

EDDIE PROJECT PARTICIPATED AT READY4DC – INTEROPERA JOINT EVENT

25th October 2023, EDDIE Consortium

EDDIE representatives participated at the "READY4DC – INTEROPERA JOINT EVENT", jointly organised by the READY4DC Project and Enabling interoperability of multi-vendor HVDC grids (INTEROPERA). The event was held in hybrid mode, in Vienna, on 13th of September 2023.

The READY4DC Project, supported by Horizon Europe, will create and engage a community of experts that will assess and give recommendations on the major technical and legal aspects of designing and building an interoperable multi-vendor DC grid. One major objective will be to prepare the ground for the development of the first multi-terminal, multi-vendor HVDC project in Europe.

The project InterOPERA, funded by Horizon Europe, unites 21 European partners to unlock the potential of HVDC grids and foster the transition of the European energy sector at large scale. The project will define technical frameworks and standards for electricity transmission and accelerate the integration of renewable energy. Ensuring that HVDC systems, HVDC transmission systems or HVDC components from different suppliers can work together – making them "interoperable" - is a top priority to accelerate Europe's energy transition. InterOPERA's main objective is to make future HVDC systems mutually compatible and interoperable by design, to improve the grid forming capabilities of offshore and onshore converters and pave the way for the first HVDC multi-terminal, multi-vendor, multi-purpose real-life projects in Europe.



On the final READY4DC and the InterOPERA first dissemination event on 13 September in Vienna, during the CIGRE B4- Colloquium, the main findings of the READY4DC whitepapers and InterOPERA's work towards interoperable, multi-vendor HVDC grids were discussed. A synergy of the project Ready4DC with EDDIE is the aim to identify and boost the needed skills in education towards HVDC topics within the frame of digital energy. During the event, an educational survey

on this topic was conducted with the help of the preliminary work of EDDIE.

Specialists from InterOPERA gave an overview of the different project activities leading to the interoperability of multi-vendor HVDC grids – as well as the main findings of the report "Demonstrator project definition and system design studies". Then the experts from READY4DC showcased the main findings of the final READY4DC whitepapers.

Established in 1921 in Paris, France, CIGRE is a global community committed to the collaborative development and sharing of power system expertise. The community features thousands of professionals from over 90 countries and 1250 member organisations, including some of the world's leading experts. At its heart are CIGRE's 59 in country National Committees offering diverse technical perspectives and expertise from every corner of the globe.

CIGRE B4 Colloquium took place in Vienna, bringing together experts from around the world in the field of High Voltage Direct Current (HVDC) transmission and Flexible AC Transmission Systems (FACTS). The colloquium, held under the theme "DC and FACTS enabling continuous Growth of Renewables," provided a platform for the exchange of knowledge, experiences, and the latest developments in these critical fields.

EDDIE is dedicated to identifying the skills needed for the digitalisation of the energy sector in its transition, either through re-skilling, up-skilling, or long-life learning at all levels of education and creating the "Large Scale Partnership for Digitalisation of Energy".

