



MIWP Sub-group 2.3.2: Simplification of Data and Service linking



65th MIG-T Meeting, 15-16 April 2021

INSPIRE MIWP 2021-2024

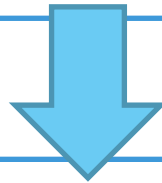
<https://europa.eu/!Dq96FV>

- 3 areas of work & 6 actions
 1. A digital ecosystem for the environment and sustainability
 2. Towards a common implementation landing zone
 - 2.1 Need-driven data prioritisation
 - 2.2 Roadmap for priority-driven implementation
 - 2.3 Simplification of INSPIRE implementation
 - 2.3.1 Governance of INSPIRE artefacts
 - 2.3.2 Simplification of data-service linking
 - 2.4 Central infrastructure components
 3. GreenData4All

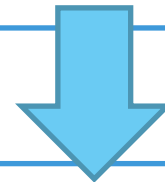
Data and service linking

Current approach (as per TGs):

- complicated and partly ambiguous
- duplication of information



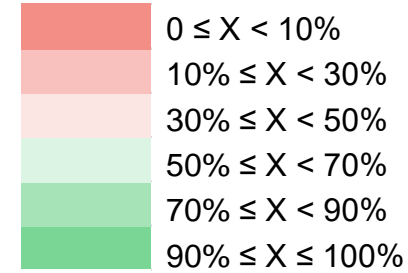
Low level of accessibility of INSPIRE data sets through view and download services



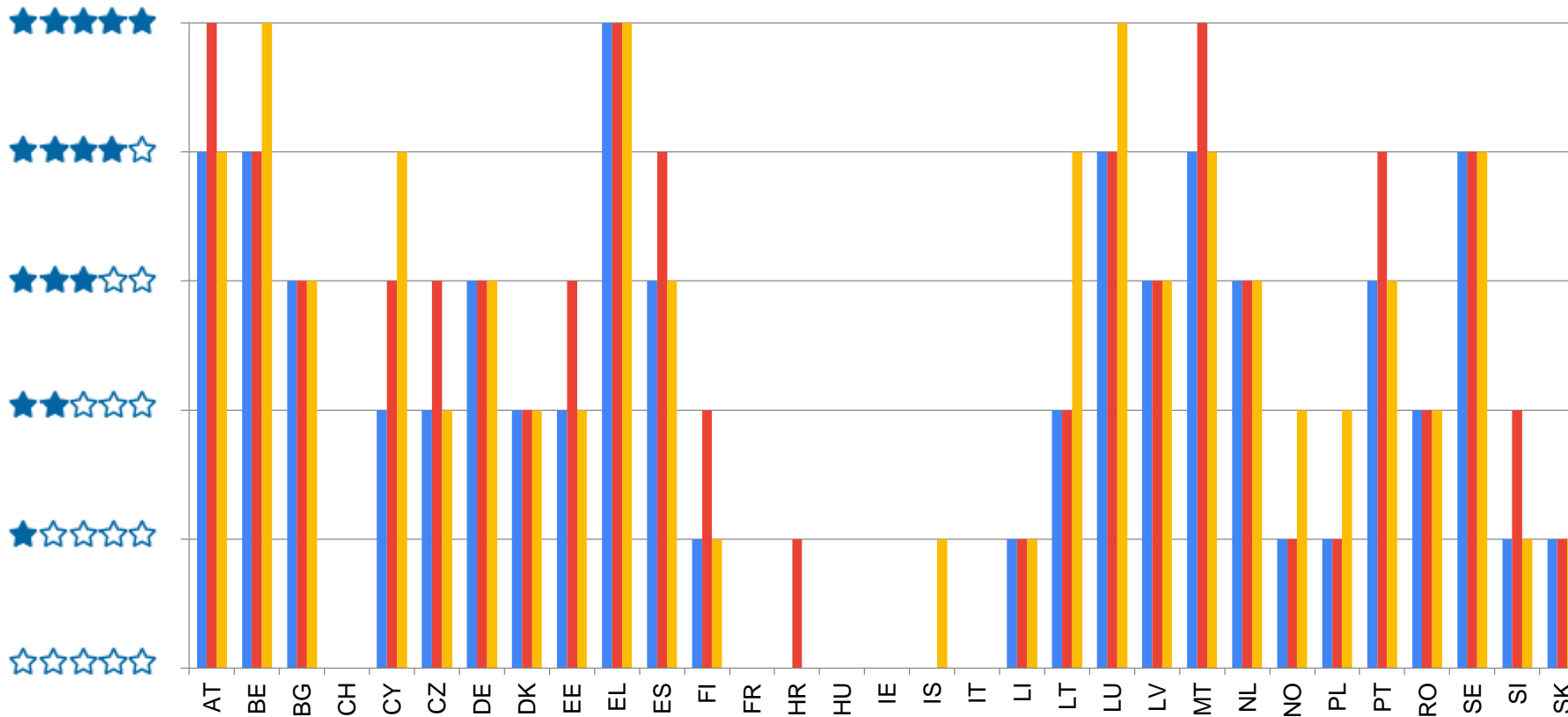
Negative impacts on the overall usability of the INSPIRE infrastructure - Monitoring indicators

Accessibility of spatial data sets - Monitoring

	NSi2	NSi2.1	NSi2.2
Median	32%	44%	42%



■ NSi2 ■ NSi2.1 ■ NSi2.2



	NSi2	NSi2.1	NSi2.2
AT	83%	93%	85%
BE	86%	89%	90%
BG	58%	60%	58%
CH	1%	2%	1%
CY	40%	53%	80%
CZ	37%	62%	40%
DE	61%	64%	63%
DK	32%	44%	40%
EE	42%	56%	42%
EL	100%	100%	100%
ES	65%	76%	68%
FI	15%	40%	20%
FR	0%	5%	1%
HR	2%	16%	6%
HU	4%	5%	8%
IE	0%	0%	0%
IS	0%	0%	21%
IT	1%	3%	1%
LI	15%	20%	17%
LT	31%	31%	89%
LU	84%	88%	94%
LV	53%	59%	55%
MT	81%	98%	83%
NL	57%	63%	61%
NO	14%	17%	42%
PL	16%	17%	34%
PT	56%	80%	64%
RO	30%	33%	30%
SE	72%	81%	81%
SI	12%	40%	16%
SK	21%	27%	24%

Scope of work

- Elaboration and submission of an **INSPIRE Good Practice**
- Consensus-based **simplified** approach for **data and service linkages**
- **Proven** to be **implementable** by de facto standard web applications
- An **alternative** to the current approach, to be used in **parallel**

Outside the scope (should happen at a later stage):

- Update of the current TGs
- Abstract and Executable test suites of INSPIRE Reference Validator

Indicative roadmap

Task	March	April	May	June	July	November
Collect proposals for technical approaches	X					
Evaluate the advantages and disadvantages of the proposals		X	X			
Draft a Technical Guideline proposal			X	X		
Set up a showcase discovery service			X	X		
Present the results at 66 th MIG-T meeting					X	
Submit Good Practice for endorsement at 14 th MIG meeting						X

Sub-group Activity

- 15 experts from 12 Member States:
AT, CZ, DE, DK, EL, ES, FR, LT, NL, PL, SE, SK
- 2 meetings held
- Starting point - Discussion Paper from Action 2019.2
- 4 proposals for technical approaches – inline with the Discussion Paper

GitHub space

<https://github.com/INSPIRE-MIF/gp-data-service-linking-simplification>

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LauraAlemany Update Spain_Linking_Simplification.md 6ab487a 6 days ago 37 commits

meetings/2021-03-04	Add meeting summary	last month
proposals	Update Spain_Linking_Simplification.md	6 days ago
resources	add group description	last month
README.md	Create README.md	last month

README.md

Good Practice: Data and Service Linking Simplification

This repository includes the output of the work of the temporary sub-group of the INSPIRE MIG, aimed to create a Good Practice for a consensus-based simplified approach for INSPIRE data-service linkages.

Context & issue

The current level of accessibility of INSPIRE data sets through view and download services is low. One of the reasons are problems with implementing the data-service linking approach currently described in the TGs for metadata and network services, which is considered complicated and partly ambiguous, even by implementation/standards experts.

About

Good Practice on a consensus-based simplified approach for INSPIRE data and service linkages

[Readme](#)

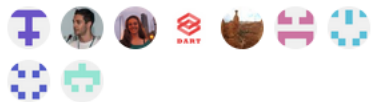
Releases

No releases published
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Contributors 9










GitHub space - collection of proposals

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main gp-data-service-linking-simplification / proposals / Go to file Add file ...

 LauraAlemany	Update Spain_Linking_Simplification.md	6ab487a 6 days ago	History
..			
	FRA	Add FRA initial proposal	20 days ago
	Discussion Paper on data-service linking v0.5_Austrian_C...	Add files via upload	7 days ago
	NL.md	Duth proposal	15 days ago
	Service_Linking_Simplification_Lithuania.pdf	Add files via upload	15 days ago
	Spain_Linking_Simplification.md	Update Spain_Linking_Simplification.md	6 days ago
	template.md	Update template.md	27 days ago

GitHub space - discussion

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Filters Labels 9 Milestones 0 New issue

<input type="checkbox"/>	7 Open 0 Closed	Author	Label	Projects	Milestones	Assignee	Sort
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<input type="checkbox"/>	coupled ressources #5 opened 7 days ago by oberseri						
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<input type="checkbox"/>	"virtual datasets" #3 opened 7 days ago by oberseri						
<input type="checkbox"/>	predefined <versus> direct download #2 opened 7 days ago by oberseri						
<input type="checkbox"/>	Discussion start #1 opened 7 days ago by oberseri						

Current tasks

Task	until 16/04	until 30/04	until 07/05	10/05 - - 12/05
Collect proposals for technical approaches	X			
Draft a proposal for a consolidated approach	X	X		
Collect comments on the consolidated approach - GitHub space			X	
Finalize the consolidated approach at the third meeting				X

Thank you!



lukasz.ziembra@ec.europa.eu

davide.artasensi@ext.ec.europa.eu

JRC-INSPIRE-SUPPORT@ec.europa.eu



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