



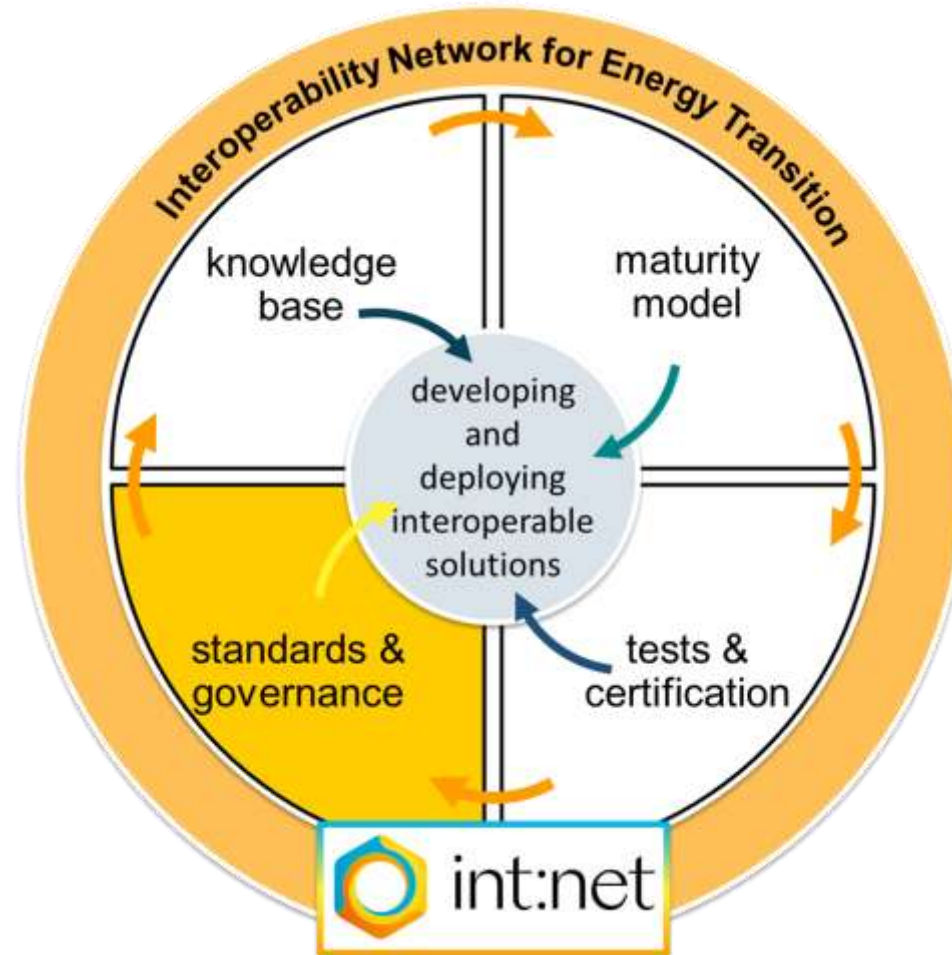
int:net

Interoperability Network for
the Energy Transition

Int:net Final Conference

The Making of int:net

18 September 2025



Work Package 4: Standardisation, coordination, and regulation



Standards

Which **standardization** activities are **running**? Which are necessary to **become/ensure interoperable**?



Regulation

Who are the **key decision-makers**?
Which **opportunities** can be identified
in EU/National Policy?



Governance

What **processes** must be established at
governance levels to increase
interoperability?



Participation

How can we **achieve participation** in
interoperability? How can we establish
links between the stakeholders?



Strategy

What might a **strategy for improving interoperability** look like?



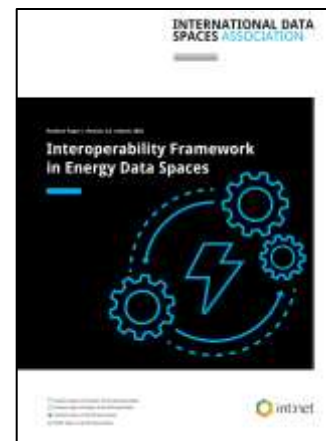
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Timeline

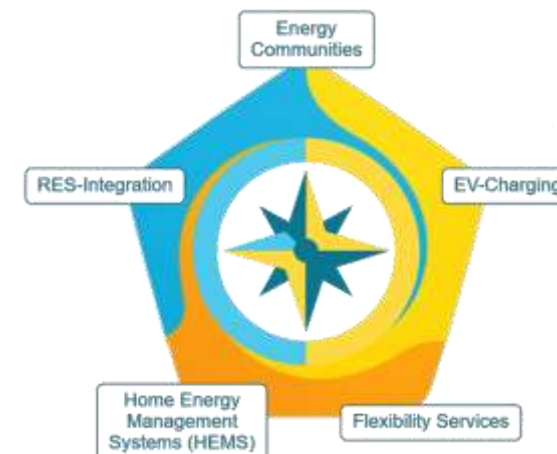


Standardization Workshops

Standardization Matrices and –Table



Interoperability Framework in Energy Data Spaces



int:net Interoperability Compass

2022

2023

2024

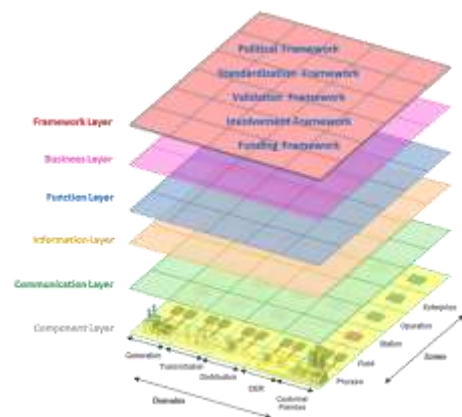
2025

2026...

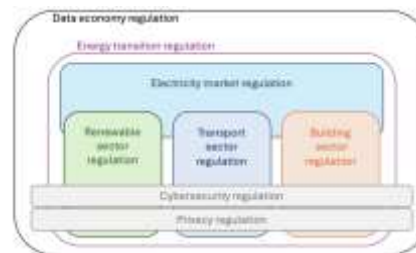
Work Package 4: Kick-Off
23rd September 2022



6th SGAM „Framework“ Layer



Regulatory Framework



Analysis of Standards Environment for int:net



IHE Connectathon
2024 and 2025



Outcomes

Deliverables

- ✓ [*Deliverable 4.1: Analysis of standards environment relevant for IntNET*](#)
- ✓ [*Deliverable 4.2: Analysis of the regulatory framework for IntNET*](#)
- ✓ [*Deliverable 4.3/4.4: Whitebook on engagement towards interoperability in governance \(V1, V2\)*](#)

Platforms

- ✓ [*IFG-2: Increasing Maturity in Interoperability*](#)
- ✓ [*IFG-3: The Interoperability Regulatory Landscape*](#)
- ✓ [*int:net Interoperability Compass \(W.I.P\)*](#)
- ✓ [*Smart Grid Assistive AI in Requirements Engineering \(SGAAIRE\)*](#)

Lists and Repositories

- ✓ [*Smart Grid Interoperability Standardization Whitepaper*](#)
- ✓ [*Evolution of Interoperability Standards*](#)
- ✓ [*Information Models Coordination and Governance: Standardisation Recommendations*](#)
- ✓ [*int:net Standardization Matrices*](#)
- ✓ *int:net Standardization Overview*
- ✓ *VDE SPEC 90020 “Interoperability Maturity Model”*
- ✓ ...

Conclusion

❖ Work Package to support Standardization, Regulation and Governance issues

- Participation in Standardization & Working Groups
- Collaboration e.g. in the development of Whitepapers

❖ 6th SGAM “Framework” Layer should address the *interoperability issues*, particularly in the regulation/governance related topics

❖ Further Inputs gathered to improve usage of the IEC 62559 Use Case-Methodology and SGAM Framework

- Usage of Standards and extending them (Tube-in-the-cube, standards analysis)
- Development and Analysis of *Smart Grid Assistive AI in Requirements Engineering (SGAIRE)*

No standard works in isolation; interoperability is built when we all engage!

Your contribution makes the difference.