



int:net

Interoperability Network for  
the Energy Transition

# Final Conference

18<sup>th</sup> September 2025

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## Evolution of our grids

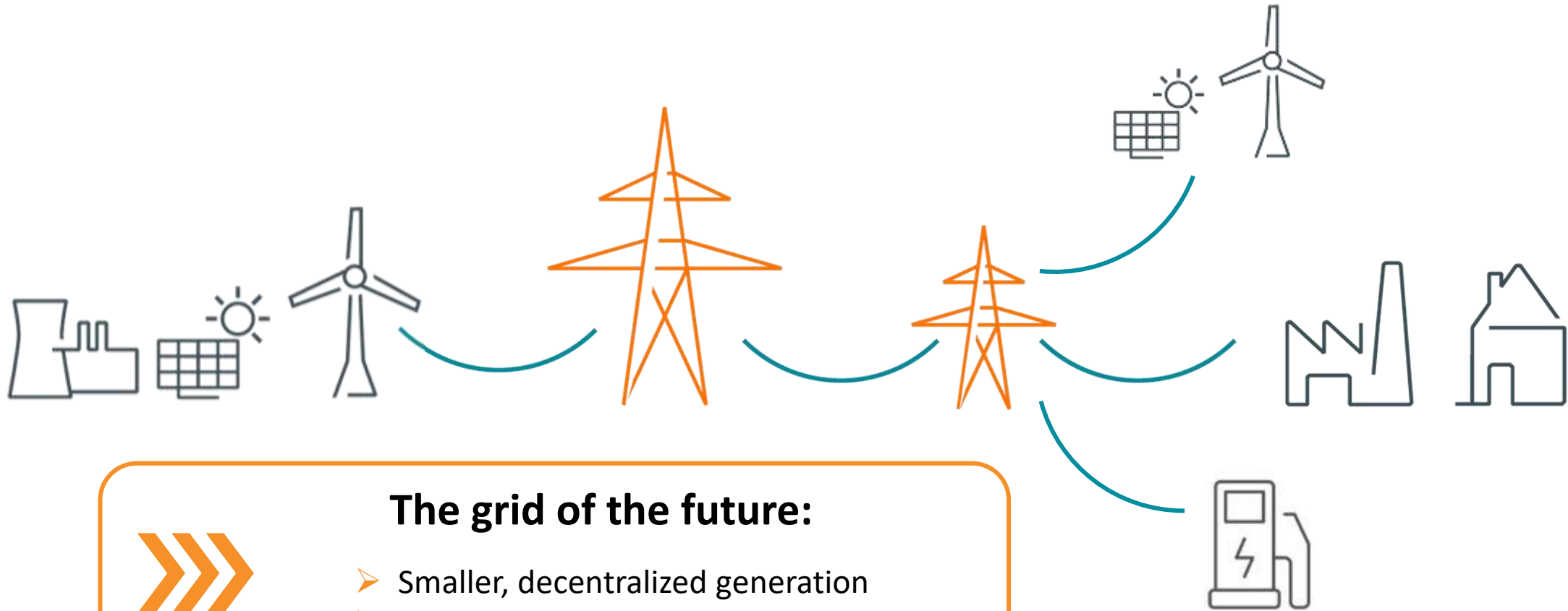


### The grid of the past:



- Large, centralized generation
- Passive, predictable consumption

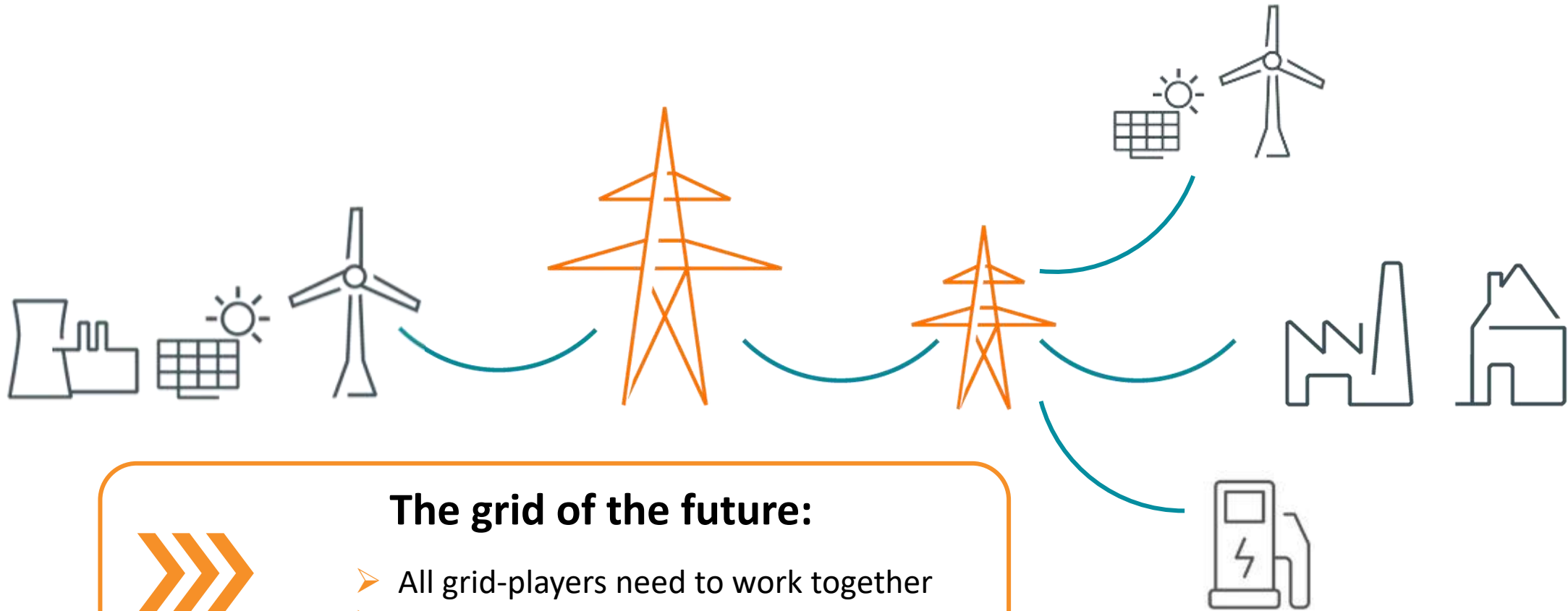
## Evolution of our grids



### The grid of the future:

- Smaller, decentralized generation
- Active, volatile prosumers

## Evolution of our grids



### The grid of the future:

- All grid-players need to work together
- Interoperability is key!

## Results of int:net

### Knowledge Base

- Initiatives & Use cases
- IOP Testing Procedures & facilities
- Standardization overview

### Tooling

- IOP Maturity Model EMINENT
- 6<sup>th</sup> SGAM-Layer concept
- Interoperability Compass
- Int:net project & people connector

### Community

- Website with resources
- Platform with forums
- Community events (e.g. Connectathon)
- Lunch Talk events



### Labeling

- Continuous Improvement Process
- IntMAS
- EU registered label:



### EDSCP

- Cooperation between Dataspace Projects
- Blueprints and whitepapers
- Use Case Definitions

# Exemplary Showcase

## EMINENT

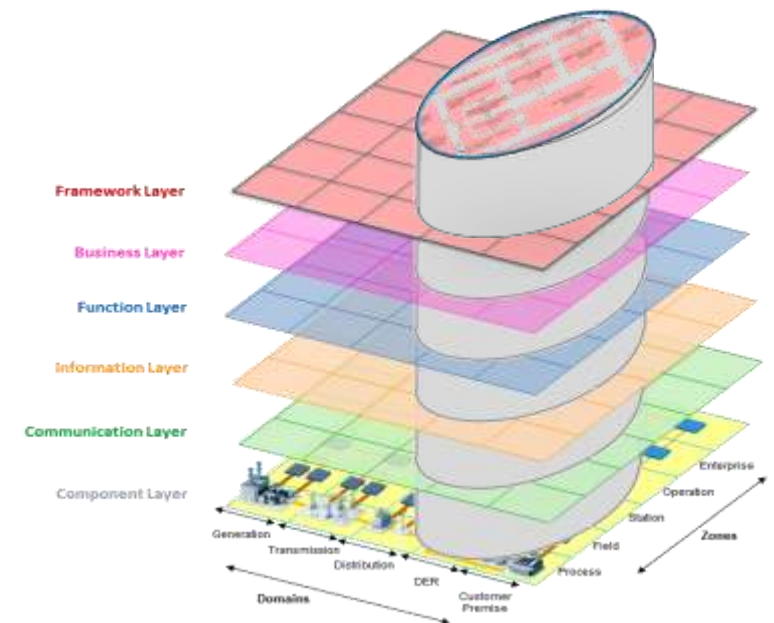


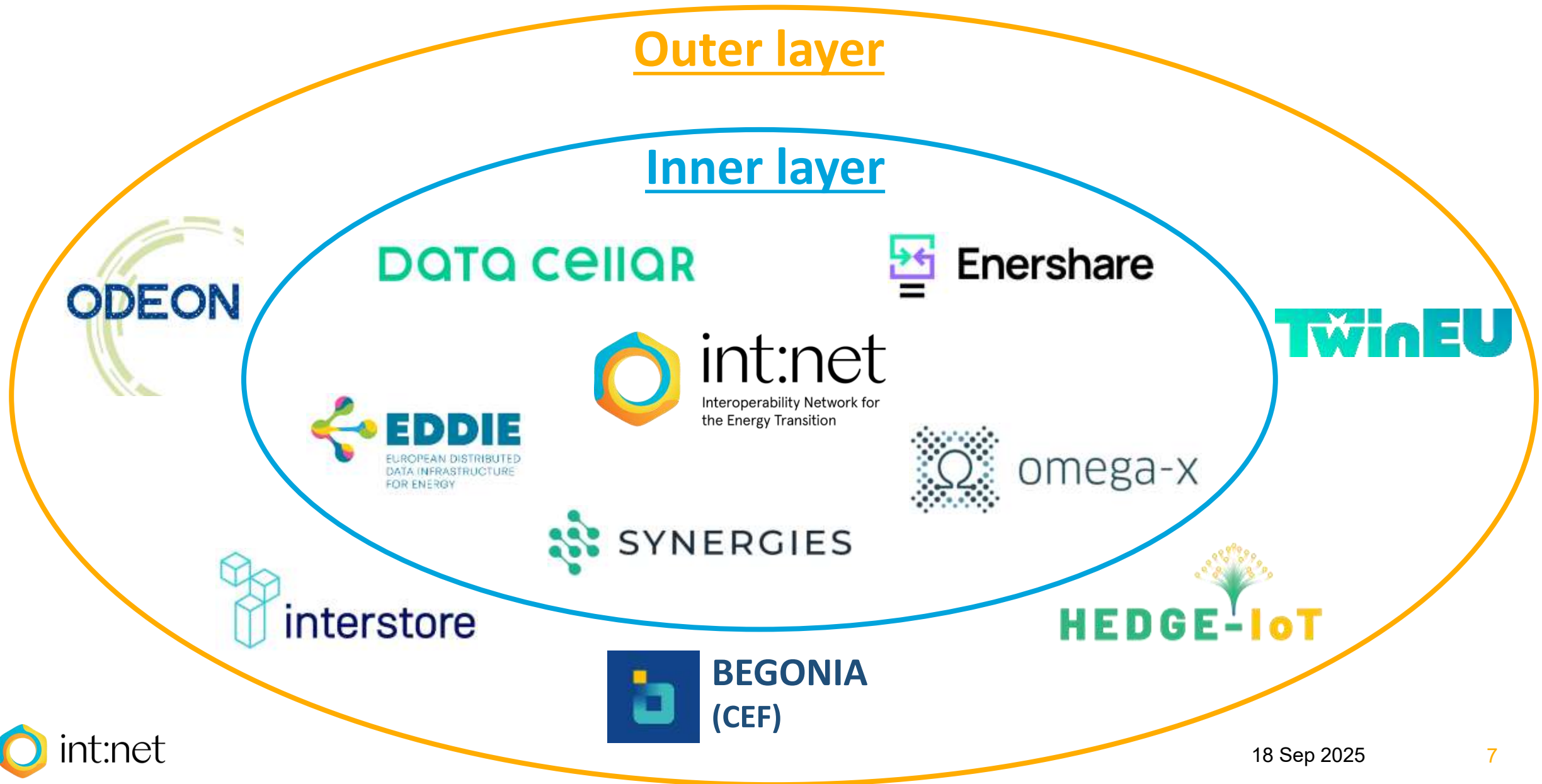
## IOP compass



<https://sgaair.offis.de/iop-compass/>

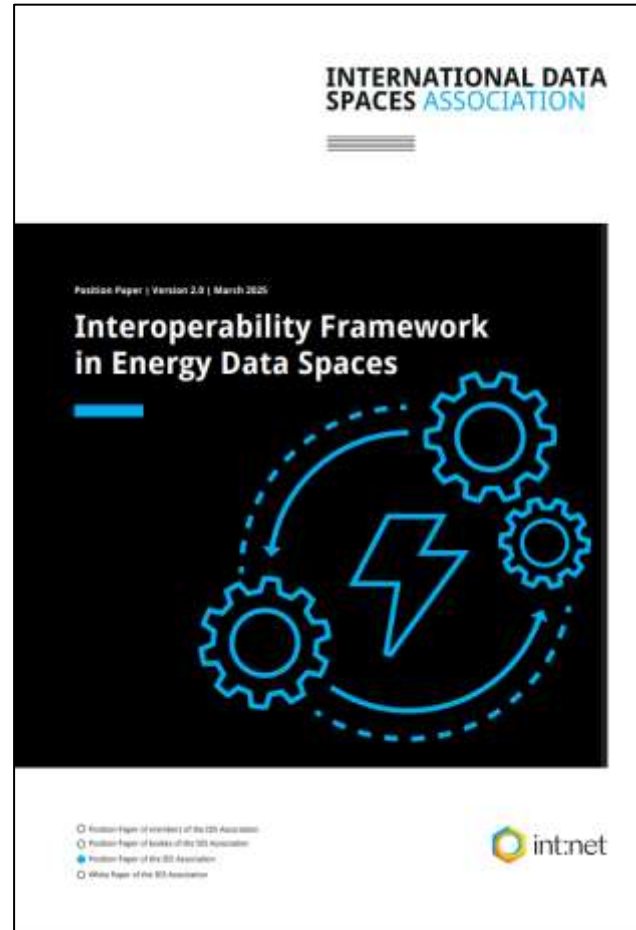
## SGAM framework layer





## Cluster Activities

# CEEDS Business & System Use Cases



Thank you for your  
attention.