



# GDPR and INSPIRE

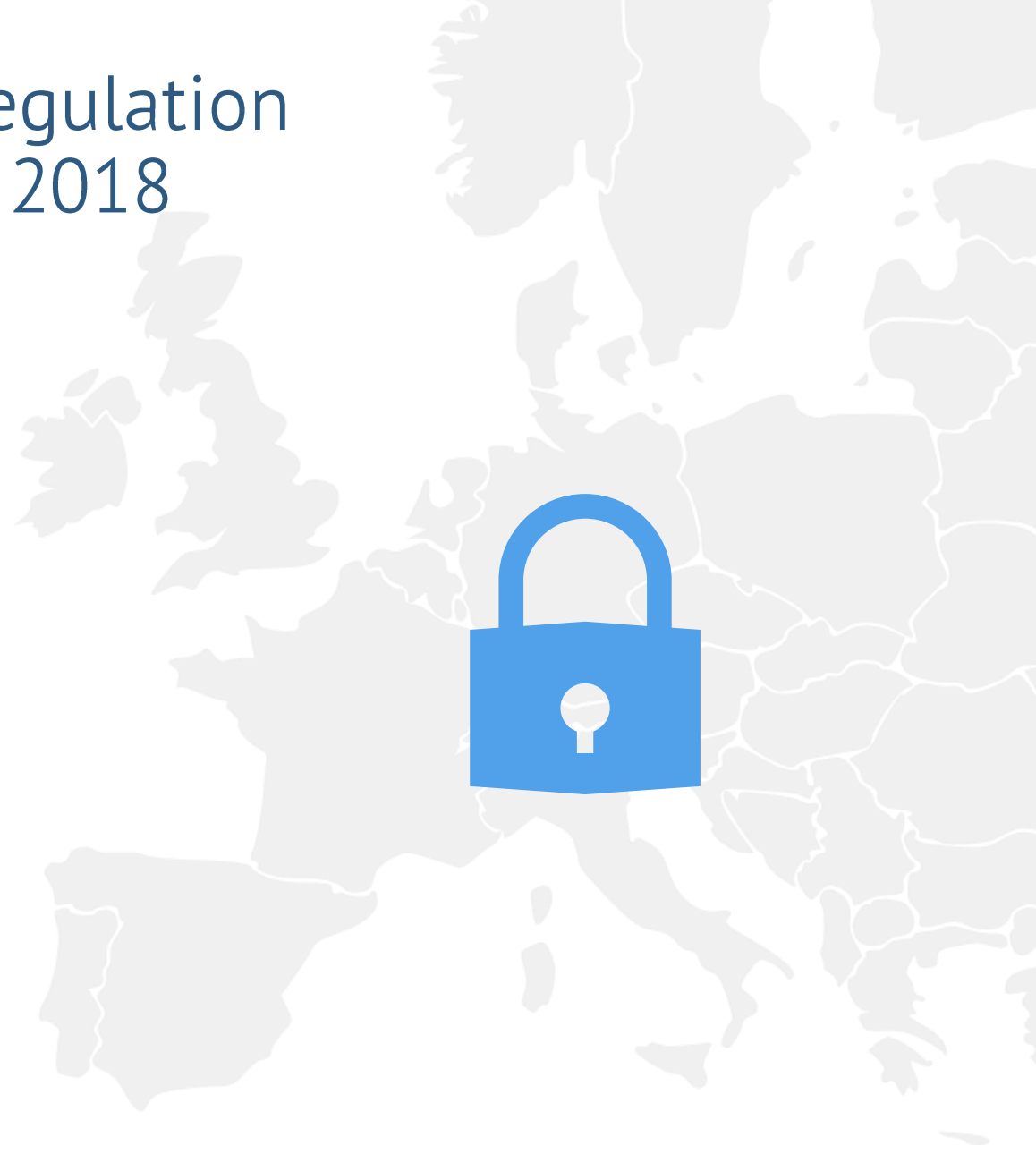
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INSPIRE And Beyond 2018

# An Overview of the GDPR



# The EU General Data Protection Regulation becomes enforceable on May 25<sup>th</sup>, 2018

The GDPR strengthens the privacy rights of people in the EU by requiring organizations to increase transparency surrounding the collection, use and protection of personal data.



# A Brief History: EU Data Protection Laws

- 1995 EU Data Protection Directive (95/46/EC) was a directive, not a regulation
- 1998 EU Members transpose Data Protection acts into law
- GDPR legislation imposes updates which reflect the rapid advances in technology which have occurred over past decades and unifies personal data protection across Europe



# What does the GDPR change?

- Increased territorial scope
- Penalties
- Clear consent
- Breach notification
- Right to access
- Right to be forgotten
- Data portability
- Privacy by design
- Privacy by default
- Data Protection Officers



# What is “personal data”

The GDPR regulates how organizations collect, store, use and process data that relates to an identified or identifiable natural person

Personal data includes:

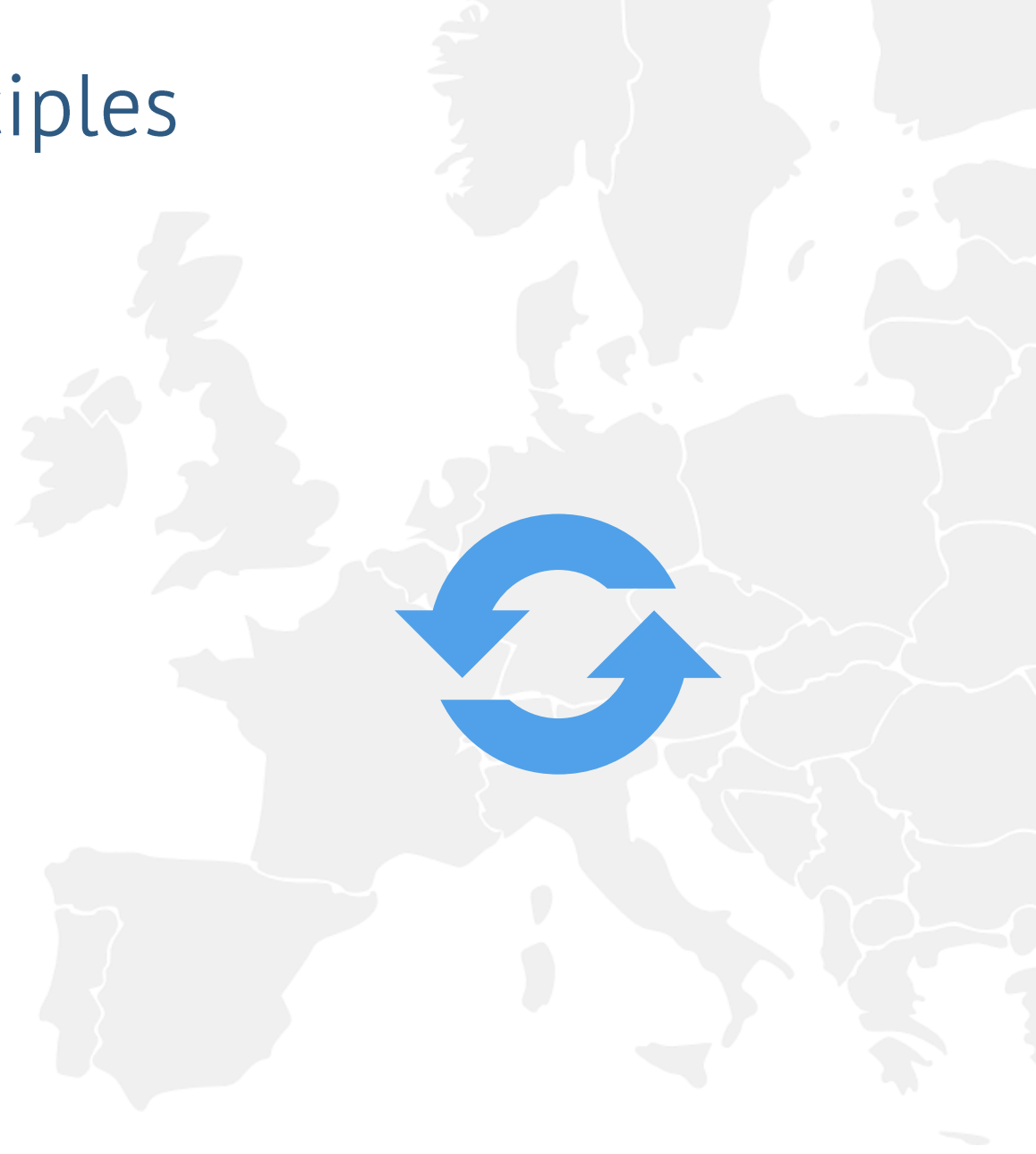
- Contact information
- Bank details
- Medical information
- Photos
- IP addresses
- Cloud storage
- Social media posts, and more..



# Personal data processing principles

The GDPR also regulates how personal data should be processed, once obtained.

- Lawfulness, fairness and transparency
- Purpose limitation
- Data minimization
- Accuracy
- Storage limitation
- Integrity and confidentiality



# GDPR and INSPIRE





# INSPIRE Directive 2007/2/EC Article 13(1)(f)

Member States may limit public access to spatial data sets and services where such access would adversely affect the confidentiality of personal data

INSPIRE implementers can use the **Limitations of public access** code list found in the INSPIRE metadata code list register to invoke Article 13(1)(f) rights

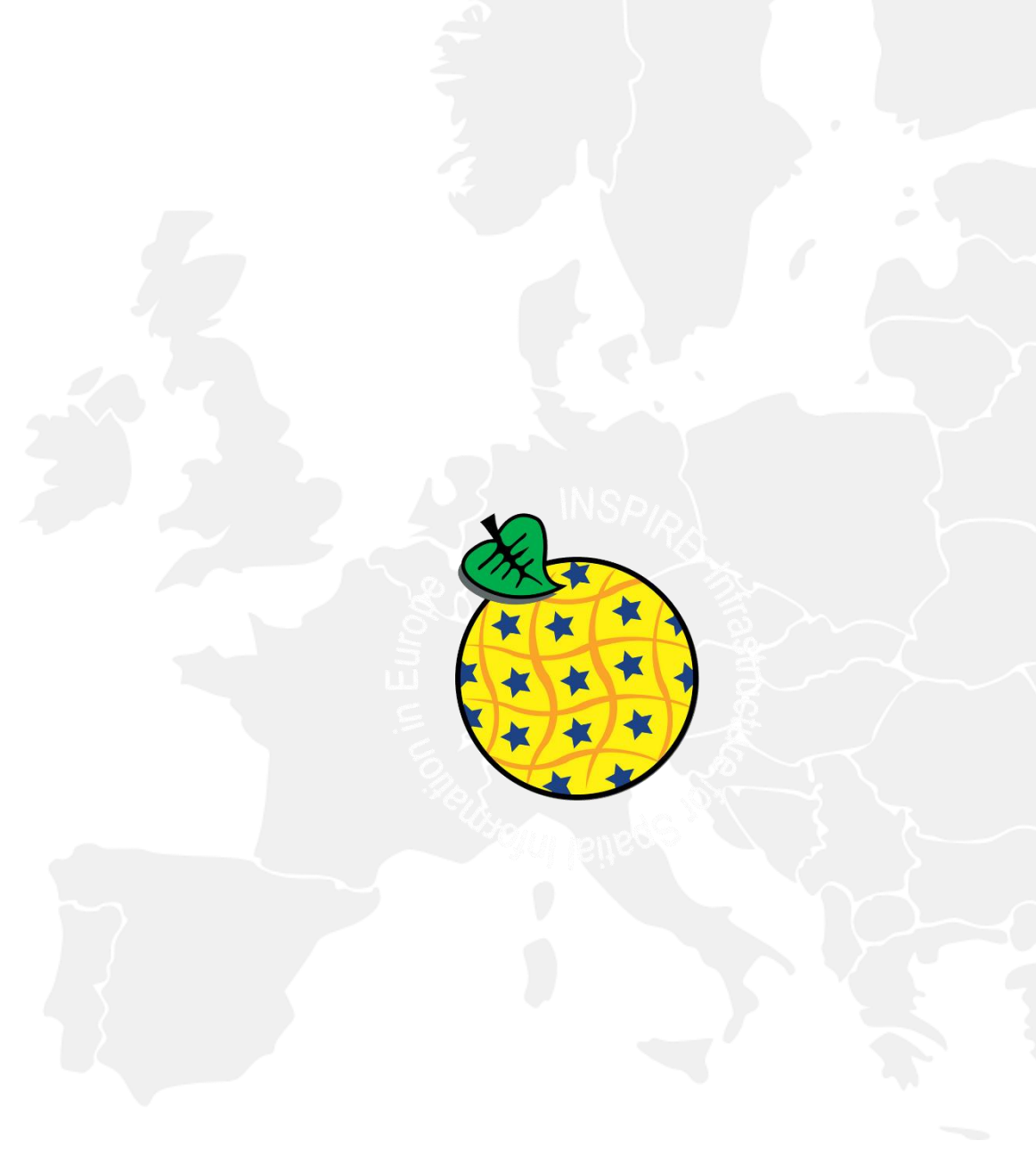


# What about the metadata?

The **Responsible party role** code list found in the INSPIRE metadata code list register enables data providers to supply the following information:

Author, Custodian, Distributor, Originator, Owner, Point of Contact, Principal Investigator, Processor, Publisher, Resource Provider and User.

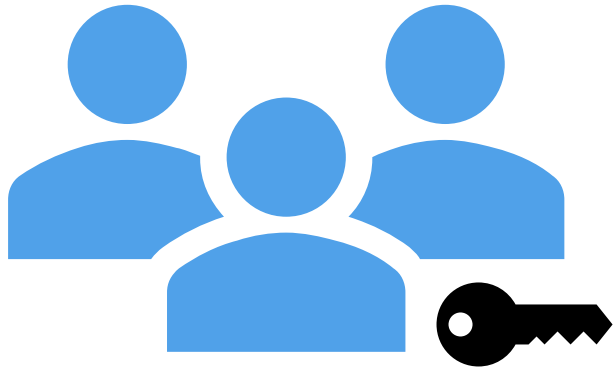
In some cases, data providers may be publishing personal data in their metadata.



# Ready for GDPR?

- Organizations rarely possess a universal “Delete” button
- GDPR compliance necessitates understanding your data footprint
- Are you prepared to respond to data subject’s requests to exercise their rights?





## Data Controllers

Determine the purpose of personal data processing

Data controllers have a duty to protect the privacy of individuals, or data subjects, whose personal data they collect and process



## Data Processors

Perform outsourced processing activities for controllers

Data processors have a duty to ensure the security of processing activities and work together with data controllers to reach GDPR compliance

# Data Processing Agreements

The processing of personal data is governed by legally binding data processing agreements (DPA's) between data controllers and data processors.

Additional sub-processors engaged by the processor, such as cloud providers, must be approved by the controller and are bound by the same data processing agreements.

DPA's clarify the allocation of accountability and the responsibilities that controllers and processors have to each other.



# wetransform Data Processing Agreement

**Wetransform is a data processor**, and as such performs processing activities in order to deliver services to customers, or data controllers.

Data processor activities are governed by a data processing agreement, and include the following obligations:

- Process data only on instructions from the data controller
- Ensure employees handling the data understand their obligation of confidentiality
- Implement technical and organizational measures to ensure data security
- Gain approval of the data controller before engaging sub-processors
- Assist the data controller in reaching GDPR compliance
- Delete or return personal data to the data controller after the end of services

# GDPR and Data Security at wetransform

**End to end compliance:** We work with our sub-processors, including Amazon Web Services (AWS), to ensure that the appropriate DPAs are in place

**Data Minimization:** We collect only what we need and do not correlate data with additional sources

**Data Separation:** We ensure that each user can access only their personal data and online resources

**HTTPS:** We ensure secure communication over the wetransform services

**User data encryption:** We use state-of-the-art technologies to ensure that our user's personal data is encrypted




# So, what about that metadata?

There are a few steps you can take to prepare for GDPR compliance:

Identify sources of personal data in your data sets



Look for automated solutions to retrieve, correct, block and delete the personal data you are responsible for



Hale Connect



# Hale Connect Metadata Editor



The Hale Connect metadata editor automatically generates INSPIRE compliant metadata using autofill rules.

This means that you make changes in one place, and have those changes take effect throughout your dataset.

Hale connect allows you to easily republish your network services

complete with updated changes to your network and data set metadata.

The screenshot shows the Hale Connect Metadata Editor interface for 'Rios Asturias'. The interface is divided into a sidebar on the left and a main content area on the right. The sidebar contains navigation options: Overview, Files (5), Metadata, View services, Download services, Monitoring, Derived data, Attribute coverage, Discussion, Tasks, and Notes. A red 'Delete' button is located at the bottom of the sidebar. The main content area displays metadata for 'Data Set - General' and 'Data set - Geographic Extent'. The 'Data set - Geographic Extent' section includes fields for eastBoundLongitude, northBoundLatitude, southBoundLatitude, and westBoundLongitude, each with a value and a green checkmark. A 'Fill automatically' button is visible in the top right corner of the main content area. The interface also shows other metadata sections like 'Data set - Contact for Metadata', 'Data Set - Contact for Data set', 'Data set - more information', 'Data set - legal constraints', and 'Services - Allgemeine Angaben', all with green checkmarks.

# Summary

GDPR ushers in a new era of personal data protection in Europe, highlighting the importance of pseudo-anonymization as Member States move increasingly towards open data.

GDPR and INSPIRE should be viewed as complementary regulations which support the ethical and secure dissemination of data without threat to personal privacy.



# #INSPIREMadeEasy

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# Who are **we** and what do we do for you?



Simon Thorsten Eleazar Andreas Sven Florian



Matt Anida Akshat Johanna Kate

- More than 50 customers, 2.000 users
- Data harmonisation services
- Open source data transformation software (hale studio)
- Integrated solutions for INSPIRE and other spatial data infrastructures (hale connect/inspire gis)

