int:net

Interoperability Network for the Energy Transition

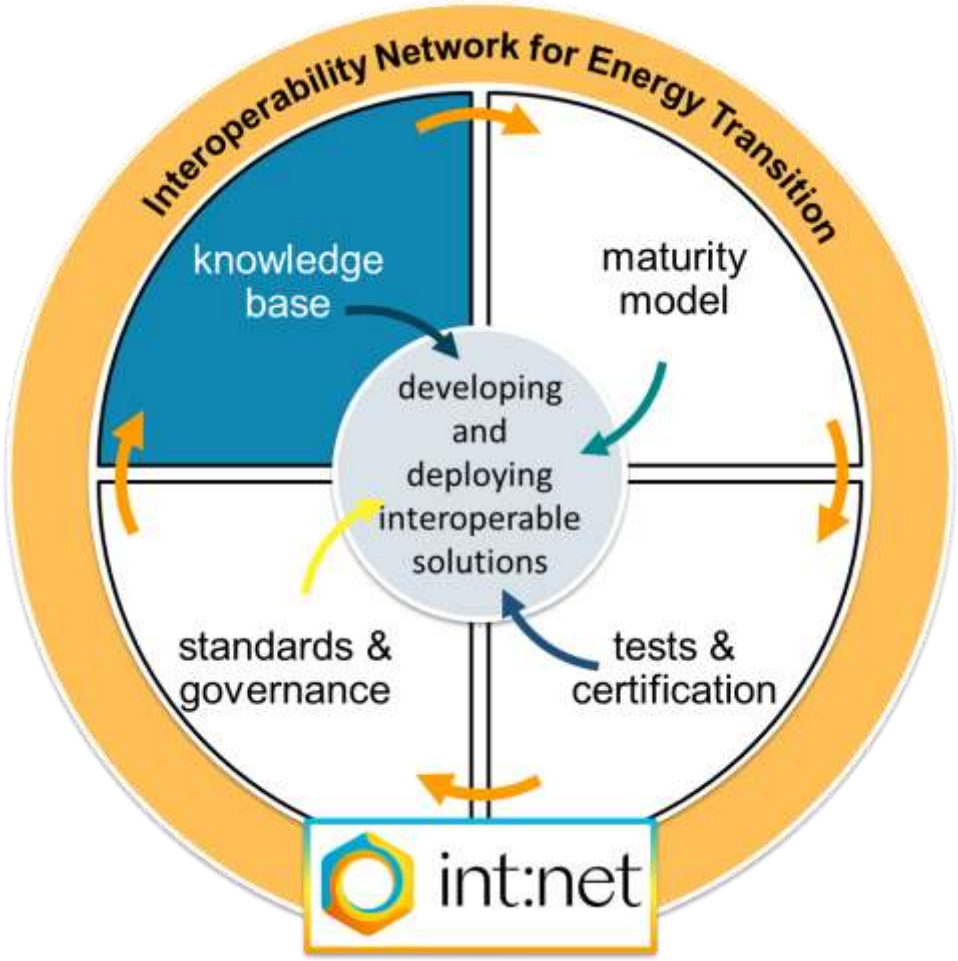
Int:net Final Conference

The Making of int:net

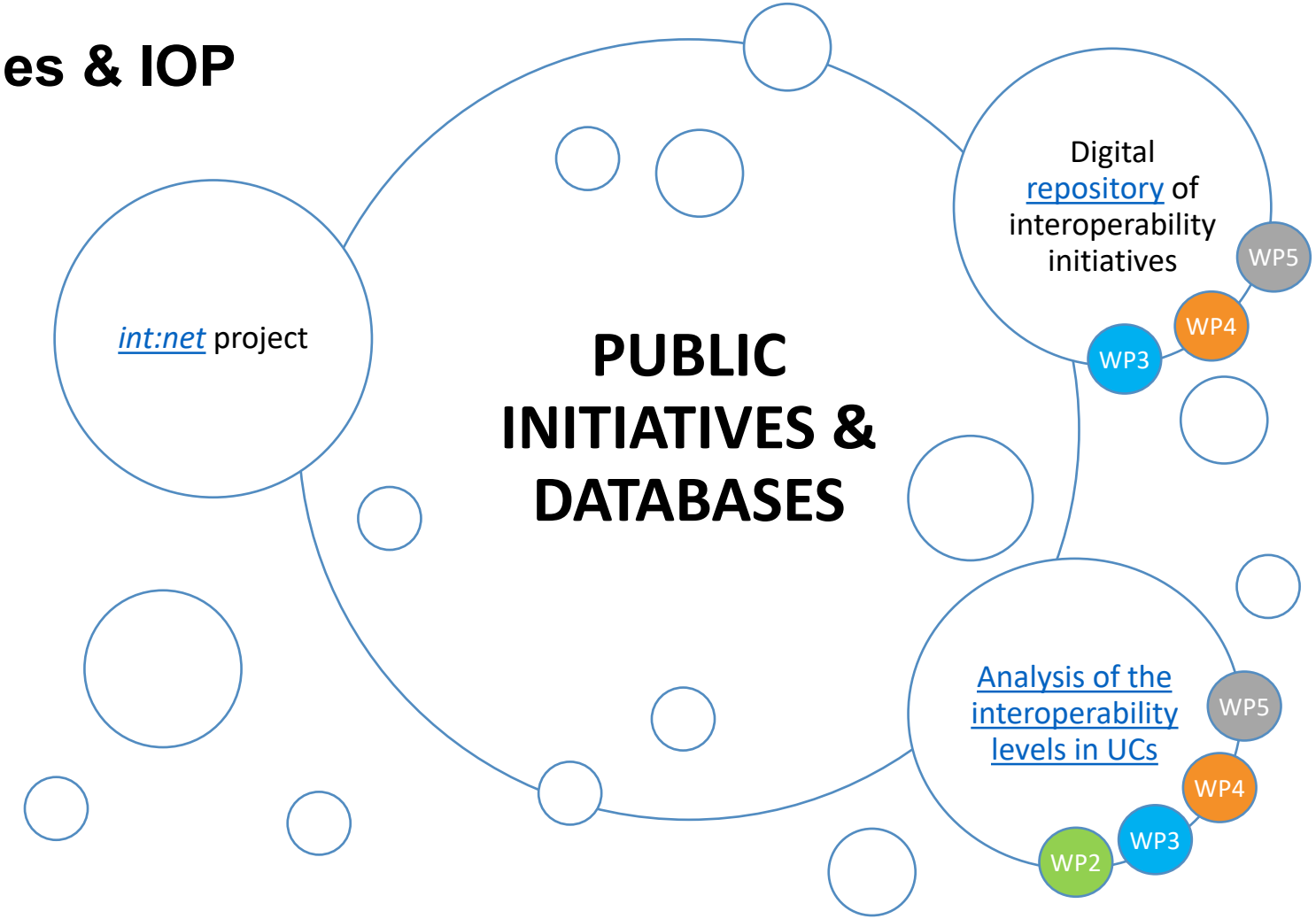
18 September 2025

Main contributions: knowledge base

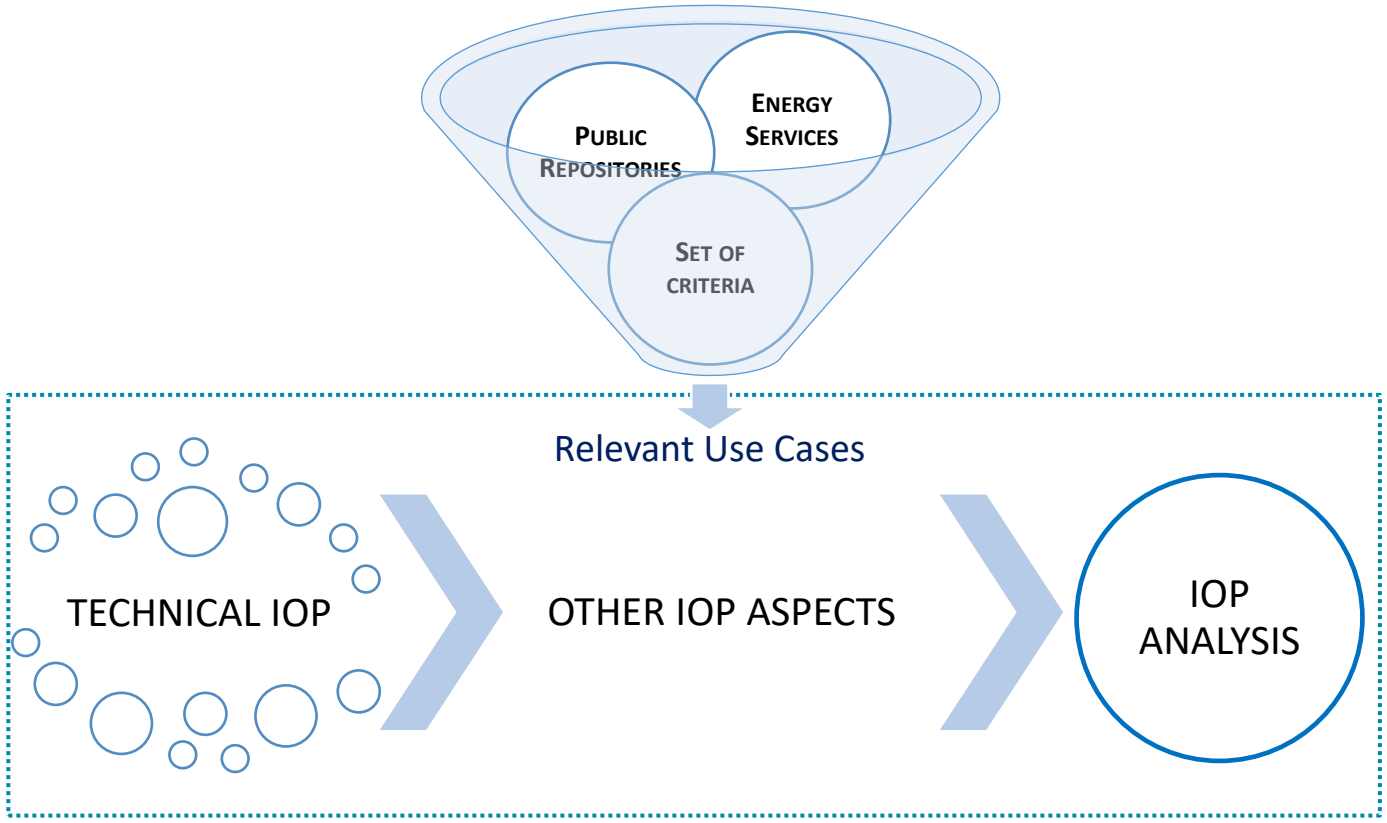
- Use Cases (UCs)
- Interoperability (IOP)



Public Use Cases & IOP



IOP Analysis



A **methodology** for the analysis of the **IOP in UCs** has been developed

Application of the interoperability methodology to a selection of **53 Use Cases**

Insight knowledge of Interoperability & Use Cases

IOP information included in the description **not completely covered / public**

Lack of consistency, rigour, knowledge in filling in the template

UC description at the beginning and **not updated**

Outcomes

Deliverables

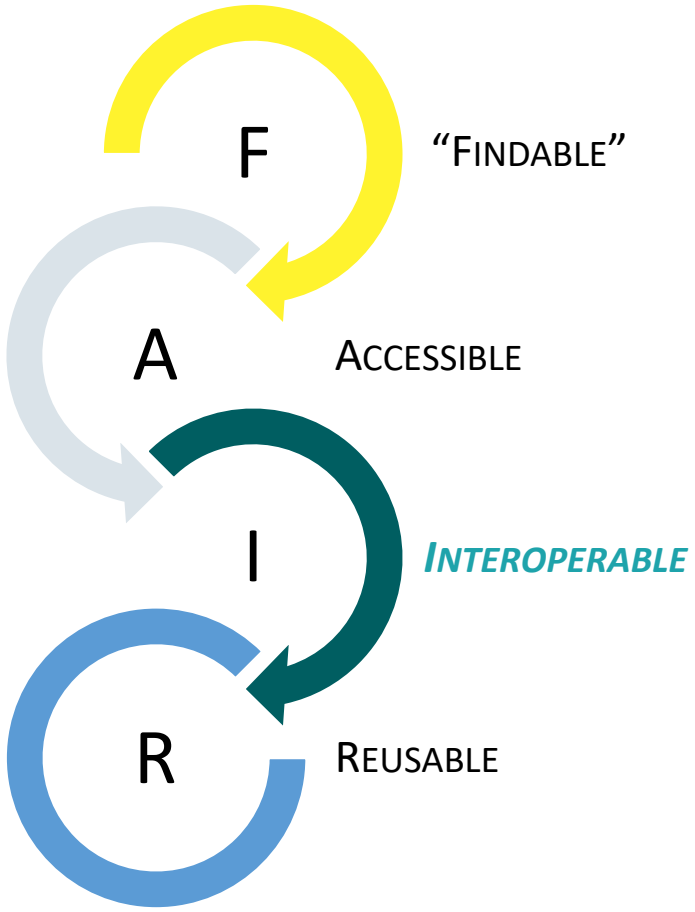
- ✓ *D1.1 Repository of interoperability initiatives (https://intnet.eu/images/resources/intnet_interoperability_initiatives-v1.1.zip)*
- ✓ *D1.2 Report on identified interoperability use cases, requirements and lifecycle process in the value chain and business models (https://intnet.eu/images/resources/D1.2%20Report%20on%20identified%20interoperability%20use%20cases%20requirements%20and%20lifecycle%20process%20in%20the%20value%20chain%20and%20business%20models.pdf)*

Lists and Repositories

- ✓ *Repository of interoperability initiatives (https://intnet.eu/images/resources/intnet_interoperability_initiatives-v1.1.zip)*

Conclusions & Next Steps

- Is IOP enough?
  - Boost efficiency and effectiveness
  - Facilitate case reuse and adaptation
  - Enhance stakeholder collaboration
  - Reduce case development time
  - Traceability



The FAIR Guiding Principles for scientific data management and stewardship | Scientific Data (nature.com)