

Getting Started

Initial Guidance to Data
Providers and Publishers

Guide 3: What Needs to Happen
and When

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Change Summary

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1-0	5/7/2010	Tim Manning	First edition of guide.
2.0	21/7/2011	John Dixon	Second edition of guide.
2.1	8/4/2013	John Dixon	Table on Page 5 amended to clarify that Download Services are to be made available for INSPIRE Annex III datasets by December 2013.

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What needs to Happen and When

This third guide in the series "Getting Started" sets out what needs to happen and when. This edition focuses on Discovery and View Services only. Later editions will provide information on Download Services and Data Compliance.

A Phased Implementation

From a Data Provider and Publisher perspective, the implementation of INSPIRE is divided into two distinct phases:

Phase 1 – publishing your data as it is now

Phase 2 – publishing INSPIRE Annex I, II and III compliant data

Phase 1 is about publishing your data as it is today – you are not being asked to change the data itself at this stage. This can be data in scope of the INSPIRE Regulations or other location data (see "Getting Started, Guide 2")

Phase 2 is then mainly focussed on making your data INSPIRE compliant and conformant¹. Data that is referred to in the Regulation must be compliant, but you may also wish to publish additional spatial objects not yet defined in the Regulations – on a voluntary basis

Phase 1 –Publishing your data as it is now

Phase 1 encompasses the publishing of data for INSPIRE Annex I, II and III Themes, and also additional data voluntarily.

For Annex I, II and III datasets you must establish the following network services for your data:

- **Discovery Service**, metadata about your published data and services
- **View Service**, a map (spatially referenced image) of your data
- **Download Service**, the retrieval of the dataset itself

and also ensure you have the capability to use:

- **Coordinate Transformation Services**, the conversion of your data to another INSPIRE specified Coordinate System

¹ Compliant: ie "legal compliance" as bound by the [legal] INSPIRE Regulation – mandatory but usually general in definition i.e. it does not state "how"

Conformance: i.e. "technically conformant" with a INSPIRE Technical Guide – non binding but specific to support interoperability. Without this, any investment in compliance will have limited benefit.

Note: UK INSPIRE is currently working with the European Commission to prepare guidance, and where appropriate technical solutions, to support both Download and Transformation Services (Coordinate & Schema).

These network services must comply with the INSPIRE Network Services Regulations.

For datasets or spatial objects that lie outside the current scope of the INSPIRE Themes, you only need to provide INSPIRE compliant Discovery and View Services. If you choose to provide any additional services, these must also comply with the INSPIRE regulations.

The timetable for Phase 1 reflects the INSPIRE regulation dates. These are shown below:

Date	Milestone	Notes
December 2010	Compliant Discovery Metadata created (and available) for INSPIRE Annex I & II datasets	Member States are only required to provide the INSPIRE Discovery Service with initial operating capability by May 2011, and full operating capability by November 2011.
May 2011	View Services established for INSPIRE Annex I & II datasets (start of initial operating capability).	Not required to meet INSPIRE Quality of Service criteria.
November 2011	Full View Services established for INSPIRE Annex I & II datasets (end of initial operating capability).	Required to meet INSPIRE Quality of Service criteria.
June 2012	Download and Coordinate Transformation Services established (start of initial operating capability).	
December 2012	Full Download & Coordinate Transformation Services capability (end of initial operating capability).	Required to meet INSPIRE Quality of Service criteria.
December 2013	Full Discovery Metadata, View and Download Services made available for INSPIRE Annex III datasets	

It should be stressed that outside the INSPIRE Themes and the scope of spatial objects defined within the Regulations, and subject to any UK Government policy and/or other statutes, as a Data Provider you are free to publish other location information against your own timetable.

Phase 2 – Publishing Compliant Data

This second phase is about publishing existing and new data in a form that complies with the INSPIRE Data Specifications. Strictly this phase only applies to datasets that come under the INSPIRE ISDSS Regulation by theme which are supported by the associated data specification.

Data compliance is led at an EU Member State level by the UK INSPIRE team.

The approach adopted to achieve data compliance is likely to vary from theme to theme:

- the data may be converted in the source database as a one-off process and this approach is recommended as it will simplify and save costs downstream
- where this is not immediately possible a schema transformation service may be used to transform “as is” Data into INSPIRE conformant data.

UK INSPIRE has established a prioritisation process, to facilitate and guide the publishing of data in a way that minimises duplication across the public sector.

The broad timetable for Phase 2 is shown below:

Date	Milestone	Notes
December 2012	Newly collected and extensively restructured INSPIRE Annex I compliant data available	Requirements are set out in the ISDSS Regulation and Technical Guidance (data specification by theme)
Expected Oct/Dec 2015	Newly collected and extensively restructured INSPIRE Annex II and III compliant data available.	Requirements are set out in the ISDSS Regulation and Technical Guidance (data specification by theme)
June 2017	Publish INSPIRE Annex I compliant Data	Requirements are set out in the ISDSS Regulation and Technical Guidance (data specification by theme)
Expected Oct/Dec 2020	Publish INSPIRE Annex III compliant data	Requirements are set out in the ISDSS Regulation and Technical Guidance (data specification by theme)