



PCI ENERGY DAYS

BRUSSELS

3>4 December 2019

Exhibitors list

#PCList

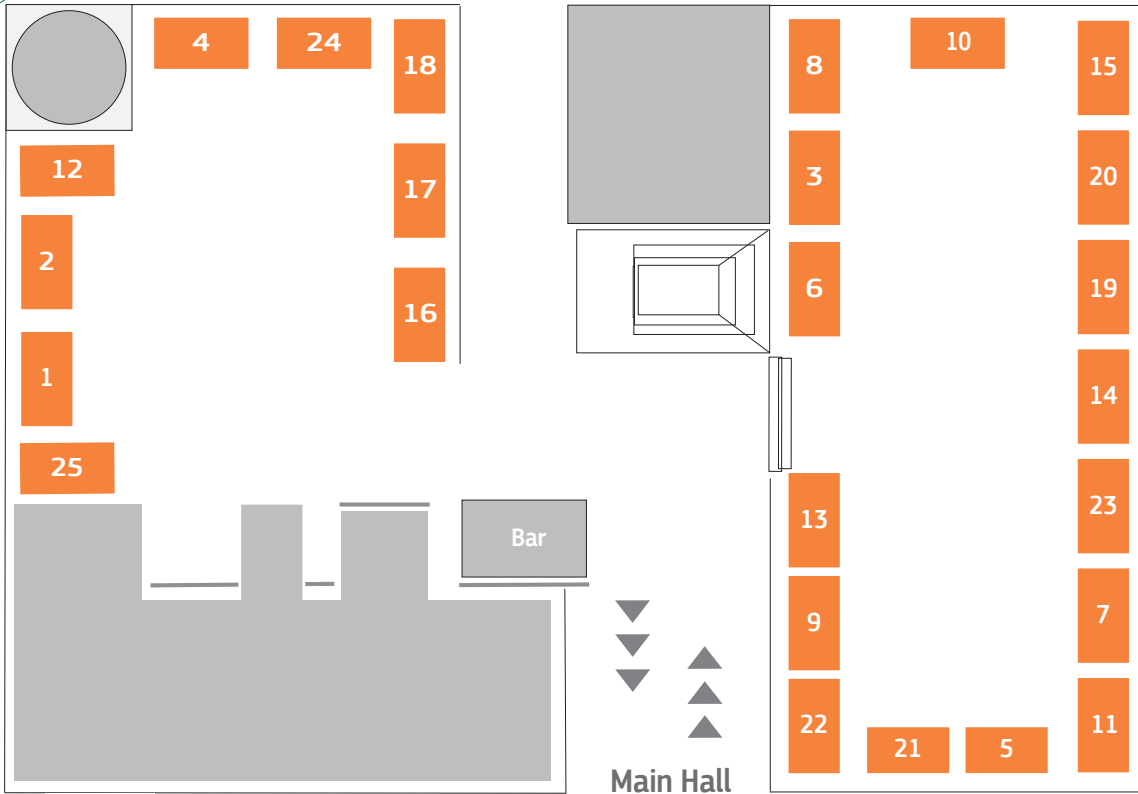
#PCIdaysEU

#CEFEnergy

Innovation
and Networks
Executive Agency

PCI GARDEN

3>4/12 2019 BRUSSELS PCI ENERGY DAYS 2nd EDITION



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ACON Smart Grids



The project ACON (Again COnnected Networks) aims to foster the integration of the Czech and the Slovak electricity markets. ACON aspires to efficiently integrate the behaviour and actions of grid users in order to ensure an economically efficient, sustainable electricity system with low losses and high quality and security of supply and safety.

Stand number **8**

www.acon-smartgrids.eu

AS Augstsprieguma tikls (AST)



AST implements PCIs that are related to the cross-border capacity increase between Estonia and Latvia, essential for the Baltic States synchronous operation with continental Europe. Construction of PCIs 4.2.1 and 4.2.3 as well as reinforcements of PCIs 4.8.1 and 4.8.3 are transmission projects for increase security of supply in the region and increase independency from Russian electricity power system.

Stand number **9**

www.ast.lv/en

Biscay Gulf project



Interconnection between Spain and France, currently known as “Biscay Gulf”, promoted by REE and RTE.



Stand number **14**

www.inelfe.eu/en/projects/bay-biscay

Celtic Interconnector



The Celtic Interconnector aims to create an electrical interconnection between France and Ireland to allow an exchange of electricity between the two countries. Developed by EirGrid, Ireland's electricity transmission system operator and its French counterpart, RTE (Réseau de Transport d'Électricité), it is an EU PCI project which responds to the challenge of energy transition and climate change by facilitating progress towards a secure, competitive and affordable electricity future.

Stand number **23**

www.celticinterconnector.eu

Conexus Baltic Grid



The PCI aims to enhance the operations of the storage to allow the Inčukalns Underground gas storage to maintain its functionality after pressure upgrade in Baltic transmission system. It will eliminate the gas flows bottleneck between Latvia and Lithuania, increase diversification and security of supply, enhance the competition in the gas market, provide the opportunity for better capacity.

Stand number **19**

www.conexus.lv/ipgk-projekti

Copenhagen School of Energy Infrastructure (CSEI)



The Copenhagen School of Energy Infrastructure (CSEI) conducts research in tomorrow's energy infrastructure from an economic policy point-of-view to ensure a successful transition towards a new sustainable European Energy Infrastructure based on volatile and largely renewable energy sources. CSEI is established as a European Research Center at Copenhagen Business School (CBS) and is funded by seven major donors from the energy sector.

Stand number **25**

www.cbs.dk/csei

CROSSBOW project



CROSSBOW, a TSOs driven project funded by the EU's H2020 programme, develops 9 solutions that could enable and increase the shared use of resources to foster cross-border management of variable renewable energies and storage units, providing a higher penetration of clean energies whilst reducing network operational costs. The results are evaluated by 8 TSOs in South Eastern Europe.

Stand number **3**

www.crossbowproject.eu

DG ENERGY



The Directorate-General for Energy (DG ENER) is responsible for developing and implementing the Energy Union. DG ENER proposes, implements and reviews legislation under the Energy Union framework strategy, and works towards secure, sustainable, competitive and affordable energy for all EU citizens.

Stand number **1**

www.ec.europa.eu/info/departments/energy_en

Danube InGrid



Danube InGrid (Intelligent Grid) facilitates the cooperation between the Slovak and Hungarian electricity sector, the network connection of renewable generators by the construction of new substations and upgrading the existing infrastructure with smart devices, intelligent monitoring and management of the network, thus also contributing to the security of supply, stability of the grid and better service quality for the end users.

Stand number **10**

www.danubeingrid.eu

European Investment Advisory Hub



The European Investment Advisory Hub (EIAH or the Hub) is a partnership between the European Investment Bank Group and the European Commission as part of the Investment Plan for Europe. The Hub is designed to act as a single access point to various types of advisory and technical assistance services. It supports the identification, preparation and development of investment projects across the European Union.

Stand number **12**

<https://eiah.eib.org/>

European Network of Transmission System Operators Electricity (ENTSO-E)



ENTSO-E represents 43 electricity transmission system operators from 36 countries across Europe. ENTSO-E releases every second year the pan-European electricity network development plan 'TYNDP'. The TYNDP assesses transmission and storage projects and its results feed into the European Commission's Projects of Common Interest process.

Stand number **4**

www.entsoe.eu

European Network of Transmission System Operators for Gas (ENTSOG)



ENTSOG (European Network of Transmission System Operators) was founded in 2009 with the aim to achieve the EU energy goals facilitating cooperation between the 44 European Transmission System Operators (TSOs) and with EU institutions and stakeholders.

Stand number **24**

www.entsog.eu/

Ervia CCS



Ervia is assessing the feasibility of capturing c 1.5 MT to 2.5 MT CO₂ from CCGT's and industry in the Cork area for storage in the Kinsale Head gas field via the network of existing gas transmission pipes. This CCUS cluster would provide valued back up storage to other CCUS project promoters in the North Sea Basin, and other potential CCUS projects to the south of the North Sea Basin through a storage hub, uniform standards of CO₂ transportation, shipping infrastructure and knowledge sharing.

Stand number **16**

www.ervia.ie/

ESO EAD



The stand shall present the implementation of all electricity PCIs implemented by bulgaria TSO:

PCI 3.7.1 Interconnection between Maritsa East (BG) and N. Santa (EL)
 PCI 3.7.2 Internal line between Maritsa East and Plovdiv (BG)
 PCI 3.7.3 Internal line between Maritsa East and Maritsa East 3 (BG)
 PCI 3.7.4 Internal line between Maritsa East and Burgas (BG)
 PCI 3.8.1 Internal line between Dobrudja and Burgas (BG)

Stand number **7**

<http://projects.eso.bg/projects/>

Greenlink Interconnector



Greenlink is a proposed electricity interconnector linking the power markets in Ireland and Great Britain and has a nominal capacity of 500 MW. It comprises a subsea and underground cable and associated converter stations to connect EirGrid's Great Island substation in County Wexford, Ireland, and National Grid's Pembroke substation in Pembrokeshire, Wales. Procurement for the major construction contracts is currently under way and the project is expected to be fully operational by 2023.

Stand number **21**

www.greenlink.ie

INEA



The Innovation and Networks Executive Agency (INEA) works in partnership with the European Commission to turn policy into action. Since 2014, the Agency provides technical expertise and high quality programme implementation for infrastructure, research and innovation projects in the fields of transport, energy and telecommunications.

Stand number **2**

www.ec.europa.eu/inea/en

LITGRID



Synchronous interconnection of Lithuanian, Latvian and Estonian power systems with the Continental Europe Network is aimed to develop the infrastructure for deeper market integration and synchronous interconnection of the power systems of the Baltic States with the CEN. The involved countries are Estonia, Latvia, Lithuania and Poland.

Stand number **22**

www.litgrid.eu/

Melita TransGas Pipeline



Melita TransGas Pipeline consists of a gas pipeline interconnection between Malta (Delimara) and Italy (Gela) with a capacity of 2 bcm/year, diameter of 22" and an approximate length of 159 km (151 km offshore, 7 km onshore in Sicily and 1km onshore in Malta). The project will end Malta's isolation from the European gas network and thus contribute to integration of the gas market and improved security of energy supply, given that presently the island supply depends on shipping of LNG.

Stand number **15**

www.energywateragency.gov.mt/pci-5-19-melita-transgas-pipeline/

NATIONAL GRID INTERCONNECTORS



Interconnectors are transmission cables that allow electricity to flow freely across Europe. National Grid Ventures is committed to expand the number of interconnectors that connect Great Britain with continental Europe in order to make energy more secure, affordable and sustainable for European consumers. Our projects include the first subsea cables from GB to Norway (North Sea Link) and Denmark (Viking) and two new interconnectors to Belgian (Nautilus) and Netherlands (Eurolink).

Stand number **5**

www.viking-link.com
www.northsealink.com
www.nationalgrid.com/group/about-us/what-we-do/national-grid-ventures/interconnectors-connecting-cleaner-future

NORTHERN LIGHTS



The Northern Lights transport project is a 3 partner project between Equinor, Shell and Total, which aims to become the world's first CCS project receiving CO₂ from several industrial sources and contribute to developing a European CO₂ transport and storage network. The captured CO₂ will be transported by ship and stored on the continental shelf offshore Norway. The project is planned to start operating in 2023 and the project's extension to cross-border shipping of CO₂ is expected from 2024.

Stand number **17**

<https://northernlightsccs.com/en>

RENEWABLES GRID INITIATIVE



The Renewables Grid Initiative (RGI) promotes good practices related to grid development for an energy system based on renewables. These practices range from innovative participatory approaches to empowering local communities to collaborative planning in the marine environment - just to name a few. Visit us at our stand in the PCI Garden and learn more about these approaches that have been collected from PCI projects and beyond all across Europe.

Stand number **18**

www.renewables-grid.eu/

Smart Border Initiative



An integrated cross-border energy system enabled by a joined smart grid.

Stand number **13**

www.sbi-energy.eu

North Sea Wind Power Hub



TenneT Netherlands, TenneT Germany, Energinet, Gasunie and Port of Rotterdam joined forces to develop a large scale European electricity system for offshore wind in the North Sea. The North Sea Wind Power Hub (NSWPH) consortium partners consider the project to be an important possible alternative path of an internationally coordinated roll-out towards accomplishing the green energy transition and achieving the Paris Agreement.

Stand number **11**

www.northseawindpowerhub.eu/project/

Transgaz S.A.



The “Development on the Romanian territory of the National Gas Transmission System on the Bulgaria – Romania – Hungary – Austria Corridor” project, concerns developments of the gas transmission system capacities between the Romanian gas transmission system and the similar systems of Bulgaria and Hungary consisting in construction a new transmission pipeline to connect the Podișor Technological Node to the Horia GMS.

Stand number **20**

www.transgaz.ro/

TRINITY project



TRINITY will develop a set of solutions to enhance cooperation and coordination among the Transmission System Operators of South Eastern Europe in order to support the integration of the electricity markets in the region, whilst promoting higher penetration of clean energies.

Stand number **6**

www.grupoetra.com/en/

