



# 3<sup>rd</sup> Symposium on Interoperability

## Governance and Testing Strategies for Interoperability: Challenges and Opportunities

Vienna, 26. June 2026

# Agenda of today

- **9:00 Welcome by the organisers and framing**
- **9:30 The concept of an interoperability framework; Jürgen Brandstätter, Senior Adviser, GDHP**
- **10:30 Coffee Break**
- **11:00 – 13:00**
  - **Challenges for cross-sector interoperability for the different verticals**
  - **Viewpoints from customers**
- **13:00 Lunch break**
- **14.00 Behind the scenes tour (IHE) Connectathon test floor**
- **15.00 Interactive Session on practical views to interoperability testing**
- **Ending at 16:30 p.m.**

# Menti Questions

## Instructions





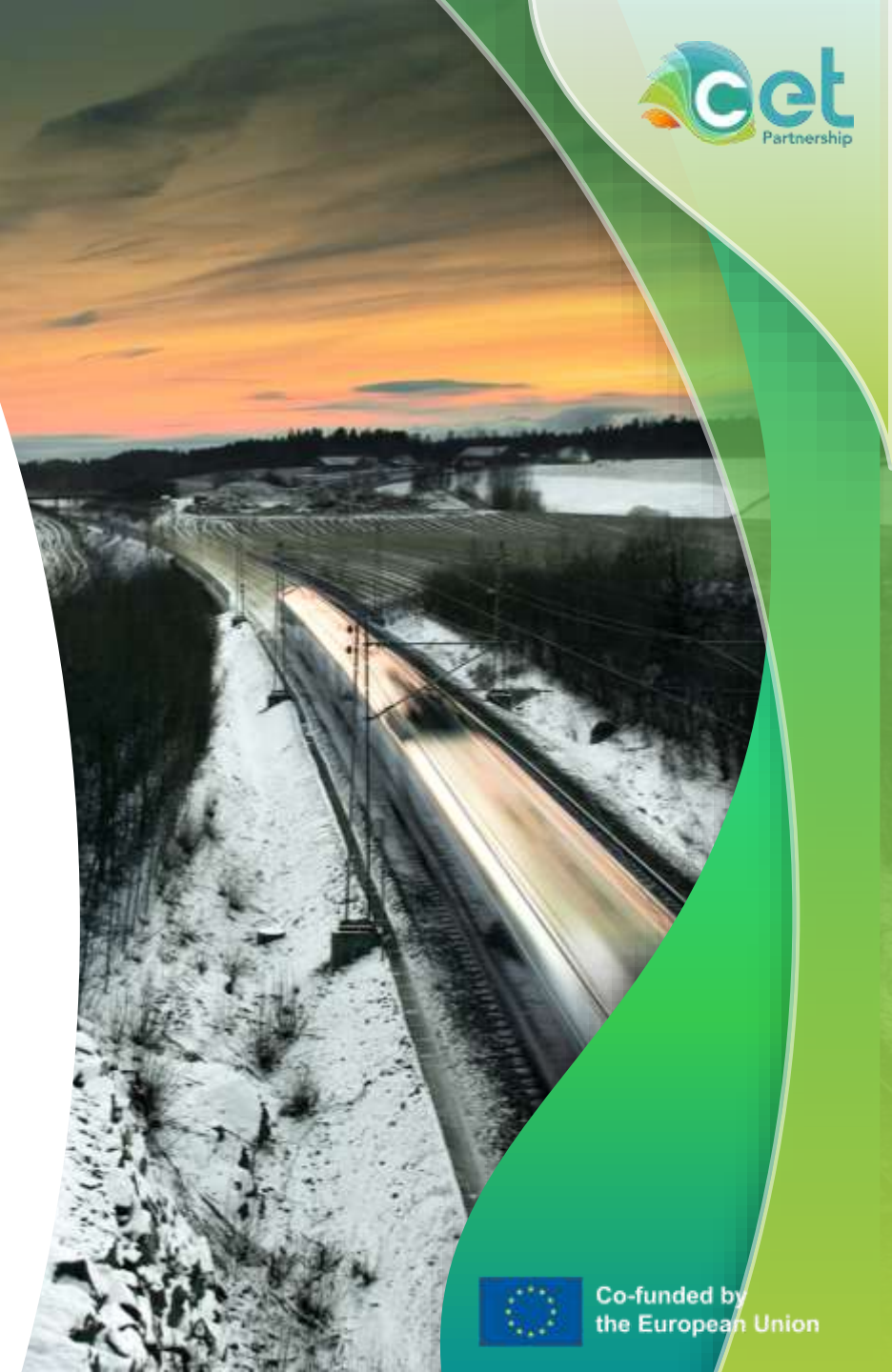
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European Collaboration Network for Interoperability Testing

# What is CETPartnership?

**A Transnational Research and Innovation Partnership for Clean Energy Transition that:**

- Funds transnational projects that support the development and implementation of clean energy solutions.
- Is co-financed by the EU and other countries.
- Supports both technological breakthroughs and system integration.



# Global interests

The following countries have been involved in the Partnership in different ways since 2022



Austria



Belgium



Croatia



Cyprus



Czech  
Republic



Denmark



Estonia



Finland



France



Germany



Greece



Hungary



Ireland



Italy



Latvia



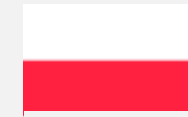
Lithuania



Malta



Netherlands



Poland



Portugal



Romania



Spain



Sweden

◀ 23 EU countries    14 Non-EU-countries ▼



Brazil



Canada



Fiji



Iceland



India



Israel



Morocco



Norway



South  
Korea



Switzer-  
land



Tunesia



Turkey



United  
Kingdom



United  
States

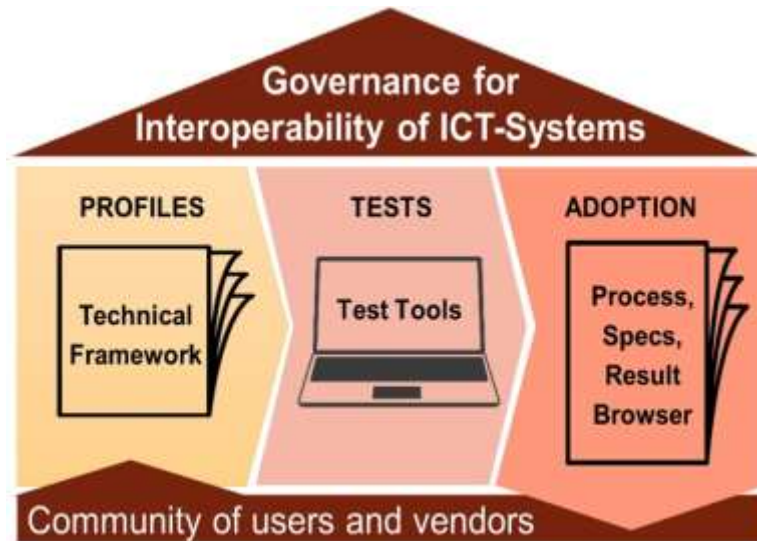
# Massive Funding for Clean Energy Transition (2022–2027)

**CETPartnership mobilises over €1 billion overall for clean energy, research and innovation**

- Total annual budget: Over **€100 million** from over 40 funding organisations and with co-funding from the EU.
- Total funding for the 2022–2027 period: **Over €700 million**, over the course of the 6-year program include EU-funding.
- **30+ countries involved.** Includes EU member states, associated countries, and global partners from both Asia and North America.

# The Collaboration Network of Interoperability Testing

as a joint activity for two target groups



- **connect** to European organisations and activities and policy makers
- initiate **cross-sector knowledge exchange**
- organize **European events**

# Call to action

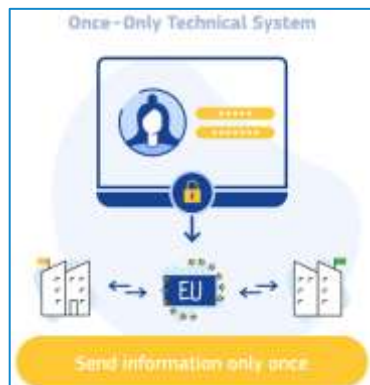
## Knowledge Transfer for accelerating digitalisation

### The European Interoperability Framework (EIF)

- Governance
- methodology
- Focus on use cases,
- decentralisation
- automated testing
- Community,
- Data Models
- technical standards (identity, privacy, security)
- basic architecture, available code



Source: European Commission



*“Interoperability needs the  
collaboration of a community”*



## **Angela Berger**

Clean Energy Transition Partnership, Integrated Regional Energy Systems  
Lead European Collaboration Network for Interoperability Testing

E: [angela.berger@ffg.at](mailto:angela.berger@ffg.at)

P: +43 664 883 481 54



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Interoperability Network for  
the Energy Transition

# Cross-sector Symposium on Interoperability

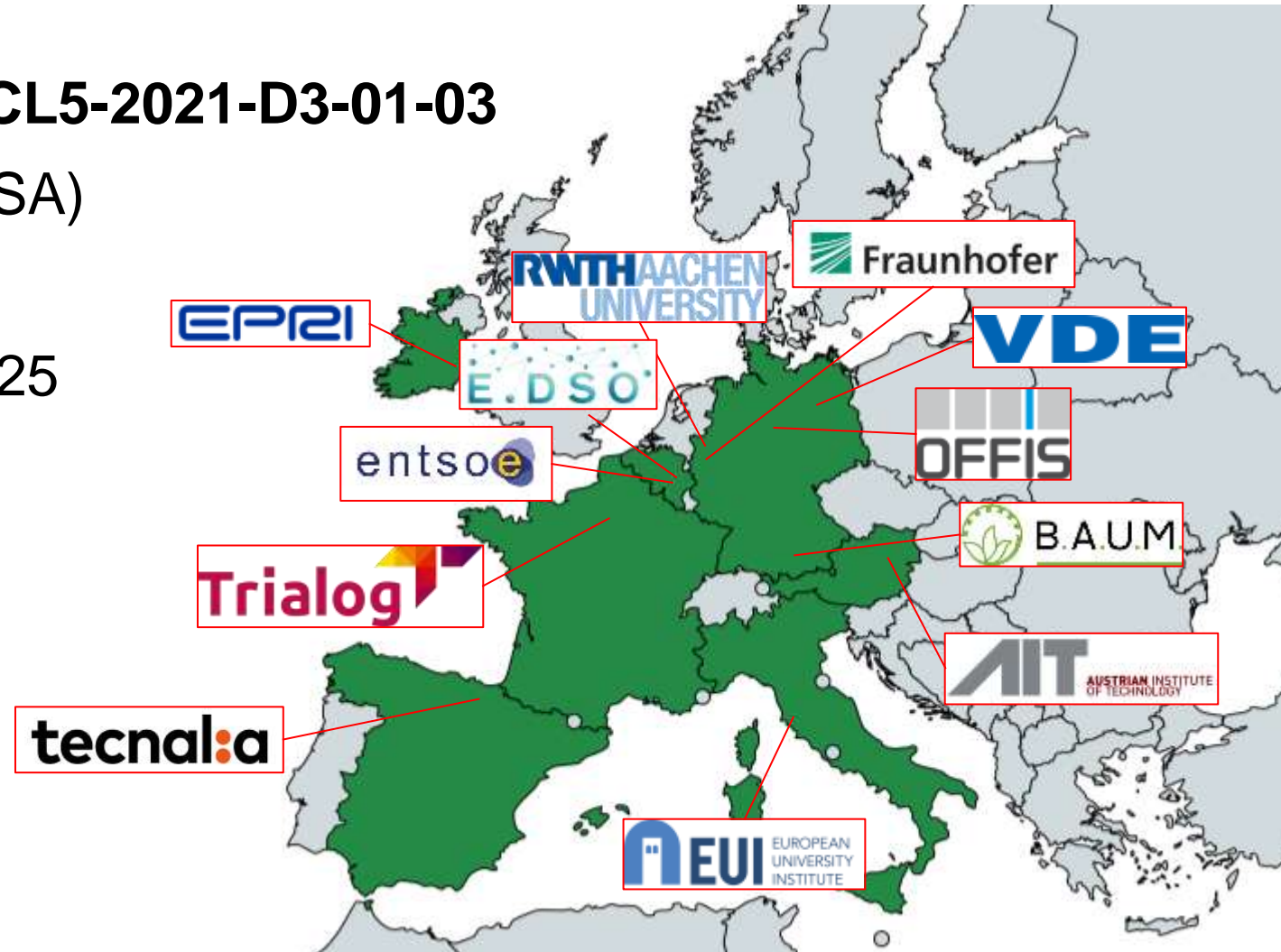
Markus Stroot, M.Sc.

Fraunhofer FIT  
RWTH Aachen University

26<sup>th</sup> June 2025

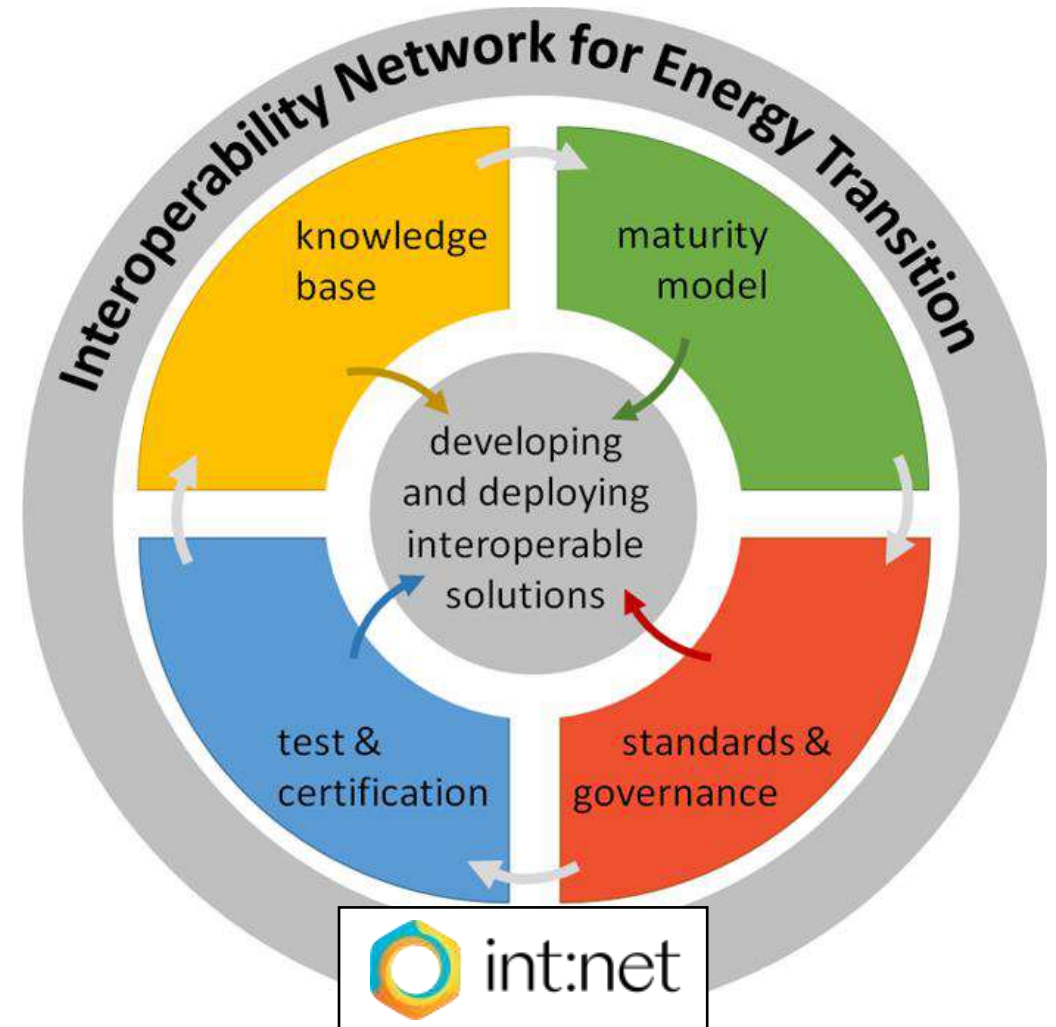
## Project overview

- **Horizon Europe call HORIZON-CL5-2021-D3-01-03**
- Coordination & Support Action (CSA)
- Duration: 42 months
- Runtime: 01.05.2022 – 30.10.2025
- Consortium:
  - 12 Partners
  - 7 Countries
  - 1 Associated Partner



## Main objectives

1. **Common knowledge base** for interoperability activities on energy services in Europe
2. Comprehensive and accepted **Interoperability Maturity Model (IMM)**
3. **Framework for interoperability testing** in a network of testing facilities
4. **Community network for a European interoperability ecosystem**



## Results in the making

1. Database of interoperability initiatives and use-cases
2. EMINENT: An interoperability maturity model and database
3. Database of interoperability testing procedures and facilities
4. Standardization overview
5. 6<sup>th</sup> SGAM-Layer concept: Governance layer
6. Active interoperability community and platform

## The two layers of the cluster:

