

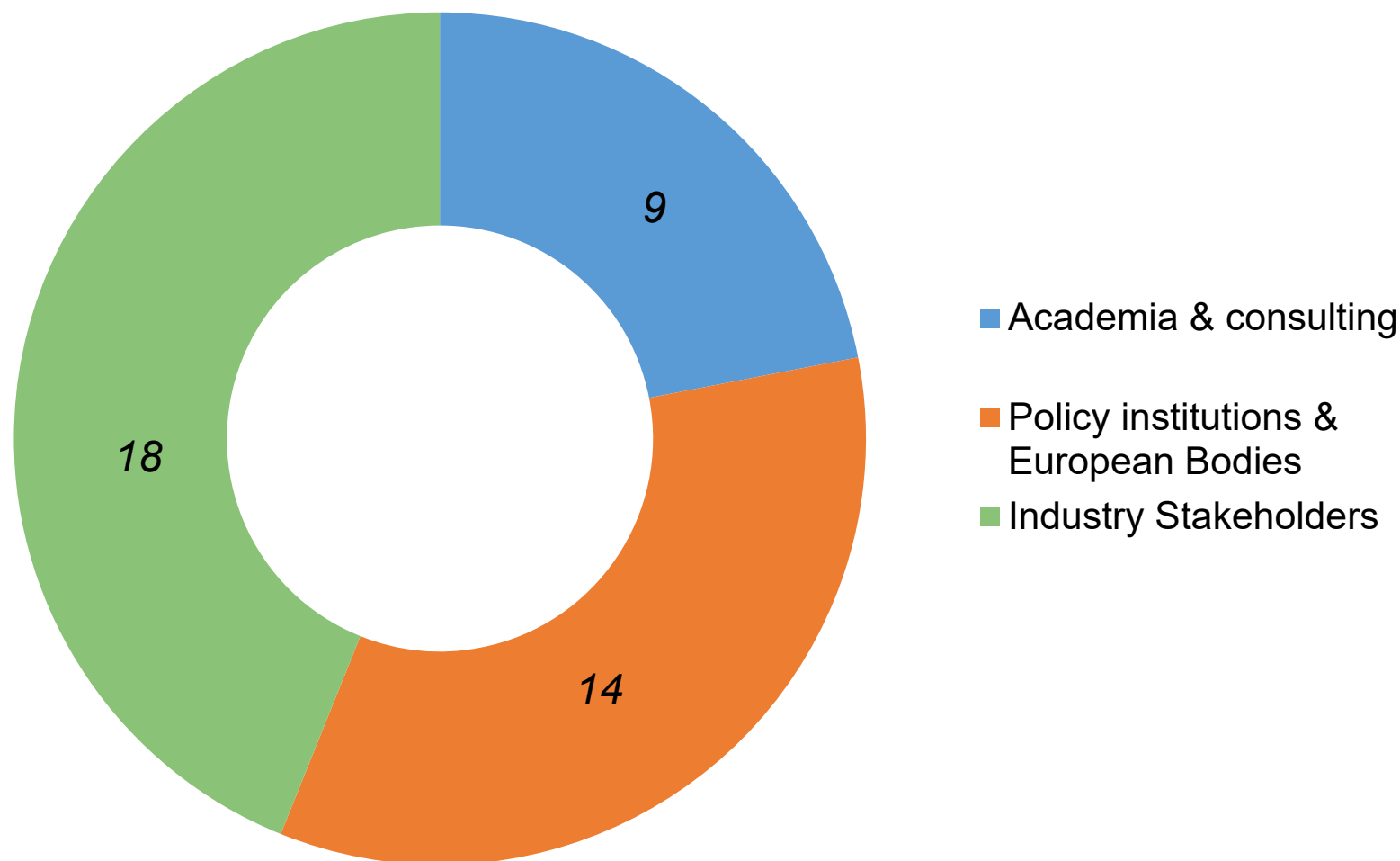
# PROMOTioN

Meshed Offshore HVDC Grids as a Pathway to a Sustainable European Electricity System

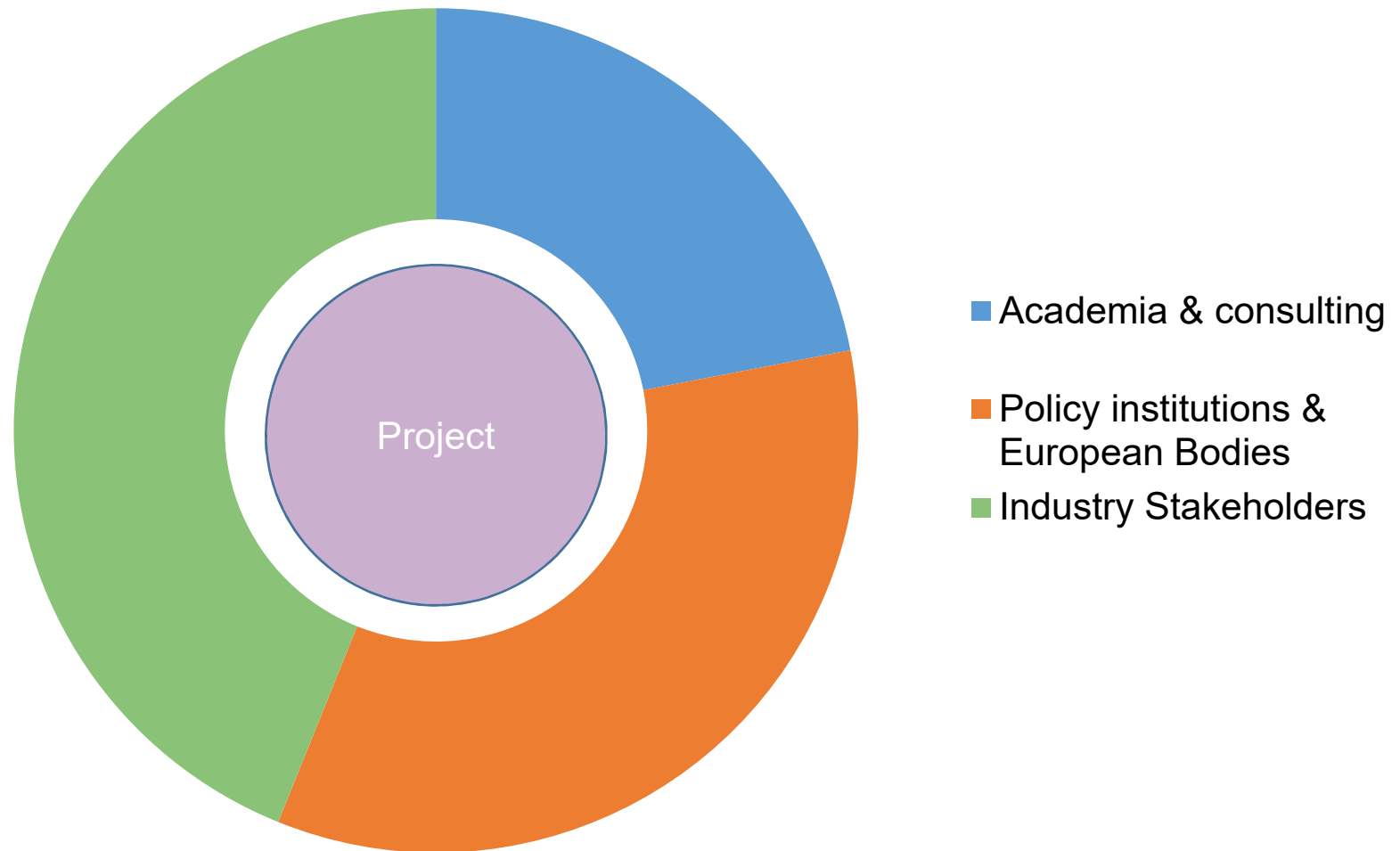


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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691714.

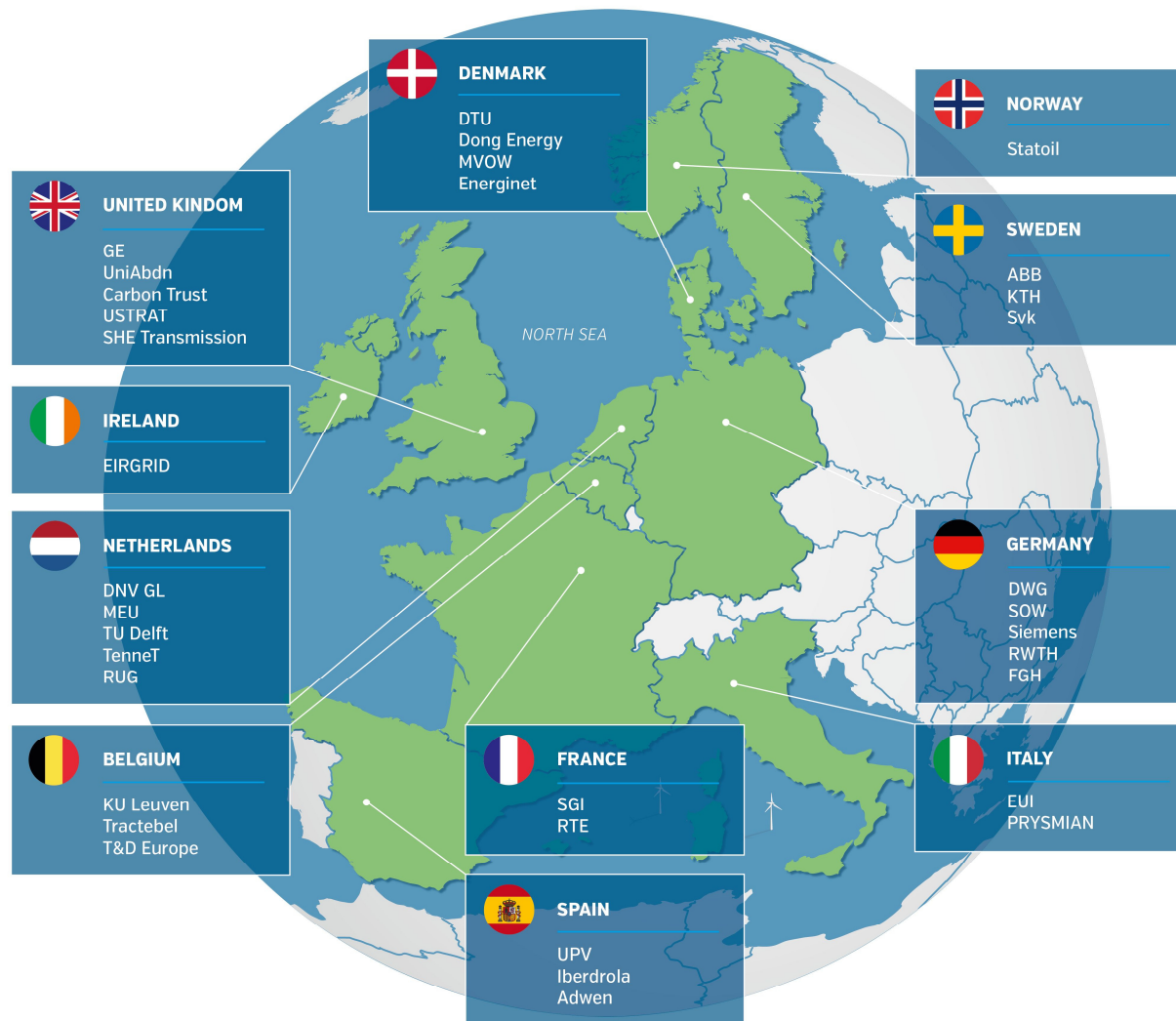
# Welcome stakeholders!



# We feel well surrounded



# 11 Countries involved - with a coast line



# 34 Participants

| SHORT NAME | LEGAL NAME                                           | COUNTRY        |
|------------|------------------------------------------------------|----------------|
| DNV GL     | Kema Nederland BV                                    | Netherlands    |
| ABB        | ABB AB                                               | Sweden         |
| KU Leuven  | Katholieke Universiteit Leuven                       | Belgium        |
| KTH        | KTH Royal Institute of Technology                    | Sweden         |
| EirGrid    | EirGrid plc                                          | Ireland        |
| SGI        | SuperGrid Institute                                  | France         |
| DWG        | Deutsche WindGuard GmbH                              | Germany        |
| MEU        | Mitsubishi Electric Europe B.V.                      | Netherlands    |
| Svk        | Affärsverket Svenska kraftnät                        | Sweden         |
| GE         | Alstom Grid UK Ltd<br>(Trading as GE Grid Solutions) | United Kingdom |
| UniAbdn    | The University Court of the University of Aberdeen   | United Kingdom |
| RTE        | Réseau de Transport d'Électricité                    | France         |
| TU Delft   | Technische Universiteit Delft                        | Netherlands    |
| Statoil    | Statoil ASA                                          | Norway         |
| TenneT     | TenneT TSO B.V.                                      | Netherlands    |
| SOW        | German OFFSHORE WIND ENERGY Foundation               | Germany        |
| Siemens    | Siemens AG                                           | Germany        |
| DTU        | Danmarks Tekniske Universitet                        | Denmark        |

| SHORT NAME       | LEGAL NAME                                                                                          | COUNTRY        |
|------------------|-----------------------------------------------------------------------------------------------------|----------------|
| RWTH Aachen      | Rheinisch-Westfälische Technische Hochschule Aachen                                                 | Germany        |
| UPV              | Universitat Politècnica de València                                                                 | Spain          |
| FGH              | Forschungsgemeinschaft für Elektrische Anlagen und Stromwirtschaft e.V.                             | Germany        |
| Dong Energy      | Dong Energy Wind Power A/S                                                                          | Denmark        |
| Carbon Trust     | The Carbon Trust                                                                                    | United Kingdom |
| Tractebel        | Tractebel Engineering S.A.                                                                          | Belgium        |
| EUI              | European University Institute                                                                       | Italy          |
| Iberdrola        | Iberdrola Renovables Energía, S.A.                                                                  | Spain          |
| T&D Europe       | European Association of the Electricity Transmission & Distribution Equipment and Services Industry | Belgium        |
| USTRAT           | University of Strathclyde                                                                           | United Kingdom |
| Adwen            | ADWEN Offshore, S.L.                                                                                | Spain          |
| Prysmian         | Prysmian                                                                                            | Italy          |
| RUG              | Rijksuniversiteit Groningen                                                                         | Netherlands    |
| MVOW             | MHI Vestas Offshore Wind AS                                                                         | Denmark        |
| Energinet        | Energinet.dk                                                                                        | Denmark        |
| SHE Transmission | Scottish Hydro Electric Transmission plc                                                            | United Kingdom |



# Horizon 2020 - LCE 5

## ↗**Topic:**

Innovation and technologies for the deployment of meshed off-shore grids

## ↗**Scope:**

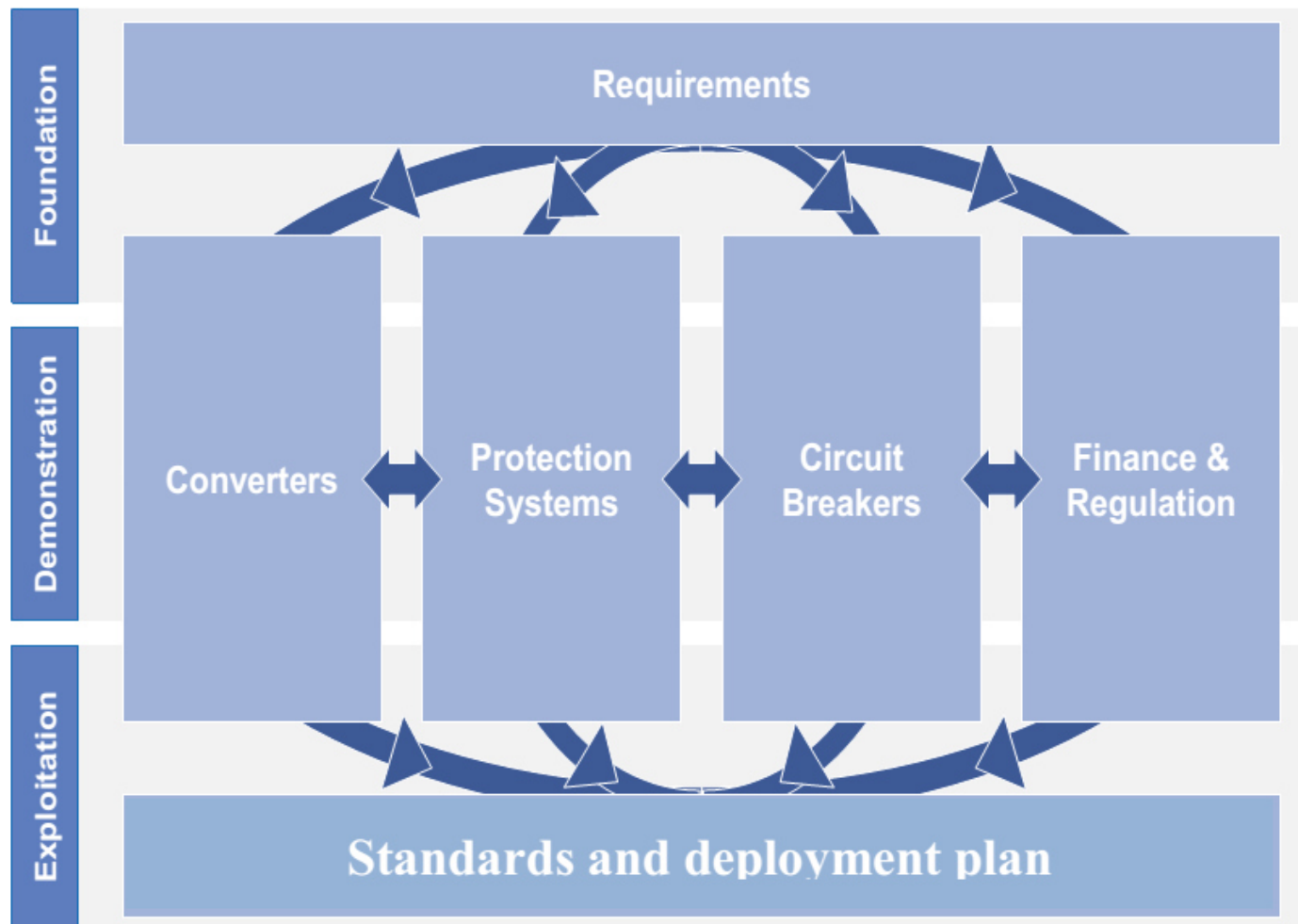
Prepare the first phase for deployment of innovative components of interoperable meshed off-shore HVDC network technologies

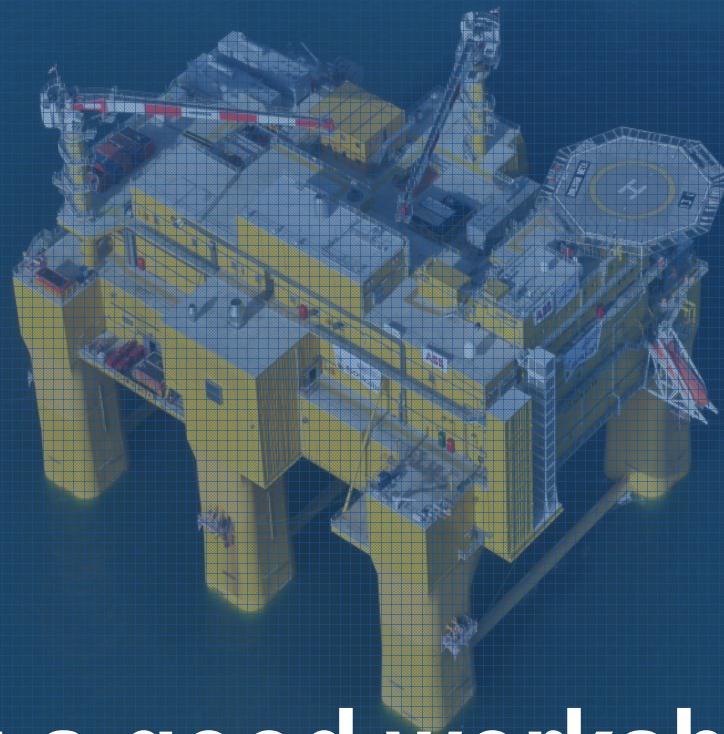
## ↗**Purpose:**

Seek agreement among network operators and major equipment suppliers on a technical architecture and on a set of multi-vendor interoperable technologies for acceleration of HVDC grid development



# Project structure





# Wish you a good workshop

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