UK SDI



INSPIRE Transposition

Ian Greenwood

Transposition Project Manager

ian.greenwood@defra.gsi.gov.uk

INSPIRE Directive



- It's about creating a pan European spatial data infrastructure – better access to data/services.
- Allows public to 'discover' what data/data services exist on specific subject areas, view them, download and transform them – network services.
- Obligations on Member States to ensure data and metadata are consistent and meet criteria
- Underpinned by detailed Implementing Rules

Transposition - Progress



- We have reached the consultation stage
- In this instance there is a formal written consultation document http://www.defra.gov.uk/corporate/consult/insp ire/index.htm
- Supported by an estimate of the impact of any regulations – costs, benefits and other things

INSPIRE Consultation



- The Directive contains a significant amount of prescription, so little discretion on the scope of new regulations.
- Creates a framework within which detailed Implementing Rules will sit.
- We are consulting on:
 - Definition of public authority
 - Various derogations
 - An opportunity for any other comments

Data Themes I & II



Theme I	Theme II
Coordinate Reference Systems	Elevation
Geographic grid systems	Land cover
Geographic names	Orthioimagery
Administrative Units	Geology
Address	
Cadastral Parcels	
Transport networks	
Hydrography	
Protected sites	

Data Theme III



Theme III	
Statistical Units	Natural risk
Buildings	Atmospheric conditions
Soil	Meteorological geographic features
Land use	Oceanographic geographic features
Human health & safety	Sea regions
Utility & governmental services	Bio-geographic regions
Environmental monitoring facilities	Habitats and biotopes
Production and industrial services.	Species distribution
Agriculture & aquaculture facilities	Energy resources
Population distribution - demography	Mineral resources
Area mgt/restriction/regulation zones	

A Timeline – Transposition +



Defra current best estimates – NB this may change

- September 2009 Regulations in place which means the Metadata Regulations that already exist will be operative
- 15 Dec 2011 new Theme I data compliant
- 15 Dec 2014 new Theme II & III data compliant
- 15 Dec 2016 existing Theme I data compliant
- 15 Dec 2019 existing Theme II & III data compliant