



INSPIRE

Infrastructure for Spatial Information in Europe

Draft summary report of the 9th INSPIRE MIG expert group meeting, 26 – 27 November 2018, Brussels

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1 Approval of the agenda and of the minutes of previous meeting

The meeting was opened and chaired by Joachim D'Eugenio, Deputy Head of DG ENV Unit E.4 Compliance and Better Regulation.

The Chair presented the meeting agenda (DOC1) and the summary of the previous meeting (DOC2). The MIG had no comments on the meeting agenda and the summary of the previous meeting.

All meeting documents and presentations have been made available on the *collaboration platform of the INSPIRE Maintenance and Implementation expert Group (MIG)*¹.

Conclusions and Actions

The meeting agenda and summary of the previous meeting were adopted.

2 Nature of the meeting

The meeting was a non-public meeting and was attended by nominated experts of EU Member States (MS), Iceland, Norway, the Commission Services (DG ENV and JRC) and the European Environment Agency (EEA). There were no experts from the following Member States: Bulgaria and Italy.

3 List of points discussed

3.1 Update on Commission initiatives (Information and discussion)

Introduction

The Commission presented information document (DOC3) and informed the MIG about the following ongoing Commission initiatives:

- Reporting Fitness Check,
- Study on improving national environmental information and harvesting data,
- Study of INSPIRE data sharing, access and use (Article 17),
- Copernicus – latest developments,
- Monitoring 2018 (ref. year 2017).

A Belgian expert and the Commission debriefed the MIG about the:

- INSPIRE Conference 2018.

The European Environment Agency (EEA) informed the MIG about the status of:

- Reportnet 3.0.

Discussion

¹ <https://webgate.ec.europa.eu/fpfis/wikis/x/CjHNEQ>

Questions were raised by Member State experts related to the final report on the Article 17 study on data sharing, the need for more comprehensive communication on INSPIRE related e-reporting streamlining in the diverse thematic domains and a possible blueprint on INSPIRE implementation for eReporting.

The Commission explained that any remaining deliverables for the Article 17 study will be shared begin of 2019 when the study ends. Specific aspects regarding open data will most likely be addressed by the recast of the Public Sector Information Directive. The Commission will follow up on this initiative to assess the possible impact on the Article 17.

The Commission will publish the available documentation on the finished/on-going streamlining exercises on the wiki of the 2016.5 sub-group and will use the wiki and the thematic clusters as information platform for ongoing initiatives. Moreover the EEA has already prepared a blueprint document for INSPIRE implementation for eReporting. This document simplifies implementation by addressing the spatial part first and then link to any additional thematic information.

The INSPIRE Conference 2018 was highly appreciated (see *slido survey*). It was a very successful conference. The 4-day formula offered a good mix of high-quality technical and political presentations and keynotes.

The Commission will keep the MIG informed on any progress made in the presented initiatives.

3.2 Revision of Implementing Rules (Information and discussion)

3.2.1 Possible revision of Data Specifications

Introduction

The Commission presented (DOC4) - *Possible revision of Implementing Rules on data interoperability – Draft amendment text.*

Discussion

The MIG supported the draft Implementing Rule and the proposed approach. One Member State expert asked for delaying the removal of the code list until after the implementation deadline in 2020.

The Chair thanked the JRC for the quality work done. Now a dialogue has to take place between the change initiators and the JRC to clarify changes if needed. The MIG was invited to coordinate with change initiators in their Member State to verify if change proposals have been addressed and come back proactively to the Commission to further discuss/explain. The Chair further proposed the following roadmap:

- once the current draft is stabilized the Commission will draft an explanatory note to explain the rationale behind the changes;

- Member States will have the opportunity to provide further feedback on this draft by end of January 2019. After this first round of feedback the Commission will further develop the draft act and seek validation from the Legal Service of the Commission. Before taking the act to a vote, the Commission will invite the Member States for a second round of feedback.

The proposal will be as much as possible drafted in such a way that everything is backwards compatible. Member States are invited to report of any issues with backwards compatibility.

Conclusions and Actions

The MIG supported the draft Implementing Rule on data interoperability and the proposed approach.

Member States were invited to provide further feedback on this draft by end of January 2019.

The Commission will keep the MIG informed about the further procedure. After an internal validation, the Commission will share the draft with the Member States for a final round of feedback.

3.2.2 Possible revision of Reporting Decision (2009/442/EC)

Introduction

The Commission presented the final draft of the new Reporting Decision (*DOC5*). It was clarified that the detailed operational aspects on the implementation of a new monitoring and reporting process are discussed in (*DOC8*) (Monitoring and reporting 2019).

Discussion

The final draft was supported by a large majority of Member State experts. Only one Member State expert indicated not being able to support the Commission proposal based on the current rationale provided for the keywords on national and regional datasets in the explanatory note and the lack of transitional measures from the old reporting process to the new. Several other Member State experts confirmed the need for further clarification regarding the reporting timeline and the transition from the old to the new reporting process.

The Chair explained that 2019 will be considered as a transition year. Pragmatism will be the guiding principle. For the three-yearly implementation report Member States will be asked to update the “State of Play” of the country fiches by 31 March 2019 or by 16 May 2019 depending on the status of the alignment proposal. If the alignment proposal is adopted before 31 March 2019 then the official deadline for providing the update to the country fiche will be 31 March 2019. For the monitoring, the old system will stay online and there will be two systems in 2019. It was left up to the Member States to decide whether they will use the old or the new system in 2019. Further work on the development of the new business process for monitoring and reporting is delegated to the subgroup on MIWP action 2018.1 (Monitoring and reporting 2019). The subgroup will be asked to share all developments with the MIG.

On the explanatory note the Chair clarified that this document is a guidance document and will not be voted upon by the INSPIRE Committee. The MIG was invited to provide comments

on the explanatory note to clarify where needed and to make the note as helpful as possible. A disclaimer will be put in the document to make its status clear to the reader.

Conclusions and Actions

The final draft for the new reporting decision was supported by the MIG.

The MIG will be kept informed about the progress on the development of the reporting process by the MIG subgroup working on MIWP action 2018.1 (Monitoring and reporting 2019).

The Chair invited the MIG experts to provide comments on the explanatory note with the view to clarify/improve where needed (mail to ENV-INSPIRE@ec.europa.eu).

3.3 Maintenance and Implementation Work Programme

3.3.1 MIWP Action progress, review and discussion including agreement of next steps

a) 2016.5 Priority list of EU high value datasets: status update and monitoring of progress, including data and service linking

Introduction

The EEA and the Commission updated the MIG on the progress of MIWP action 2016.5 - Priority list of eReporting datasets. Statistics on the publication and accessibility of priority data sets per country and per legislative act were presented.

Most Member States have taken initiatives but there are still Member States that are not showing any progress at all. The Commission will reflect on a possible approach to convince those Member States that are lagging behind to start delivering on obligations that have expired years ago. A first outcome of this exercise and primary objective for the subgroup 2016.5 should be a priority data set that is made available in all Member States.

The Commission presented a discussion paper on possible simplification of data-service linking (DOC7) as the outcome of a discussion in the permanent technical subgroup of the MIG (MIG-T) and proposed a new action for MIWP 2016-2020 on improving accessibility of data sets through network services.

Discussion

Several Member States indicated that substantial efforts are being made to improve the offering of priority data sets in the geoportal and also recognized that the linking of spatial data sets and services remains a challenge. The suggested simplification is welcomed by most Member States. Several Member States that have successfully implemented the current approach or are interested in offering a service catalogue argued for the importance of service metadata and suggested backwards compatibility and continued support for both approaches.

The Chair explained that the exercise on priority data sets was initiated in a spirit of collaboration. This exercise has already resulted in good outcomes but there are still Member States with zero priority data sets in the geoportal. The Commission will make a more tailor made effort to engage with those countries that are not committing to the exercise.

On the data-service linking issue, the Chair proposed to:

- endorse the new action on improving accessibility of data sets through network services,
- keep the proposal as is for the moment,
- proceed with developing and testing the proposal to demonstrate the positive impact on the availability of data sets in the geoportal (specifically the priority data sets),
- and to come back to this in the next MIG meeting when we have more clarity on the future roadmap with alternative approaches.

The MIG supported the proposal and endorsed the new action on improving accessibility of data sets through network services (2019.2).

Conclusions and Actions

The MIG endorsed the new action on improving accessibility of data sets through network services (2019.2).

b) 2018.1 Monitoring and Reporting 2019

Introduction

The Commission presented the status of MIWP action 2018.1 “Monitoring and Reporting 2019” and the following practical arrangements for monitoring and reporting in 2019 (DOC8):

- The Commission services (JRC) will aim at installing a new reporting infrastructure and process that maximally reuse already existing INSPIRE components (discovery service, metadata, support, validation tools ...) as quickly as possible. At the same time, the current monitoring system at the EEA will remain operational until the transition has been completed by all Member States.
- The Commission services and the EEA will support Member States during the transition to make sure that they can meet their legal obligations. Any issues arising during the transition will be handled in a pragmatic and solution-oriented way.
- Whilst the Commission cannot alter the monitoring and reporting obligations only for this year of transition, Member States are invited to inform the Commission before the 15 May if there are any likely issues or delays as a result of the transition. Should such issue arise, they will be dealt with on a case-by-case basis bilaterally.
- The Commission services and the EEA trust that this approach will help organise the transition in the most effective and efficient way resulting in a benefit thereafter for all parties involved.

Discussion

Several Member States still had some practical and operational questions regarding the reporting process in 2019 and the possible reusability of the future reporting software to be developed by the Commission.

The Commission explained that the Commission and the EEA will come back to the Member States with further guidance as soon as possible and that the MIG subgroup for MIWP action 2018.1 will continue its work on the development of the new reporting process and report back to the MIG. It was also clarified that it will not be possible to repackaging the reporting software that is being developed for reuse by the Member States but the Commission will try to share the business logic behind it for full transparency.

Conclusions and Actions

The MIG took note of the information presented by the Commission on MIWP action 2018.1 "Monitoring and reporting 2019".

c) Proposal for a new MIWP action mandate on core spatial data (2019.1)

Introduction

The Commission presented a mandate for a new action under the MIWP 2016-2020 (DOC9) to follow up on the cross-cutting core spatial data needs for sectorial use cases as presented by the Commission in the 8th meeting of the MIG and to develop and implement a roadmap for a list of core spatial data sets. This action will bring together the different actors working on these core spatial data sets and will position the INSPIRE Directive as a key interoperability framework for realising the Commission's digital strategy and ambition. The mandate aims at engaging with the MIG on this on a voluntary base. The MIG was asked to endorse the new action mandate.

Discussion

Overall there was good support for the proposed mandate. A few Member States could not agree with the new action mandate based on the argument that this mandate links to voluntary UN-GGIM activities on spatial data for Sustainable Development Goals that are outside the scope of the INSPIRE Directive.

The Chair explained that this should be viewed as an effort to make sure that global efforts are consistent and coordinated with the work on INSPIRE implementation. Moreover this would allow to make sure that work in different domains is linked to the INSPIRE Annex I and II data scope and could support the development of a list of high-value data sets under the PSI in a coordinated effort between the European and International level.

Since a consensus could not be found in the MIG, the mandate was not endorsed. As an alternative, the Chair proposed to focus on a list of core use cases instead and suggested the following approach to continue the work on core data sets:

- As part of the newly endorsed action 2019.2 on improving accessibility of data sets through network services the Commission will test with how difficult it is to pilot data

sets that fall under Annex I and II of the INSPIRE Directive to support core non-environmental use cases. We will collaborate with volunteering Member State experts and other Commission DG's and will focus on one or two themes to identify data sets that can support selected core non-environmental uses cases.

- A workshop will be organised with interested Commission DG's and voluntary Member State experts.
- Afterwards the Commission would inform the MIG about the progress made and could propose a slightly changed mandate taking into account the lessons learned.

The proposal was supported by the MIG as a way forward and recognized as a valuable voluntary action to demonstrate the value of INSPIRE for non-environmental use cases.

The Commission (JRC) confirmed that they had already identified three activities under the ISA² ELISE action that might benefit from this action: the gazetteer (geographic names and addresses), energy efficiency of buildings (buildings) and the multimodel traffic information system (transport networks).

Conclusions and Actions

The proposed action on core data sets was not endorsed by the MIG.

The Commission will initiate a voluntary activity with Commission DG's and Member State experts on a list of core use cases.

d) 2016.4 Theme specific issues – Discussion on the future of the thematic clusters

Introduction

The Commission presented the discussion document on the future of the thematic clusters (DOC10). The MIG was provided with high-level status information on the use of the thematic clusters in the past but never had a detailed discussion on this. The Commission has done an evaluation of the activity (MIWP action 2016.4) and invited the MIG to engage in a discussion on the usefulness and importance of this initiative for the implementation of the INSPIRE Directive in the Member States. To get the opinion of all Member State experts present the Commission had prepared a set of sli.do questions.

Discussion

The thematic clusters was regarded as an important activity by the MIG in support of the implementation of the INSPIRE Directive. With regard of further implementation in the area of interoperability, continued support through the thematic clusters was regarded essential. Several Member State experts expressed their appreciation and the appreciation of their stakeholders for the implementation support received through this action. The *sli.do* survey also showed an overall positive appreciation of the work of the thematic clusters. Some Member States supported the idea of using the thematic clusters platform for hosting national discussions.

The Commission explained that further integration between thematic clusters, helpdesk and portal is planned to stimulate information sharing and move towards a central gateway for implementation support.

The Chair expressed thanks to those that have been active in the clusters and the cluster facilitators in the name of the MIG. Continuation of the activity will be supported as proposed in the document presented (*DOC10*). In the continuation of the activity it was considered important to also make the link to other thematic groups working on the implementation of environmental legislation (e.g. DG ENV thematic expert groups). The Commission (JRC) will work with the facilitators to update the action mandate and will give an update on this in the next meeting of the MIG. The continuation of the action can be secured until the end of 2020. The Chair proposed to come back to this in 2019 to discuss possible continuation beyond 2020.

Conclusions and Actions

The MIG supported the continuation of MIWP action 2016.4 (thematic clusters).

The Commission will work with the facilitators on update the action mandate in the light of the discussion in the MIG and will give an update on this in the next meeting of the MIG.

The MIG will come back to this in 2019 to discuss possible continuation beyond 2020.

3.3.2 MIWP Action progress and review (without discussion)

e) 2017.1 Master Guidance

f) 2017.2 Alternative encodings

g) 2017.3 Improved client support

h) 2017.4 Validation & Conformity

Introduction

The Commission presented an information document (*DOC11*) on the progress of several MIWP actions.

Discussion

The MIG had no questions or comments on the presented information document.

Conclusions and Actions

The MIG took note of the information shared by the Commission on the progress of MIWP actions 2017.1, 2017.2, 2017.3 and 2017.4.

3.4 Spatial Data on the Web (Information and discussion)

Introduction

The Commission presented the second part of the information document (*DOC11*) on the spatial data on the web activities.

WFS3 is the new revision of the OGC's Web Feature Service standard for querying geospatial information on the web. It seems a useful standard that can be mapped for use in the INSPIRE framework. It was agreed in the MIG-T meeting in Paris to nominate Jari Reini (FI) as the official MIG-T representative to follow up on the standardization initiative and bring in INSPIRE requirements. Some example WFS3 services for an INSPIRE data set will be implemented to pilot the standard.

Search engines such as Google Dataset Search could improve discoverability. It was proposed to organize a dedicated workshop with search engine optimization (SEO) specialists to develop guidance based on good practices.

An initial collection of existing practices in Member States and projects on linking geospatial data and managing persistent identifiers has been carried out and was presented at the MIG-T meeting in Paris. It was agreed to document these on the MIG-T wiki, with the ultimate aim to develop a good practices paper on the topic.

Discussion

The MIG had no questions or comments on the presented information document.

The Chair thanked the JRC for preparing this information document and invited the MIG to share this information with their constituencies.

Conclusions and Actions

The MIG took note of the information shared by the Commission on the progress of the spatial data on the web activities.

The Chair invited the MIG to share the information with their stakeholders.

3.5 Spatial data needs at EU level – follow up (Information and discussion)

Introduction

The Chair presented a status of the Digital Single Market Data Package and the planned Act on "High value data sets". The Data Package is now pending with the co-legislators in ordinary legislative procedure. The outcome of the ongoing negotiations on the Data Package and specifically the recast of the PSI Directive and the possible Act on "High value data sets" will have an impact on our discussion on the future of INSPIRE.

The Chair also presented a status update on the formal process for ad hoc requests for spatial data under COMMISSION REGULATION (EU) No 268/2010. The Commission is exploring possible ways to formalize the process and was consulting the Commission's Legal Service on this. The Commission will report to the MIG once the procedure is clarified. The geoportal will play an important role in setting up a governance mechanism for managing future data requests (availability, accessibility ...).

Discussion

The MIG was interested in learning more about the possible impact of the Data Package on the INSPIRE Directive and asked the Commission to come back to this after an agreement has been reached on the Data Package.

The Chair explained that besides the INSPIRE and PSI Directives, the public access to environmental information Directive (2003/4/EC) is a third legal component. It makes sense to discuss how the Data Package and a new PSI directive will affect both INSPIRE and public access to environmental information Directives. The Commission will come back to this in the next meeting.

Conclusions and Actions

The MIG took note of the information shared by the Commission on spatial data need at EU levels.

The Commission will present a status update on the Data Package in the next MIG meeting.

The Commission will inform the MIG about any progress on the formal process for ad hoc requests for spatial data under COMMISSION REGULATION (EU) No 268/2010.

3.6 Data sharing and licensing (Information and discussion)

Introduction & Discussion

The Luxembourg expert presented a good practice on data sharing and licensing in Luxembourg. In the past there was duplication of data publishing for open data and for INSPIRE. Now all data is published on the open data portal. All data is open data and is shared through Creative Commons (CC) Zero License (CC0) (95%) and Creative Commons Attribution License (CC-BY) (5%). Data producers are being advised not to exclude commercial reuse. Guidelines are provided on the open data portal (data.public.lu/). The Luxembourg expert further explained that they do not track the users of their data. To get an idea about the data reuse, data users are asked to voluntarily document and publish their (re)use of data. There are some examples available on the use of open data for non-spatial data eg examples on traffic data that were integrated in google maps. The implementation of the spatial component in the open data portal is too recent to already have demonstrated showcases.

The French MIG expert presented the difference between the “Open Database License (ODbL)” and Creative Commons Attribution – Share Alike License (CC-BY-SA-4.0). ODbL and CC-BY-SA-4.0 are not compatible. The difference is that CC-BY needs public dissemination and it has to be applied on all data products and derivate products. ODbL can serve a single person and only covers the original database. Probably most of the open data will evolve to a share alike license. Share alike is problematic in a sense that it is not usable for creating commercial products. Common goods can be under a share alike license. In the French approach, CC-BY satisfies the minimal data sharing condition under French law.

The Irish expert explained that in 2015 the open data initiative adopted the CC-BY-4.0 license (see <http://creativecommons.org/licenses/4.0/> and <http://data.gov.ie>) as the de facto license

for open data sharing. More than 8000 data sets have been made available under this license and a significant part of it is spatial. The spatial component is critical in open data. For the structuring of the BY clause the expert referred to the licence statement on the <https://data.gov.ie/pages/opendatalicence> page. There is a strict policy on keeping the BY statement as simple as possible. The open data initiative has developed showcases on the use of open data in public and private sectors. These can be found on the open data website and are relevant for the INSPIRE community to see where data has been used.

Based on the discussion and the keen interest of the MIG, the Chair proposed to move the item on data sharing and the work on the Art.17 study under the work programme allowing to discuss concretely what we can do to take this further e.g. :

- what can we do with a common interest,
- are changes needed in metadata to better support data sharing and licensing,
- follow up on the Data Package and the PSI specifically in view of a possible revision of the Article 17 of the INSPIRE Directive on data sharing.

The Chair invited the MIG to suggest new topics for the item on sharing Member State experiences for the next MIG meeting. The Internet of Things (IoT) and sensors as possible alternative sources for environmental data was already suggested as possible topic.

Conclusions and Actions

The MIG took note of the data sharing experiences presented by the Luxembourg, French and Irish experts.

The Commission will move the item on data sharing and the Art. 17 study to the operational part of the meeting under the work programme (MIWP).

Member States experts will be invited to propose new topics for the item on sharing experiences.

3.7 News from the standardisation bodies (Information)

Introduction

The Commission presented an information document (*DOC12*) on new developments and activities relevant to INSPIRE maintenance and implementation from the following standardisation bodies: “ISO/TC 211”, “Open Geospatial Consortium (OGC)” and “World Wide Web Consortium (W3C)”. The MIG members were invited to distribute this information among their networks and share any feedback or questions on the presented topics with the EC INSPIRE team. The Chair asked JRC to extend his thanks to the standardisation organisations for their contributions.

Discussion

The MIG had no questions or comments on the presented information and emphasized the importance of having this overview e.g. for public procurements.

Conclusions and Actions

The MIG took note of the information shared by the Commission on new developments and activities by relevant standardisation bodies.

MIG experts were invited to share this information in their networks and provide feedback (mail to Michael.Lutz@ec.europa.eu, ENV-INSPIRE@ec.europa.eu in CC).

3.8 Any other business

Future of INSPIRE

The Chair invited the MIG to participate in a strategic discussion about the future of the INSPIRE Directive (2025-2030) in a digital society and suggested to organise a workshop in the beginning of the second half of 2019 if there would be an interest from the group. The MIG welcomed the invitation to have such a dedicated activity to reflect on the future and possible further integration with digital government.

The Chair proposed to prepare this for the MIG meeting in June 2019 for presentation and discussion and set up a small preparatory team to prepare the event. The Chair kindly invited Member States experts interested in hosting this workshop to make proposals.

Conclusions and Actions

A workshop on the future of the INSPIRE Directive will be organised after summer 2019.

The MIG is invited to share interest in preparing or hosting this workshop by end of February 2019 (mail to Joachim.D'Eugenio@ec.europa.eu, ENV-INSPIRE@ec.europa.eu in CC).

4 Conclusions/recommendations/opinions

The 9th meeting of the INSPIRE Maintenance and Implementation Group (MIG) made good progress on the implementation of the multi-annual MIWP. It was a productive meeting and once more, the Commission used the sli.do tool to maximize interactivity and feedback from all Member State experts. There was good support for the Commission's work on the revision of the implementing rules. Both the final draft of the new reporting Decision and the first draft of the implementing rule on data interoperability were well received. An important part of the meeting was dedicated to the work on priority datasets and the geoportal. The availability of priority environmental spatial datasets needed for eReporting is increasing but further work and investment is needed in many Member States. To simplify implementation and facilitate publishing data sets in the geoportal a new action (2019.2) on improving accessibility of data sets through network services was endorsed by the MIG. Overall the implementation support provided by the thematic clusters was highly appreciated by the Member State experts. It was decided to continue the action on the thematic clusters (2016.4). Several Member State experts presented good data sharing practices, highlighting the benefit of removing sharing bottlenecks by applying the open data principle and transparent licencing. Moreover data sharing and reuse, the Commission will pursue a

voluntary action on core use cases to promote and facilitate the reuse of national INSPIRE data in EU policies. The Commission will also further follow up on the ongoing negotiations regarding the Data Package (incl. PSI Recast and the Act on High-value data sets) and proceed with developing a formal process for ad hoc requests for spatial data under COMMISSION REGULATION (EU) No 268/2010.

Furthermore the MIG:

- Approved the meeting agenda and summary of the previous meeting.
- Supported the draft Implementing Rule on data interoperability and the proposed approach.
- Supported the final draft for the new reporting decision.
- Endorsed the new action on improving accessibility of data sets through network services (2019.2).
- Supported the continuation of MIWP action 2016.4 (thematic clusters).
- Took note of information presented by the Commission on:
 - MIWP action 2018.1 “Monitoring and reporting 2019”.
 - The progress of MIWP actions 2017.1, 2017.2, 2017.3 and 2017.4.
 - The progress of the spatial data on the web activities.
 - Spatial data need at EU levels.
 - New developments and activities by relevant standardisation bodies.
- Took note of information presented by Member State experts on:
 - Data sharing experiences in Luxembourg, France and Ireland.

The more specific conclusions per agenda item have been highlighted under 3) "List of points discussed".

Agenda, documents and presentations are available on *the collaboration platform*².

5 Next steps / actions

The MIG was invited to:

- Provide further feedback on the draft Implementing Rule on data interoperability by end of January 2019.
- Provide comments on the explanatory note with the view to clarify/improve where needed (mail to ENV-INSPIRE@ec.europa.eu).
- Propose new topics for the agenda item on sharing experiences.
- share the information presented by the Commission with their stakeholders and in their networks and provide feedback (mail to Michael.Lutz@ec.europa.eu, ENV-INSPIRE@ec.europa.eu in CC).

² <https://webgate.ec.europa.eu/fpfis/wikis/x/CjHNEQ>

- share interest in preparing or hosting a workshop on the future of the INSPIRE Directive after summer 2019 by end of February 2019 (mail to Joachim.D'Eugenio@ec.europa.eu, ENV-INSPIRE@ec.europa.eu in CC).

The Commission will:

- inform the MIG about the further progress on the draft Implementing Rule on data interoperability. After an internal validation, the Commission will share the draft with the Member States for a final round of feedback.
- Inform the MIG about the progress on the development of the reporting process 2019 by the MIG subgroup working on MIWP action 2018.1 (Monitoring and reporting 2019).
- initiate a voluntary activity with Commission DG's and Member State experts on a list of core use cases.
- update the MIWP 2016.4 (thematic clusters) action mandate in the light of the discussion in the MIG and will give an update on this in the next meeting of the MIG.
- present a status update on the Data Package in the next MIG meeting.
- inform the MIG about any progress on the formal process for ad hoc requests for spatial data under COMMISSION REGULATION (EU) No 268/2010.
- move the agenda item on data sharing and the Art. 17 study to the operational part of the meeting under the work programme (MIWP).

6 Next meeting

The 10th Meeting of the INSPIRE Maintenance and Implementation expert Group is tentatively scheduled for 20 and 21 June 2019 in Brussels.