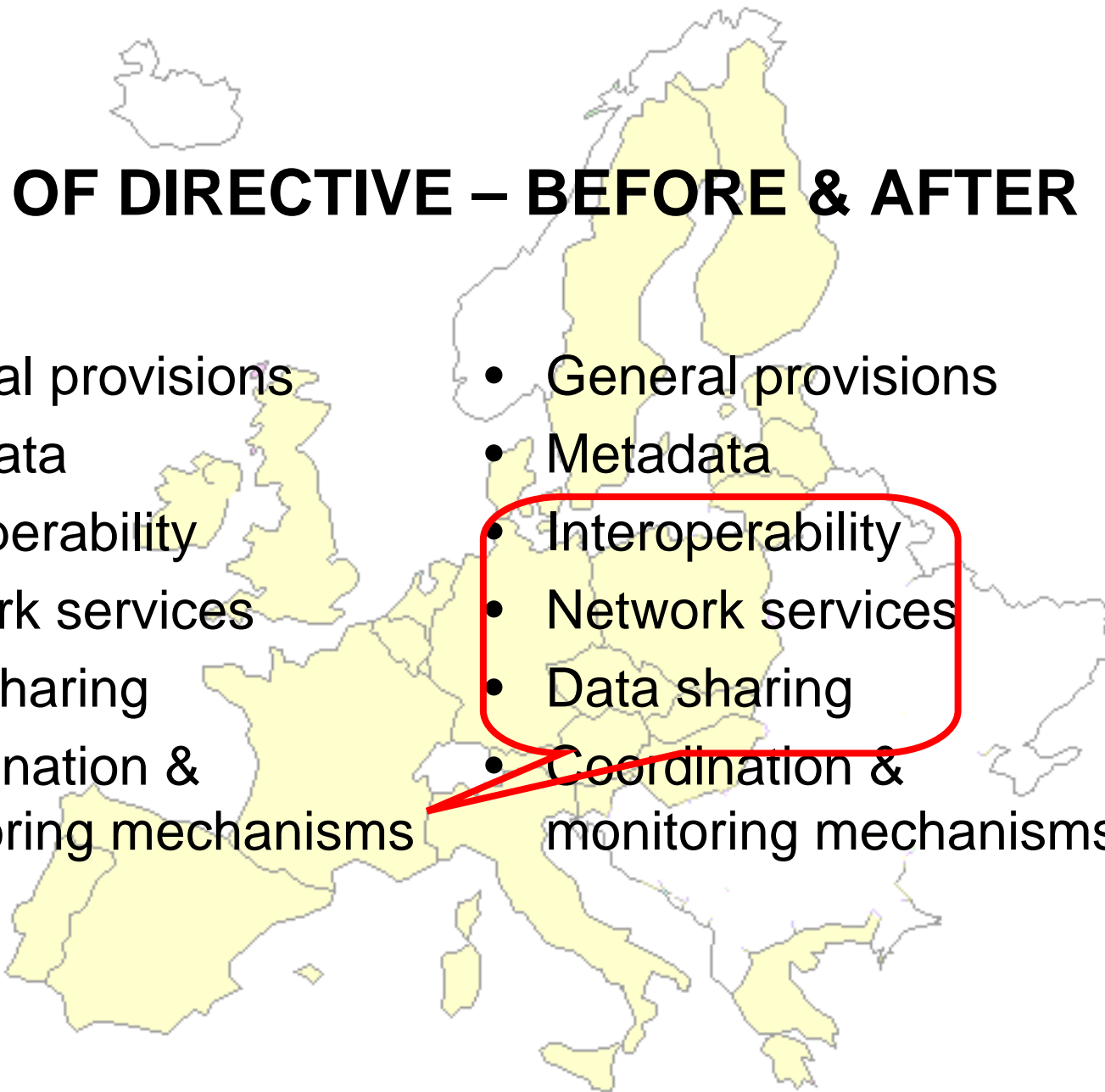
The Commission

National portals

The countries

---

## TEXT OF DIRECTIVE – BEFORE & AFTER

- 
- General provisions
  - Metadata
  - Interoperability
  - Network services
  - Data sharing
  - Coordination & monitoring mechanisms
- General provisions
  - Metadata
  - Interoperability
  - Network services
  - Data sharing
  - Coordination & monitoring mechanisms

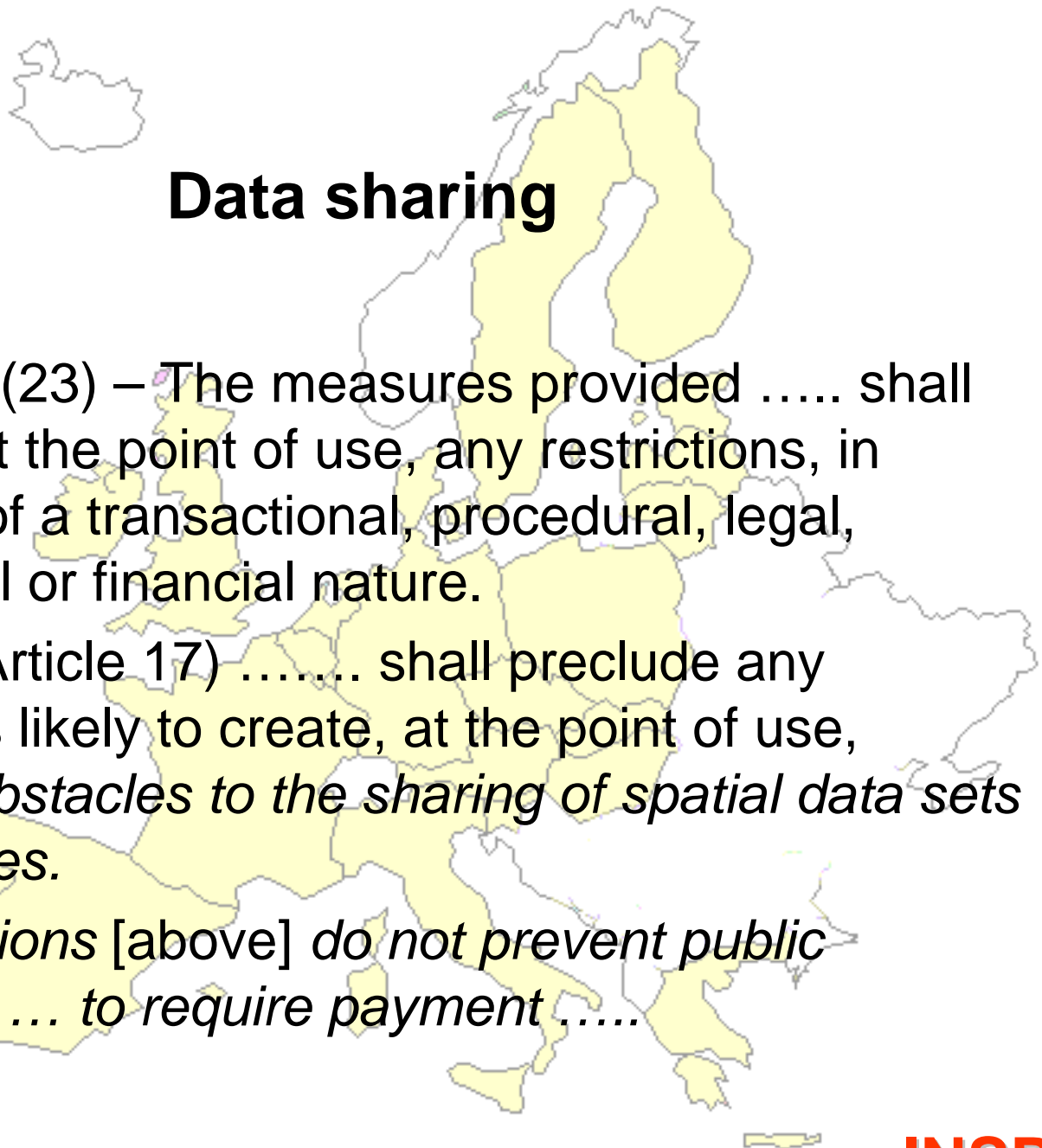
## Interoperability

- Article 7 – “*As a basis for developing the proposals for such implementing rules, the Commission shall undertake an analysis of the feasibility and expected costs and benefits*”
- “To the extent feasible, MS shall ensure all newly collected or updated spatial data sets ... are brought into conformity with the implementing rules ....



## Network Services

- Article 13 – MS may limit public access .... where such access would adversely affect any of the following:
  - ....
  - Intellectual property rights
  - ....
- Article 14 – MS shall ensure that:
  - ‘discovery services’ are available to the public free of charge
  - ‘view services’ are, as a rule, available to the public free of charge. However, .....



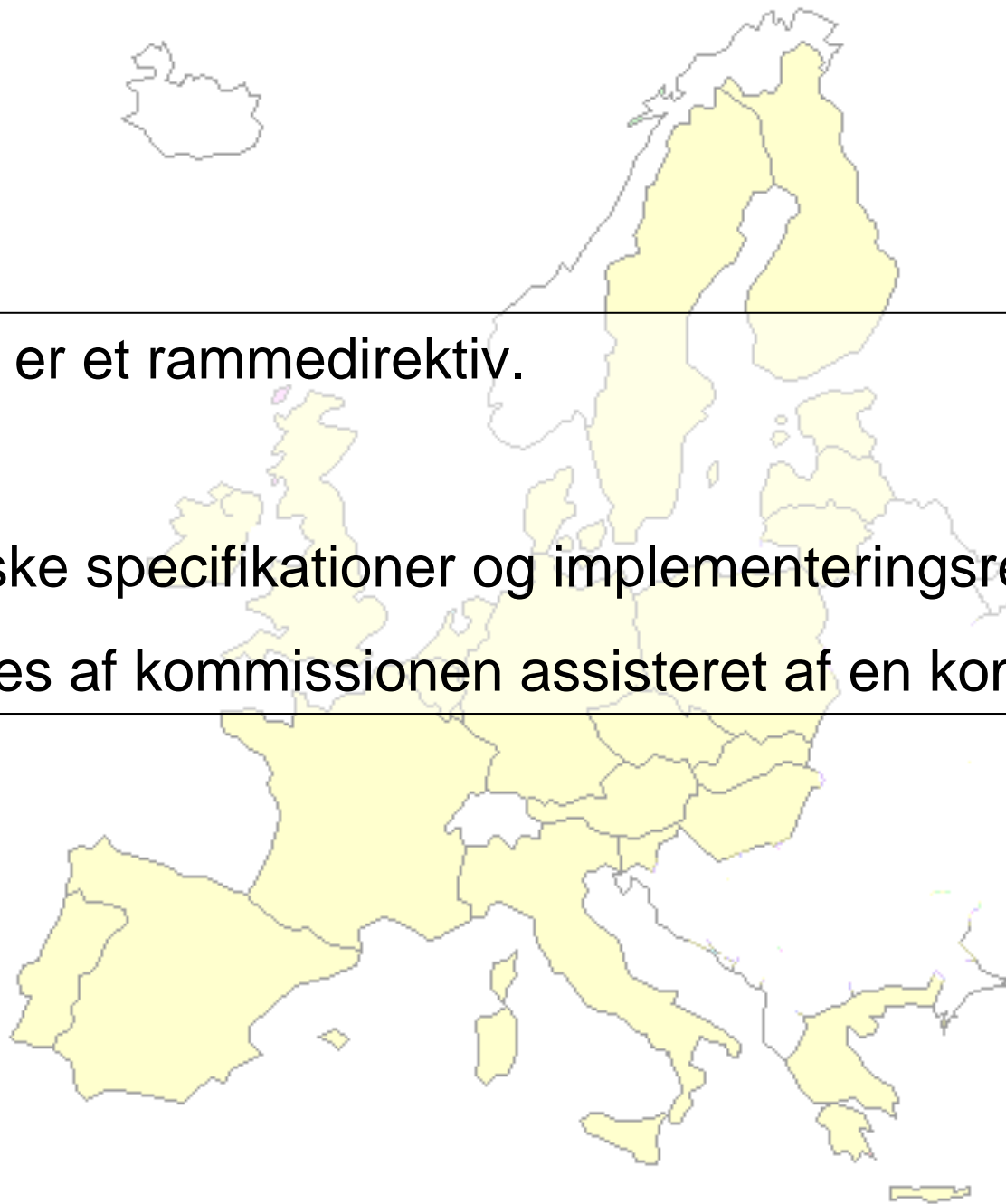
## Data sharing

- Old article (23) – The measures provided ..... shall preclude at the point of use, any restrictions, in particular of a transactional, procedural, legal, institutional or financial nature.
- Became (Article 17) ..... shall preclude any restrictions likely to create, at the point of use, *practical obstacles to the sharing of spatial data sets and services.*
- *The provisions [above] do not prevent public authorities ... to require payment .....*



INSPIRE er et rammedirektiv.

De tekniske specifikationer og implementeringsreglerne udarbejdes af kommissionen assisteret af en komite.



## VEJEN FREM TIL ET DIREKTIV

1. Politisk enighed på rådsmødet den 24. Juni (Komm. uenig)
2. Juridisk og sproglig finpudsning, samt oversættelse.
3. Ministerrådet giver "håndslag" på forslaget.
4. Rådets forslag sendes til parlamentet.
5. Anden læsning starter i formentlig omkring 1. december 2005.
6. Har parlamentet ændringsforlag starter en proces, hvor landene i miljøudvalget fastlægger forhandlings-mandatet. "Parlament" og formandsskab etablerer et fælles grundlag.
7. Når det foreligger sender formanden for ministerrådet den nye tekst til parlamentets formand, der herefter meddeler at de er enige.
8. Miljøministrene kan så forhåbentlig tiltræde teksten.
9. Hvis råd og parlament ikke kan enes skal forligsudvalget på arbejde.