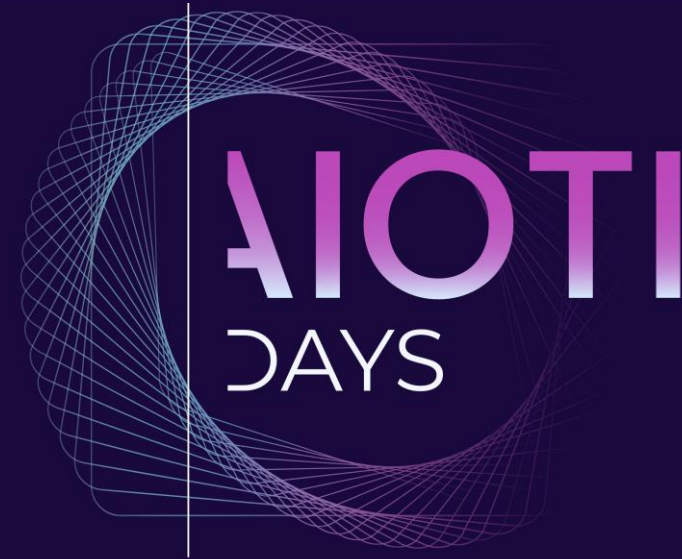




**Alliance for AI, IoT and Edge  
Continuum Innovation**



22 - 23 September 2025 / Colegio de Aparejadores, Madrid

# **Session 3: Leveraging GHG emission assessment measurements in ICT enabled use cases**

**Moderator: Sylvie Couronné, Fraunhofer IIS – AIOTI Co-Chair of WG GIE (Green ICT Enablement)**

# Scope of the session

This session will discuss use cases that embed ICT solutions to enable GHG reduction of emissions and emphasize the importance of GHG emission assessment measurements based on international standards.

In particular, this session will focus on examples of such GHG emission assessment measurements applied in use cases that embed ICT solutions to enable GHG reduction of emissions.

**Lead/Moderator** Sylvie Couronne, Fraunhofer IIS, [sylvie.couronne@iis.fraunhofer.de](mailto:sylvie.couronne@iis.fraunhofer.de)

**Speakers** Francois Belorgey, Orange, [francois.belorgey@orange.com](mailto:francois.belorgey@orange.com)

Fariha Mawla, Fraunhofer HHI, [fariha.mawla@hhi.fraunhofer.de](mailto:fariha.mawla@hhi.fraunhofer.de)

# Agenda

“Digital & environment : the ICT solution's use measurement issue” - Francois Bélorgey

“Use for ICT in a windfarm case” - Sylvie Couronné & Francois Bélorgey

“Edge-cloud based visual inspection for automated Product Quality assessment” - Fariha Mawla

Q&A

Panel discussion

# Panelist



**Sylvie Couronné**, Fraunhofer IIS, Germany

- Since 2019 active member of the AIOTI and since 2024 serving as co-chair of the AIOTI GIE group
- Background: engineer, RF IC Design, , Localization and Radio communication system, Green ICT development, Sustainability in 6G



**Francois Belorgey**, Orange, France

- engineer who graduated from École Polytechnique in France, Télécom Paris, and Mines Paris, and is a member of the Corps des Mines state body. He has worked for Thomson-CSF (now Thalès) in the satellite sector and for the French government's foreign trade and industry departments.
- Since 2008, he has been developing markets outside the telecoms sector for the Orange telecommunications group, in the healthcare, content, IT security, and payment systems sectors, and currently in energy and insurance

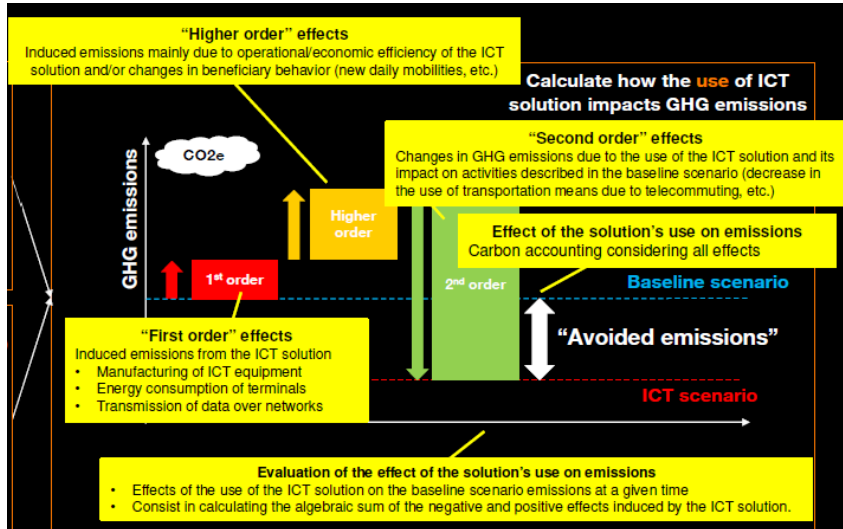


**Fariha Mawla**, Fraunhofer HHI, Germany

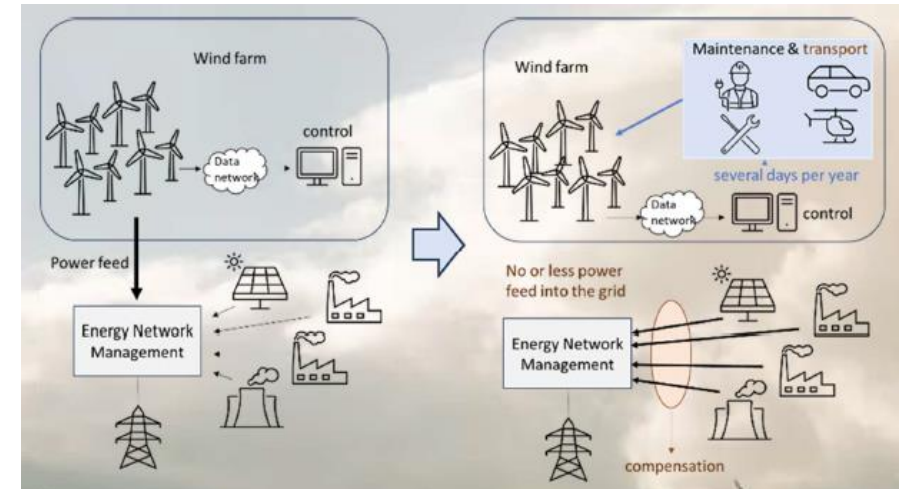
- a sustainability professional at Fraunhofer HHI since November 2024,
- works in environmental impact assessment projects related to ITU-T L.1480 standard.

# Q&A

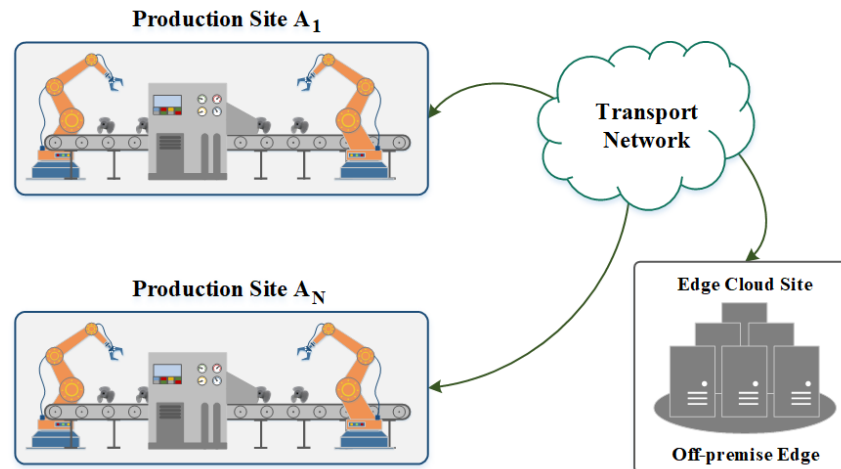
## Digital & environment : the ICT solution's use measurement issue (Francois Bélorgey)



## Use for ICT in a windfarm case (Sylvie Couronné & Francois Bélorgey)



## Edge-cloud-based Automated Visual Inspection System (VIS)- Green ICT Perspective (Fahira Mawla)





**Thank you for listening**

**Any questions?**

**You can email [sg@aioti.eu](mailto:sg@aioti.eu)**