Beyond 2020: Statistical Implementation of INSPIRE in the UK and the Development of Open, Machine-readable and Linked Data

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“Everything happens somewhere” – UK Location Strategy
Previous situation

- Geographic Referencing Infrastructure
- CD/DVD release
- Delivery by post
- Products disseminated across different software
So what did we want to do?

- Deliver our data online
- Migration to web services
- INSPIRE compliance
- Have a hosted solution
- Machine-readable data
- A single authoritative data source

What do you mean you haven’t been through the IT gateways?!!
The Perfect Policy Storm

OPEN – Government push towards open data

INSPIRE – Legal mandate for publishing geographic data at the European level

CENSUS – Requirement to publish Census geographic boundaries and other products
Case Study

The use of geographic web services to disseminate statistical geography data and meet the requirements of INSPIRE

The Open Geography Geoportal
The ability to discover data in a number of flexible ways
View and download data or extract metadata
Using view services to visualise boundary sets and extract data as required
Case Study

The use of geographic linked data as a framework for linking statistics

The Linked Data Explorer
Search for statistical geographies:
Enter a location...

Please type either:

- name of geography: Banking and Dagworth 2022
- code: 000000012
**Wiltshire**

**Type:** Unitary Authorities (UA)

**Theme:** Administrative


### Related Resources

#### Workplace Zones (WZ)

- E33046796
- E33046797
- E33046798
- E33046799
- E33046800
- E33046801
- E33046802
- E33046803
- E33046804
- E33046805

### Wiltshire Metadata

#### Type

statistical-geography

#### Label

E06000054

#### Notation

E06000054

#### Official Name

Wiltshire

#### Change Order Title

*The Wiltshire (Structural Change) Order 2008*

#### Originating Change Order

*402/2008*

#### Operative date

2008-04-01
The Wiltshire (Structural Change) Order 2008

2008 No. 490 ▶ Table of Contents

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Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

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PART 4 DUTIES OF THE WILTSHIRE COUNCIL AND THE DISTRICT COUNCILS RELEVANT TO TRANSITION

11. General transitional duties of the Wiltshire council and the district councils

PART 5 ELECTORAL MATTERS
Search for statistical geographies: royal

Please type either:

- name of geography: Barking and Dagenham 002
- code: E00000012
In summary

INSPIRE on its own is not enough......

• Move to machine readable data
• Move to implementation of APIs
• Migrate from current business processes
• Implement then develop
ANY QUESTIONS???