TITLE DETAILS

Workshop title: **Organisation, Licensing, Technology: How to build successful, sustainable solutions on INSPIRE**

Workshop length: 90 min

Workshop type: Tutorial

WORKSHOP FACILITATOR DETAILS

Name: Thorsten Reitz (wetransform)
                Christopher Hönn (wetransform)
                Florian Esser (wetransform)

WORKSHOP DESCRIPTION INCLUDING LEARNING OBJECTIVES

In 2020, we are approaching the final deadlines of the INSPIRE implementation roadmap. Most Annex III data sets are not yet published according to the network service and data specifications, so a lot of work remains to make data accessible and useable.

At the same time, INSPIRE is at a crossroads: INSPIRE is currently evaluated and will be important foundation for policy decisions made in relation to the proposed green deal. Technical changes are on the horizon, such as the alternative and additional encodings that are under development. Furthermore, implementers need to transition from initial set-up to robust, sustainable operation and usage. More than 97% of data sets are still on premise, and not yet in cloud environments.

In this workshop, we will provide participants with the methodological knowledge to get through the final "Sprint" to implement INSPIRE, and then to transition into a sustainable mode of operations.

This workshop combines the following key learning objectives:

-   Understand what organisational preconditions such as data licensing strategies need to be fulfilled to make a useful contribution to the INSPIRE ecosystem

-   Understand how to effectively harmonise and publish a data set using hale studio and hale connect

-   Learn how to operate a node of the INSPIRE infrastructure efficiently, and how to benefit from new developments such as the OGC Feature API

-   Understand what kind of solutions can be enabled, and how, by participating in the INSPIRE ecosystem

During the workshop, we will use an end-to-end running example with local data. This data set will be harmonised, published, metadata will be generated, and an application will be set up to consume it in less than three hours.

INSTRUCTIONS FOR PARTICIPANTS

Participants do not need to have specific prior knowledge. The workshop will focus on methodological aspects that are important to INSPIRE project managers, decision makers and implementers, but will also "show how it's done" using a concrete example. You can follow the running example after the workshop, as we will provide all resources.

DETAILED WORKSHOP AGENDA

00:00 to 00:15	A Quick Virtual INSPIRE Icebreaker	Alexander Kotsev (JRC)
00:15 to 00:30	Start with Why: INSPIRE, PSI, ODP and the Green Deal Data Ecosystem	Thorsten Reitz
00:30 to 00:45	Organisational challenges and patterns for implementing and operating INSPIRE: How do you best set up yourself to succeed with your INSPIRE implementation	Christopher Hönn
00:45 to 01:15	*How can I efficiently implement INSPIRE and be compliant?* - Comparing implementation options - Harmonisation of a simple data set using hale studio - Metadata generation and publication of the data set using hale connect - Ensure compliance - Sustainable operations	Florian Esser
01:15 to 01:30	*How can I provide truly useful resources?* - Making Data Useable and Useful: The Licensing aspect	Thorsten Reitz

	- Using complex data - Being ready for new technological developments (APIs, Alternative Encodings, BI/AI applications)	