



European
Commission

INSPIRE Webinar

Exchange of views on the draft Work Programme 2020-2024



28 April 2020

European Commission
Directorate General for Environment
Directorate E - Implementation and Support to Member States
Unit E.4 – Compliance & Better Regulation

Welcome (5')

ENV (Joeri) – sli.do 5'

Information (20')

- 1) 11th meeting of the MIG – ENV (Joeri)
- 2) INSPIRE Conference – JRC (Vlado)
- 3) Monitoring and Reporting 2019 – JRC (Robert)
- 4) Written procedure MIWP actions – ENV (Joeri)

Work Programme 2020-2024 (75')

- ENV (Joeri) presents general context + Work Area3
- JRC (Michael) presents Work Area 1
- EEA (Stefan) presents Work Area 2

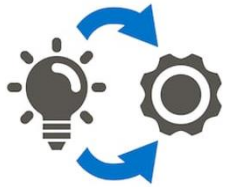
Sli.do – Get started

Content of the draft WP 2020-2024

- 1 Background and context
 - 2 Strategic direction towards need driven implementation
 - 3 Working areas and key activities
 - 3.1 Area of work 1: "Towards a common implementation landing zone"
 - 3.2 Area of work 2: "A digital ecosystem for the environment and sustainability"
 - 3.3 Area of work 3: "A European Green Dataspace in support of the EU Green Deal"
 - 3.4 Other activities
 - 4 Stakeholder engagement
 - 5 Working arrangements and practicalities
 - 6 Conclusions and outlook
- Annex 1: Core actions under the MIWP linked to the main working areas
- Annex 2: Other activities of interest (for information)
- Annex 3: Transition from the MIWP 2016-2020 to the MIWP 2020-2024

Feedback received from 13 MS: AT, BG, DE, DK, ES, FI, FR, LT, MT, NL, NO, PL, SE
In general very positive and constructive. Main concerns on
harmonization/interoperability, technical support (e.g. validator) and lack of
resources to meet ambitious objectives.

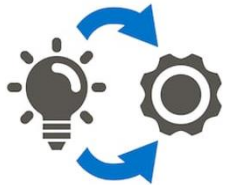
Background and context



The MIWP 2016-2020 was based on the outcome of the INSPIRE midterm evaluation. The progress made since 2016 is encouraging.

- Data access - Evaluated the shortcomings of the national data policies in relation to Article 17 of the Directive in more detail.
- Simplification & flexibility – Reviewed the INSPIRE rules, in particular on monitoring, reporting and spatial data harmonization (ongoing).
- Prioritization e.g. by the use of common tools, and promote priority setting together with the Member States.
- Higher awareness/engagement of environmental community – Reportnet 3.0
- new EU Geoportal
- ...

Background and context



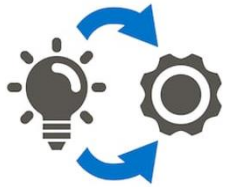
What have we really achieved? What benefits did this have for the environment, citizens, businesses?

- Implementation still delayed and gaps are only closing slowly.
- Need for more work on data sharing and continued work on increased flexibility
- Still different speeds and levels of engagements in MS
- The INSPIRE case in theory is still more convincing than in practice (e.g. limited number of real cases where INSPIRE is used at level of impact assessments or inspection)
- We still have not move far from the “proof of concept” to a “game changer” across all domains (e.g. difficulties of building a demonstrator, availability of priority datasets across EU27 still low, ...)

Setting the scene for the WP (3/5)



Background and context



A Europe fit for a digital Age

High expectations on the usability of the INSPIRE data infrastructure.

DIGITAL EUROPE PROGRAMME

FIVE FOCUS AREAS UNDER DIGITAL EUROPE PROGRAMME:



WP 2021-2022 under DEP
Digital for Planet chapter

Towards and EU common green dataspace
in support of the Green Deal

EUROPEAN DATA PACKAGE

OPEN DATA & PSI DIRECTIVE
High Value Data sets

EUROPEAN DATA STRATEGY

Green Deal Dataspace

- **EU GREEN DATA4ALL**
- **A EU Dataspace for Smart Circular Applications (EDSCA)**
- **A pilot for the "zero pollution ambition"**
- **Destination Earth**

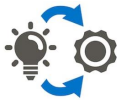
European Strategy for Data (19.2.2020): - B. Enablers: Investments in data and strengthening Europe's capabilities and infrastructures for hosting, processing and using data, interoperability

The Commission intends to fund the establishment of EU-wide common, interoperable data spaces in strategic sectors. Such spaces aim at overcoming legal and technical barriers to data sharing across organizations, by combining the necessary tools and infrastructures and addressing issues of trust, for example by way of common rules developed for the space. The spaces will include:

- the deployment of data-sharing tools and platforms;*
- the creation of data governance frameworks;*
- improving the availability, quality and interoperability of data – both in domain-specific settings and across sectors.*

Funding will also support authorities in the Member States in making high value data sets available for reuse in the different common data spaces

Background and context



Conclusions

- The Commission invites the Member States to continue the successful collaboration under a new Work Programme.
- The draft WP follows a two-step approach.
 1. Take the implementation of the INSPIRE Directive to an implementation across Europe with comparable maturity levels regarding data availability and accessibility by end of 2022, a common implementation “landing zone”.
 2. The landing zone would be the starting point for the further evolution of the legal framework beyond 2022 and the development of the European spatial data infrastructure in line with the new European strategy for data and the political guidelines in support of the objectives of the European Green Deal.
- The WP will have to undergo a regular review by the MIG to take into account external drivers and changing expectations (e.g. evaluation Directive, digital transition, priority use cases ...)

Background and context



Feedback received – No blocking issues

- Several MS have expressed that the practice of a parallel INSPIRE SDI does not apply in their country or identify as root cause the complexity and specificity of the INSPIRE implementation rules.
- It was also reiterated that the INSPIRE data specifications are too simplified to be useful at national level.
- Several MS have indicated they need more time to gather feedback. A second round of feedback is needed,
- Several MS raise lack of resources as a possible bottleneck for the Work Programme.



Strategic direction towards need driven implementation

The vision for INSPIRE has not changed

- Promote data sharing and put in place easy-to-use, transparent, interoperable spatial data services to help improving the quality of the environment and leading to effectiveness gains and more simplification.

Drivers for the new Work Programme

- Outcome of the workshop with the Member States about the future of the INSPIRE Directive (June 2019).
- The von der Leyen Commission (2019-2024) stressed the need for Europe to lead the transition to a healthy planet and a new digital world. Data is at the centre of this transformation and data-driven innovation will contribute to the implementation of the [European Green Deal](#). (see also slide 6)
- To use the major potential of data in support of the Green Deal priority actions a [Common European Green Deal data space](#) will be developed. The “GreenData4All” initiative, which (following an evaluation/impact assessment) will aim to review and possibly revise two pieces of existing legislation: Access to Environmental Information Directive (**2003/4/EC**) & INSPIRE Directive (**2007/2/EC**)



Strategic direction towards need driven implementation

Main objectives & actions under the new Work Programme

- Stricter EU priority setting regarding data scope and harmonisation to optimize the allocation of limited resources on those issues with highest priority and where tangible benefits for environment policy and the implementation of the European Green Deal can be expected.
- Promote and implement the idea of need driven prioritization and harmonization to improve the INSPIRE implementation for targeted priority eReporting and reference data in scope of INSPIRE Annexes I-III.
- Further simplification and mainstreaming of technical implementation requirements will be assessed as input for a possible review of the legal framework.
- The main proposed areas of work for the WP 2020-2024 are:
 - Area of work 1: Towards a common implementation landing zone;
 - Area of work 2: A digital ecosystem for the environment and sustainability;
 - Area of work 3: Green Data4All.



Strategic direction towards need driven implementation

Feedback received – No blocking issues

- **Accessibility**
 - Inspire should be a cornerstone of the proposed Common European Data Space.
 - Inspire need to focus on the accessibility of existing authoritative as-is core spatial data.
 - The Work Programme should support other EU initiatives reliant on access to such data
 - The data space of the Common European Green Deal in some areas is already being built in the geology sector under the joint program GeoERA.
- **Flexibility.**
 - Need to follow developments made by communities like W3C, OGC and ISO carefully.
 - Legislation and technical arrangement should be flexible so that such technologies can be deployed when ready and mature for use.
- **Simplification.**
 - More relaxing technical implementation. Inspire technical requirements are not supported by mainstream worldwide software vendors, making implementation more difficult and costly. The work plan should focus on simplification by removing such technical requirements.
- **Prioritisation.**
 - Need to prioritise among all the themes and sub-themes. Experiences so far demonstrates limited benefits to request full harmonisation for all themes.



Strategic direction towards need driven implementation

Special feedback

- It was a great pleasure to see the connections of the drafted programme especially to the New Green Deal and the European Data Strategy. We, as possibly a lot of other member states tried to bring this together. This might give a new boost for a Spatial Data Infrastructure and its further development. Thanks for integrating INSPIRE affairs into the overarching activities. Let's see if further aspect have to be considered as an outcome of the Covid-19-Crisis.

INSPIRE Work Programme
in the context of Green Deal & digitalisation

European Green Deal
COM (2019), 640 final

European Data Strategy

COM (2020), 66 final

Industrial strategy for Europe

SME strategy for sustainable & digital Europe

Shaping Europe's digital future
COM (2020), 67 final

Artificial Intelligence White Paper

European Common Data Spaces

Incl. Green Deal Data Space

Circular economy data space

Pilot project "Zero-Pollution"

Green Data4All

Env Info Directive

INSPIRE Directive

Destination Earth

Services for data

strategic development

Implementation/Support

Legal developments

Domain-specific impulses
Strategies & Action Plans and Others

Action plan Circular economy

Compliance assurance

Zero-Pollution Action plan
Air, water, soil

Sustainable development strategy
for chemicals

Biodiversity strategy

EU Forest Strategy

Agriculture strategic plans

Agriculture,
Energy,
Mobility
Health

Legal Development

Data Act

Governance Data Spaces

High Value Datasets

2020.1.3 — Part 1 (CT)

2020.1.2

2020.1.4

2020.1.8

(CT) 2020.2.

2020.1.9

INSPIRE Work Programme 2020 (draft)

"Towards a common European data space" Green Deal

2020.1.1

Priority Datasets Reporting

Priority Geospatial Datasets Commiss.

2020.4.1 (CT & MS)

2020.1.3 — Part 2 (CT)

operational affairs legally & in specific domains
(e.G. domain directives, strategies & reports)

Contributions to

Other activities - Stakeholder engagement - Working arrangements - Conclusions

Feedback received

3.4 Other activities (+ Annex 2)

- Do we then really need this chapter?
- Support for visibility of initiatives like Reportnet 3.0

4. Stakeholder engagement

« A more systematic and structured engagement with other communities (public and private) engaged in developing the data and digital economy, including the digital innovation communities, should be sought »

- How can it be guaranteed that we do not deal with moving targets?
- Given the limited success in the past in reaching out and having a look at the long list of issues for analysis e.g. in action 2016.5 it seems to be advisable to concentrate our limited resources on EU legislation based points.



Working Area 3 - Green Data4All

Feedback received

- The description of the action should be limited to:

The "Alignment" Regulation 2019/1010 that was adopted in May 2019 mandates the Commission to carry out an evaluation of the INSPIRE Directive no later than 1 January 2022 and at least every five years thereafter. The MIG's direct involvement in this area of work will be limited and no specific actions have been proposed for the Work Programme for now.

- While the MIG has no specific task it could well draft recommendations how to handle the issues mentioned here in the future. To give an example one may conclude that "Access to data: near real time data through APIs, web services" does only work with simple data models.



General comments

Feedback received

- The work zone 2 and 3 marks a distinct change of scope for INSPIRE – now fully focusing on the environmental sector and the green deal data space. We fully appreciate that this is a core area for DG ENV but would like to have a discussion about INSPIRE as provider of vital geospatial reference data to all the other data spaces as well.
- The roles of MS in the various initiatives are not clear. The WP is voluntary and MIG based but how do we go about changes to the legal framework and the IRs? How and when is the MS involvement e.g. via the INSPIRE Committee foreseen?
- The WP Annex 1 needs more detailing and a clearer description of the different tasks before it is ready for endorsement.