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DEMOWIND ERA-NET COFUND ACTION

JOINT CALL 2015

Delivering Cost Reduction in Offshore Wind:

GUIDELINES FOR APPLICANTS

For further information, please see the DemoWind website: demowind.eu or contact the DemoWind 2015 co-ordinator: innovation@decc.gsi.gov.uk

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This document is an invitation to take part in a joint call for innovative and collaborative, trans-national offshore wind demonstration projects.

DemoWind is a network of national and regional ministries and funding organisations that wish to invest in industry-led offshore wind demonstration projects to help to reduce the cost of offshore wind energy. The partners supporting this call are Belgium, Denmark, The Netherlands, Portugal, Spain and the United Kingdom.

The principal objective of this joint call is to fund public-private projects that develop and demonstrate offshore wind energy technologies which will go on to be deployed commercially and contribute to cost reduction in offshore wind energy.

Key Dates	
Call opens	**25 February 2015**
Deadline for submitting Stage 1 (outline) proposal	**27 April 2015, 13:00 CEST**
Stage 1 (national eligibility) assessment completed	**5 June 2015**
Deadline for submitting Stage 2 (full) proposal **(only applicable to consortia successful at Stage 1)**	**17 July 2015, 13:00 CEST**
Stage 2 (full independent) assessment completed	**31 October 2015**
Expected start of DemoWind trans-national projects	**December 2015**
This call is published on the DemoWind ERA-NET web page and on the web pages of the participating national and regional organisations. See: www.demowind.eu	

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1. Introduction

DemoWind is an ERA-NET programme to fund collaborative, trans-national offshore wind technology demonstration projects. DemoWind is an ERA-NET Cofund Action programme supported by the European Union's Horizon 2020 Framework Programme – under the topic 'Supporting Joint Actions on demonstration and validation of innovative energy solutions'.

The DemoWind partners are funding organisations from the following six countries or regions: Belgium (Flanders), Denmark, the Netherlands, Portugal, Spain, and the United Kingdom. These partners have reserved total resources of up to €21.2 million to help to fund collaborative offshore wind demonstration projects which will be delivered between 2015 and 2019. The maximum contribution of the European Union's Horizon 2020 Framework Programme to the call will be €10.4 million. Therefore, the total maximum Call Budget for DemoWind 2015 is €31.6 million.

DemoWind is focused on enabling industry, through partnership, to push technologies from Technology Readiness Levels (TRL) 5-6 up to TRL 6-7 through the transnational demonstration projects. The programme aims to connect existing and new European offshore wind demonstration opportunities, to exchange knowledge and to facilitate the acceleration of cost reducing innovative technologies to commercialisation.

This action will contribute to European cost reduction targets for offshore wind, economic development of the European offshore wind sector and help to maintain the EU's internationally leading position in offshore wind. Reducing technology cost is essential to increase the deployment of offshore wind, making a significant contribution to the EU's climate change targets.

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2. Background

The European Union (EU) is committed to combating climate change and to increasing security of its energy supply. The European Council in 2007 adopted ambitious energy and climate change objectives for 2020 – to reduce greenhouse gas emissions by 20%, rising to 30% if the conditions are right, to increase the share of renewable energy to 20%, and to make a 20% improvement in energy efficiency. The European Parliament has continuously supported these goals and the EU has allocated almost €6 billion of funding from its Horizon 2020 Research and Innovation programme to non-nuclear energy research which will support the transition to a reliable, sustainable and competitive energy system.

Offshore Wind is a key low-carbon technology for Europe; the European Wind Energy Association reported in an offshore wind statistics report for 2014 that just over 8GW of offshore wind energy was grid-connected within the European Union by the end of 2014[1].

But reducing the cost of offshore wind energy will be essential to increasing its level of deployment. In March 2014, the European Technology Platform for Wind Energy (TPWind) published a Strategic Research Agenda / Market Deployment Strategy[2] which noted that the most critical current priority for offshore wind power is to significantly lower its cost of energy to become competitive with conventional power generation by 2030.

Significant reduction in the cost of offshore wind energy is expected to require cost reduction in the wide range of component technologies that make up an offshore wind system, as well cost reduction in the installation, operations, maintenance and decommissioning of the offshore system. In its Strategic Research Agenda, TPWind suggests prioritising the following six research topics to help reduce the cost of offshore wind technology development: sub-structures; logistics, assembly and decommissioning; electrical infrastructure; wind turbines; operation and maintenance; and external conditions.

Specific technology objectives to help support wind energy deployment targets have also been identified in the European Commission's Wind Energy Technology Roadmap[3]. The Commission has developed Roadmaps for seven low carbon technologies, including wind energy under its Strategic Energy Technology (SET) Plan. The four technology objectives in the Wind Energy Technology Roadmap are: new turbines and components; offshore technology; grid integration techniques; and resource assessment and spatial planning to support wind energy deployment.

[1] European Wind Energy Association: The European offshore wind industry - key trends and statistics 2014, published January 2015 (http://www.ewea.org/fileadmin/files/library/publications/statistics/EWEA-European-Offshore-Statistics-2014.pdf)

[2] TP Wind: Strategic Research Agenda/Market Deployment Strategy, published march 2014 (http://www.windplatform.eu/fileadmin/ewetp_docs/Documents/reports/TPWind_SRA.pdf)

[3] http://setis.ec.europa.eu/implementation/technology-roadmap/european-industrial-initiative-on-wind-energy-1

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No single country has the resources or risk appetite to address cost reduction in the full range of technologies which make up an operational offshore wind system. The SET plan promotes alignment of the efforts of the Community, Member States and industry in order to achieve common goals. Transnational cooperation is required to significantly reduce the cost of offshore wind to meet the EU's renewables targets and to meet the specific challenge of the LCE-18-2014 call of largely decarbonising the energy system by 2050.

The European Commission's ERA-NET Cofund instrument, funded within the Horizon 2020 Framework Programme, is a mechanism which supports transnational public partnerships to establish R&D networking structures and to deliver joint funding calls, such as DemoWind. DemoWind is focused on enabling the development of technologies which have wider societal benefits and which are unlikely to be commercialised by the market alone – and which will benefit from transnational cooperation and collaboration. The DemoWind call will also focus on technologies where there are clear market barriers and insufficient benefit for one company to demonstrate them alone.

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3. Aims

The aim of this ERA-NET Cofund is to stimulate and co-fund innovative transnational projects in offshore wind, focused on demonstrating and validating solutions to support the commercialization of technologies that would not be delivered quickly enough if left to the market alone. The project's specific objectives are:

- To reinforce collaboration within the European offshore wind sector by alignment and knowledge transfer of national research and demonstration programmes.
- To target an overall 10% cost reduction in future offshore wind energy by funding transnational demonstration and validation activities from 2015-20. This technology driven cost reduction should contribute to the 50% reduction in offshore wind costs targeted by the industry for 2030.
- To progress the most promising cost reduction innovative offshore wind technologies towards commercialisation by funding transnational demonstration and validation activities which develop the technologies from TRL5-6 to TRL 6-7.
- To involve a wide range of industrial partners in transnational, innovative projects, including strong SME representation and appropriate larger industrial representation.
- To use European and transnational funding to stimulate significant private sector funding, with a target of securing as much industrial co-funding as possible.
- To increase market confidence in offshore wind technologies so contributing to a doubling of offshore wind project investment in the EU in 2020 compared with 2014.
- To use this Call as the starting point for continued offshore wind sector collaboration between the DemoWind partners and more widely across the EU.

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4. Scope

1. **Focus on Cost Reduction:** Projects must provide evidence to show how the innovation to be developed and demonstrated will lead to reduction in the cost of offshore wind energy. All projects supported by DemoWind will be required to participate in an independent assessment of the levelised cost of energy for their proposed innovation at the outset and at the conclusion of the project. This assessment, which will be carried out by the DemoWind Funding Organisations using data provided by the project teams, will provide an estimate of the expected cost reductions to be secured by the technology under development.

2. **Technology Area:** Projects must address cost reduction in one or more of the following technical priority areas:

   - Turbine components (e.g. design of blades, gear boxes)
   - Floating offshore turbines
   - Foundation structures (e.g. monopiles, jackets)
   - Electrical networks/multi terminal DC networks (e.g. onshore connection facilities)
   - Large Met-Ocean database (e.g. measurement techniques for collecting large Met-Ocean data);
   - Installation and decommissioning practices
   - Operations and maintenance (e.g. improved and safer systems, better management systems, specialist vessels)

3. **Technology Readiness Level (TRL):** Projects must advance innovative technologies from Technology Readiness Levels 5 or 6 to Technology Readiness Levels 6 or 7. Therefore, by the end of the DemoWind project, supported technologies are expected to have advanced to one of the following TRLs:

   TRL6: System or subsystem model or prototype demonstration in a relevant environment.
   TRL7: System prototype demonstration in an operational environment.

   Lower TRL research activities necessary to support demonstration and validation activities are potentially in scope for DemoWind funding, where they are a minor but integral part of wider projects which progress a technology though to TRLs 6-7 and beyond.

The following diagram illustrates the different TRL levels and the TRL focus for DemoWind support.

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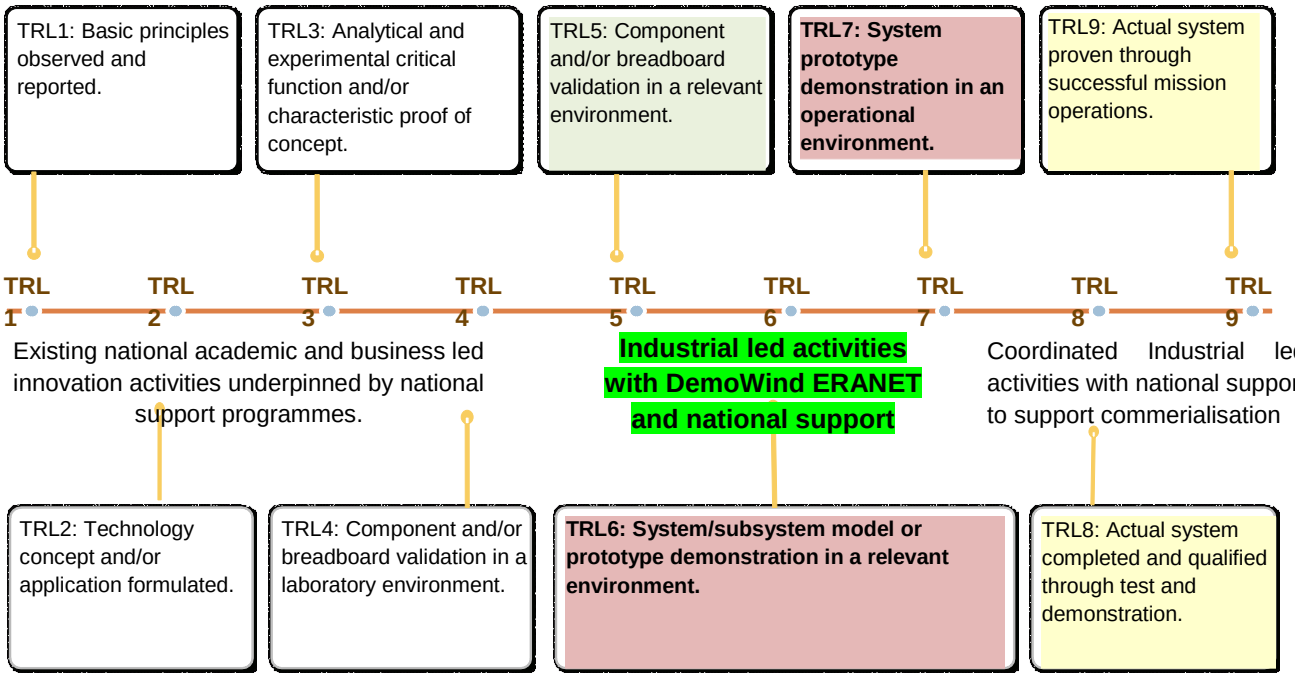

4. **Timing:** All projects will need to present a clear case with evidence to show that they will be completed within the DemoWind funding timeframe, i.e. all projects must be constructed and commissioned by 31 December 2018; and projects must be fully completed – including all reporting requirements - by 30 June 2019.

   Although the DemoWind project duration and funding is limited to the end of June 2019, the continuation of demonstrator operations is encouraged and welcomed in order to further prove the achieved results.

5. **Transnational Collaboration:** All projects must involve at least two separate private sector organisations from **at** least two of the six DemoWind partner countries/regions. All bidding consortia are encouraged to go beyond these minimum requirements and the degree of trans-national collaboration will be part of the assessment criteria for evaluating DemoWind project proposals (see Annex E below).

   There is no maximum number of partners: the consortium size for any DemoWind project should be suitable for the level and complexity of the project. Each project partner should make a significant contribution to the project and contribute to the added value of establishing a trans-national collaboration.

   Consortia can include organisations from countries which are not participating in theDemoWind but these organisations must provide their own funding (they will not be eligible to receive DemoWind call funding).

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DemoWind will <u>not</u> support:

- Failed or ailing projects, i.e. projects that have already failed to meet existing objectives or that have proved unsatisfactory in operation;
- On-going work, or work that will be on-going before the DemoWind call is completed;
- Similar projects which have previously received national/regional or European funding;
- Projects where there is no evidence of additionality – i.e. no clear evidence of the additional benefits secured from the use of public funding to deliver the project activities.

Please contact your national/regional funding organisation to confirm eligibility *before* submitting a proposal.

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5. DemoWind Eligibility

National eligibility criteria are separate and distinct to the DemoWind criteria given below. A summary of national eligibility requirements is provided under Annex B. Applicants are advised to confirm eligibility requirements with their national/regional funding organisation before submitting a proposal.

To be eligible to apply for the DemoWind joint call, projects must meet the following eligibility criteria:

1. Projects must be **within the scope of the DemoWind call** (described in section 4) in terms of:
    a. Focus on cost reduction;
    b. Technology area;
    c. Technology readiness level;
    d. Timing; and
    e. Transnational collaboration.

2. Projects must be **industry-led** with **at least 51% of person-months and at least 51% of total project costs** incurred by the **industrial partners,** not taking into account non-technical sub-contracts.

3. The project coordinator for each consortium must come from one of the six DemoWind partner countries/regions.

4. Every individual consortium member must incur less than 70% of the total eligible project costs.

5. Projects must have identified appropriate sources (either internal or external) of **matched funding**. Allocation of funding will only be possible upon the **verification** of these third party funds: financial checks will be carried out by the relevant Funding Organisations as part of the national/regional check in the Stage 1 outline proposal evaluation.

6. Projects must demonstrate an **innovative** technology, system or process that has not been demonstrated previously.

7. Public sector or publicly funded organisations which are interested in participating in a DemoWind consortium project must check with their national/regional funding organisation (see Annexes 1 and 2) to confirm whether they are eligible to take part.

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8. Projects must **comply with all relevant EU regulations** (including State Aid legislation) and **all relevant national and regional legislations and eligibility criteria** (see Annex 2 for details of national and regional eligibility criteria). The eligibility of organisations, costs and type of research may be different for each partner in a trans-national consortium, according to the national / regional requirements. *Therefore, every member of a project consortium must contact their respective national/regional Funding Organisation (listed in Annex 1) to discuss the relevant national/regional requirements (Annex 2) before submitting a Stage 1 proposal.*

In addition to the above eligibility criteria, project teams should note the following requirements:

- Total project costs are expected to be a minimum of €1m in total.
- No single project is expected to receive more than 50% of the Call budget.
- Consortia with more than two industry partners from two countries are encouraged.
- Consortia involving small and medium-size companies (SMEs) are particularly encouraged to apply if allowed by national/regional regulations.
- Project operations should not start before the grant agreement has been signed.

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6. DemoWind Funding Arrangements

The total funding available for the DemoWind Joint Call projects is up to €31.6 million, made up of national/regional budgets and an EU contribution of up to €10.4 million. National partners will receive funding from their respective national or regional Funding Organisations (see Annex B for details) that will incorporate the EU contribution. Projects are subject to national/regional funding rules and EU State Aid rules applicable to funding of innovation projects.

Projects must demonstrate the source of co-funding within their proposals, with evidence of the commitment from all the funding stakeholders.

Revenues generated by DemoWind demonstration units during the funded project duration may be deducted from the public funding initially granted (please refer to your national/regional Funding Organisation for further information on this point).

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7. Project Monitoring and Deliverables

In addition to any national and regional monitoring requirements, DemoWind projects are expected to deliver the following:

- Participation in and presentation at two DemoWind project dissemination seminars (mid-term and final seminar).
- An annual interim report (using a reporting template which will be provided). This interim report will be available to the Funding Organisations involved, but will not be made public.
- A publishable and public final report, describing the activities and outcomes of the work, including an exploitation plan stating how the results of the project will be implemented. Confidential results will be presented in a separate confidential report. Detailed requirements for this report will be distributed to successful applicants once the projects are underway.
- An abstract of the main results of the project, to be published in a "joint call brochure" after the end of the projects.

A high degree of transparency is expected from this type of demonstration project. Consequently, experiences obtained during operation – both positive and negative - as well as the operation process and results must be carefully documented, analysed and evaluated and included in the relevant interim and/or final reports.

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8. Application Process

i. Registration

Each coordinator representing a project consortium which is interested in applying to the DemoWind call must register on the DemoWind website (www.demowind.eu) before submitting a Stage 1 (outline) proposal. On completion of the registration, the project coordinator will receive an e-mail with a unique application number and instructions on how to access the DemoWind Electronic Submission System (ESS).

Please note that:

- A separate registration is required for each project proposal.
- Only the project coordinator for each proposal needs to register.
- The ESS may be overloaded on the submission deadline.

ii. Application process

The application process is in two stages: Stage 1 (outline proposal) and Stage 2 (full) proposal.

The eligibility of organisations, costs and type of research may be different for each partner in a trans-national consortium, according to the national / regional requirements (see Annex B for further details).

Projects must meet the DemoWind eligibility criteria – specified in Section 5 of the DemoWind Call document.

Stage 1: Outline Proposal

All consortia must submit a Stage 1 (outline) proposal using the online template (Annex C) available on the DemoWind website (www.demowind.eu). The Stage 1 proposal should be completed by the project coordinator on behalf of all the partners and submitted using the ESS (www.demowind.eu) by the deadline (**27 April 2015, 13.00 CEST**).

If required, any additional national/regional applications must be submitted directly by the applicants to the respective national/regional Funding Organisation according to their specific deadlines and following their requirements and procedures, as described in Annex B.

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Stage 2: Full proposal

For each consortium which passes the Stage 1 assessment and is invited to submit a full proposal submission, the project coordinator must submit the Stage 2 (full) proposal on behalf of the all consortium partners using the online template (Annex D), available on the DemoWind website (www.demowind.eu) by the deadline (**17 July 2015, 13.00 CEST**).

In addition to the completed Stage 2 proposal, each project consortium will also be asked to submit (by the Stage 2 submission deadline):

- Any additional information required to meet national/regional requirements – these should be submitted directly to the relevant Funding Organisation by the Stage 2 deadline.
- According to national/regional rules there might also be a requirement to send in the full Stage 2 proposal directly to the national/regional application system as well.
- Any consortium members are from countries/regions not participating in the DemoWind call must submit a signed 'Declaration of own funding' (which specifies the source of their funding) as an annex to the Stage 2 proposal.
- Draft Consortium Agreement – this does not have to be signed at this stage (copies of the final, signed version will need to be provided to relevant funding organisations before any projects can receive DemoWind funding).

The project acronym, consortium partners, title, funding request and objectives of the Stage 2 proposal must be the same as in the Stage 1 proposal – unless changes are needed to fulfil the eligibility or national/regional requirements of the Funding Organisations involved and are agreed with the DemoWind Funding Organisations prior to submission of the Stage 2 proposal.

Proposal structure and recommendations

Only Stage 1 and Stage 2 proposals based on word templates (Annexes C and D, respectively) provided at the DemoWind website (www.demowind.eu) will be accepted. The proposals must be prepared in English and must respect the format and the page limits for each section. ***Information exceeding these page limitations will be rejected.***

iii. Partner Search

The following web tools may be useful to help to find partners to build a DemoWind project consortium:

EEN – Enterprise Europe Network (www.een.ec.europa.eu/)

CORDIS Technology Marketplace (www.cordis.europa.eu/marketplace)

The DemoWind website (www.demowind.eu) also has a partner-search facility.

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9. Evaluation and Selection Procedures

i. Stage 1 – outline proposal evaluation

Basic eligibility check: All Stage 1 proposals will be checked by the DemoWind Joint Call Secretariat to confirm that the proposals meet the following requirements:

- The deadline for submitting the proposal was met;
- The Stage 1 (outline) proposal form (Annex C) has been completed in English and the page limits have not been exceeded;
- The proposed project meets the DemoWind eligibility criteria (set out in section 5 of this Call document).

National/regional check: In parallel, each Stage 1 proposal will be evaluated by the Funding Organisations in all the relevant DemoWind countries/regions. The national/regional check will be carried out for all the consortium partners from each of the DemoWind countries/regions using the relevant national/regional eligibility criteria and funding rules (Annex B).

Communication of Stage 1 results: Based on the Stage 1 checks, the DemoWind Funding Organisations will jointly decide which project consortia to invite to submit a Stage 2 (full) proposal.

The project coordinators for all the Stage 1 applicant consortia will each receive a letter with the results of the Stage 1 assessment, including comments from all the relevant Funding Organisations. The Stage 1 results letter will include either:

- An invitation for the project consortium to submit a full proposal submission with requirements and/or conditions necessary to meet any minor eligibility issues and/or to improve the quality of the full proposal; or
- An explanation of why the Stage 1 proposal did not meet the DemoWind Joint Call eligibility criteria and/or the national/regional requirements for the relevant DemoWind Funding Organisations.

Project coordinators should receive the letter with the Stage 1 results by 5 June 2015.

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ii. Stage 2 - full proposal evaluation

Basic eligibility confirmation: At Stage 2, all the Stage 2 (full) proposals will be checked by the DemoWind Joint Call Secretariat confirm that the proposals meet the following requirements:

- The deadline for submitting the proposal was met;
- The Stage 2 (outline) proposal form (Annex D) has been completed in English and the page limits have not been exceeded;
- The proposed project meets the DemoWind eligibility criteria (set out in section 5 of this Call document).
- A signed 'Declaration of own funding' has been included for any consortium partners from countries/regions which are not part of the DemoWind Joint Call (i.e. countries/regions not listed in Annex A)

National/regional eligibility confirmation: In parallel, each Stage 2 proposal will be checked by the lead Funding Organisation in all the relevant DemoWind countries/regions to confirm that the Stage 2 full proposal still complies with the national/regional eligibility criteria (Annex B) and also with any Stage 1 eligibility recommendations. No new national eligibility rules will be applied in the Stage 2 national/regional confirmation (subject to any changes in relevant national/regional legislation).

Independent evaluation of full proposals: In parallel with the eligibility checks, the full proposals will be evaluated by a panel of international independent experts, selected according to their expertise and relevant sector and technical knowledge. Each Stage 2 full proposal will be evaluated according to the 3 evaluation criteria (Annex E) by the independent experts.

Each proposal will be evaluated by a minimum of 3 independent assessors and for each proposal, one of the 3 expert assessors will be appointed as "rapporteur" and will have responsibility for drafting a consensus evaluation report for the proposal which contains the combined view of all the assessors for that proposal.

Evaluation Panel Meeting - Selection of full proposals for funding: Once the independent experts have completed their evaluation of all the Stage 2 proposals, an Evaluation Panel meeting will be held to establish a ranking list of the eligible Stage 2 proposals which will be recommended for DemoWind funding. Projects will be selected following the scoring from the ranking list.

The number of projects from the ranking list which can be supported with DemoWind funding will depend on the budget availability from the relevant Funding Organisations.

Communication of Stage 2 results: All Stage 2 applicants will receive a letter with the results of the evaluation of the full proposal. The letter will confirm whether or not the project is being offered DemoWind funding and also a copy of the consensus evaluation report.

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10. Start of Projects and Consortium Agreement

Once the DemoWind funding offers have been made to project teams, the relevant Funding Organisations will have responsibility for setting up the relevant grant arrangements directly with the project teams. The various Funding Organisations will take different times to set up the necessary grant and funding arrangements and the consortium members in successful project teams will need to jointly agree a common date for the start of the funded project. It is expected that DemoWind projects could start in November 2015.

The successful project consortia must also complete and sign a consortium agreement (CA) for cooperation on the project. The CA will underpin the consortium partners' collaboration approach, including: their rights and obligations towards one another (including the handling of default of contract); and details of how the Intellectual Property Rights are handled between the consortium partners.

Models for Consortium Agreements can be obtained from the IPR Helpdesk website (www.iprhelpdesk.eu/services).

The Consortium Agreement must be signed by all consortium partners (including those who are providing their own funding) and made available to the involved Funding Organisations. The completed Consortium Agreement must be signed before the first DemoWind project payment can be made to a project consortium.

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Annex A – DemoWind National/Regional Funding Organisations and Contacts

Country (Region)	Funding Organisation	Contact name	Email address
Belgium (Flanders)	IWT	Johan Michiels	jmi@iwt.be
Denmark	DEA	Erik Kjaer Eric Björklund	ekj@ens.dk ebj@ens.dk
Netherlands	RVO	Andre de Boer	andre.deboer@rvo.nl
Portugal	FCT	Marta Abrantes (lead contact) Anabela Isidro	Marta.abrantes@fct.pt anabela.isidro@fct.pt
Spain	CDTI	Paloma Velasco	paloma.velasco@cdti.es
UK	DECC	Sally Fenton	s.fenton@decc.gsi.gov.uk

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Annex B – National/Regional Eligibility Criteria and Funding Rules for DemoWind Funding Organisations

Please note that the total funding available for the DemoWind Joint Call projects is up to €31.6 million, made up of national/regional budgets and an EU contribution from the Horizon 2020 Framework Programme of up to €10.4 million. The national/regional budgets described in this Annex do **not** include the EU contribution.

Belgium (Flanders)

IWT (Agency for Innovation by Science and Technology) will be the funding body for the region Flanders in Belgium to fund DemoWind projects. IWT has a budget of € 1 M available to fund DemoWind projects through its program for industrial R&D projects.

Eligible partners are enterprises (SMEs or large companies) with a legal personality in Flanders, capable to exploit the project results to a sufficient extent in Flanders and hence create enough impact in the form of employment end investments. The basic funding rate is 25% for development activities and 50% for research activities and can be increased for cooperation between industrial partners and for SMEs. Further details about the IWT program for funding Industrial R&D projects can be found on http://www.iwt.be/english/funding/subsidy/industrial-projects

For evaluation of the eligibility **Flemish applicants have to submit additional information** (http://www.iwt.be/subsidies/documenten/era-annex-voor-oo-doc) and mail this to bedrijfssteun@iwt.be by the deadline of the DemoWind Outline Proposal (27 April 2015 13.00 hrs CET).

Further Information:
Before initiating a funding request for a DemoWind project, the Flemish applicants should contact IWT via
Johan Michiels, jmi@iwt.be, +32 2 432 4306
Jozef Ghijselen, jg@iwt.be, +32 2 432 4340

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Denmark

The EUDP - Energy Development and Demonstration Programme - will be the Danish national funding body to fund DemoWind projects. EUDP funding is awarded with an expectation that the projects funded will lead to market implementation of the new products and technologies developed by the project and an important objective is to ensure involvement of private investors in projects. It is important to concentrate on functionally delineated projects, with innovative and patentable technological content that is deemed technically practicable and which meets a market demand and has a well-defined customer target.

The total budget for EUDP funding in the DemoWind context will be up to 5 M € on the condition that projects are qualified to receive support. EUDP will fund projects according to the EU state aid rules which allows up to 25-40 % support to demonstration projects for large companies and up to 35-60 % for SME´s. Universities and research organisations can apply for higher rates - the actual rate will be decided case by case. The received outline for DemoWind support has to be followed by a full application in the usual EUDP format to be evaluated (national evaluation) by the EUDP Board prior to the evaluation (transnational) by the DemoWind. Only projects that the EUDP Board finds to be qualified for support will proceed to the transnational evaluation stage.

The usual EUDP funding rules and conditions in general will apply also for funding in a DemoWind context.

Further information:

http://www.ens.dk/ny-teknologi/energiteknologisk-udvikling-demonstration/sog-tilskud-eudp

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The Netherlands

Organisations involved in funding and managing DemoWind in the Netherlands:

RVO - Rijksdienst voor Ondernemend Nederland (Netherlands Enterprise Agency); TKI Wind op Zee - Topconsortium for Knowledge and Innovation Offshore Wind.

Eligible Projects:

Projects fitting the national subsidy programme from the Dutch Ministry of Economic Affairs for Offshore Wind energy are eligible for submission (WJZ / 13125043 - Title 4.5). The Netherlands has a budget of up to €5 million available for DemoWind projects.

Information about the national subsidy programme for Offshore Wind can be found at:

http://www.rvo.nl/subsidies-regelingen/wind-op-zee-rd-tse (this website provides background information);

http://www.rvo.nl/subsidies-regelingen/offici%C3%ABle-bekendmakingen-van-regelingen-tse (this website provides links to the official documents)

Further Information:

For more information on the specific modalities and submission requirements in this call, please contact Andre de Boer.

Email: andre.deboer@rvo.nl

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Portugal

The Foundation for Science and Technology (FCT) will participate in the DemoWind Call supported by FAI (Energy Efficiency and Renewable Energy Fund). The budget available will be 1M €.

Eligibility of a partner:
SMEs
Other non-industrial entities, as long as there is a Portuguese company in the same consortium

Eligibility of costs:
50% of eligible costs will be funded. Please refer to FAI regulation (www.fai.pt) and to the specific rules governing this call. If the demonstration phase takes place in Portugal, the funding of eligible costs is increased until a maximum of 70%.

Support for non-industrial entities is limited to 100.000€ and as long as a Portuguese company is also an eligible partner in the project.

Funding priorities:

- Substructure (design, materials, fabrication, industrialization);
- Turbine and platform control technologies;
- Monitoring technologies;
- Assembly, setting and docking;
- Monitoring and assessment of wind resources.

Further Information:
Please consult the information about the DemoWind Call that will be available on the Open Calls at FCT website (www.fct.pt).

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Spain

The total budget for Spain under this programme amount to about € 2,0 million on the condition that projects are qualified to receive support.

The entities eligible for CDTI's funding are companies established and carrying out R&D activities in Spain. Universities and Research Institutions can participate as subcontractors of Spanish companies.

- In addition to completing the DemoWind proposal form, Spanish applicants have to submit a separate formal application through the CDTI proposal submission system (http://www.cdti.es/) with the information related to their participation for the National Eligibility check.

- Eligible expenditure in R&D projects: Personnel, Instrument and Materials, Contractual research, Technical knowledge and Patents consulting and equivalent services intended exclusively for the research activity. Other operating expenses derived from the research project.

- Length of the project: The length of these projects may be from 12 to 36 months.

- Project budget: The minimum fundable budget is around €175,000

- Specific financial conditions could be required according to CDTI funding rules. For more information on the applicable funding rules please see: www.cdti.es

Information about the requirements, procedures and funding provided by CDTI can be found at http://www.cdti.es/

Further Information:
For further information and in order to proceed with the application, get in contact with CDTI through:
D. Alberto Bermejo at alberto.bermejo@cdti.es, Tel: 00 34 91 5815500
Or through detfsd@cdti.es

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

United Kingdom

The total UK budget for eligible projects under this programme is up to about €7 million. The UK funding organisation is the Department of Energy and Climate Change (DECC).

Eligible Organisations:
Applications are invited from UK based companies. UK Universities and Research Institutions can participate as subcontractors of UK companies.

UK applicant companies must be distinct legal entities and must provide evidence that they have the resources and finances to undertake the project. **UK applicants should submit a copy of annual accounts for the last two years to the UK DemoWind call contact (see contact details below)** – accounts are required for each UK partner in the consortium. If the latest accounts are more than 12 months old, applicants must provide management accounts. If any UK applicant has been trading for less than two years, they must submit cash flow forecasts and trading forecasts for the next two years. **This additional evidence should be submitted by UK applicants by the Stage 1 outline proposal deadline** (27 April 2015, 13:00 CEST/12:00 BST)

UK companies seeking funding to participate in a project should normally have been trading for at least 12 months and be VAT registered. Any exceptions must be discussed and agreed with DECC prior to submission of application.

UK companies with less than 5 full time employees cannot normally be supported as Coordinator for the transnational project. Any exceptions must be discussed and agreed with DECC prior to submission of the application.

Eligible Projects:
Support will be provided towards the eligible costs of UK participants within defined trans-national collaborative demonstration projects which are within the scope of the DemoWind 2015 joint call and which are expected to generate positive economic impact within the UK, for example by leading to cost reduction in future UK offshore wind deployment.

In line with the demonstration focus of the DemoWind Call, project activities are expected to fall mainly with the definition of 'experimental development' as set out in Article 2 of Commission Regulation (EU) No 651/2014 of 17 June 2014 (the General Block Exemption Regulation, GBER). Additionally, project activity which fits within the GBER definition of 'industrial research' may be included where is a clear need for it and a clear route for applying its results within the timeframe of the project.

The GBER definitions of 'experimental development' and 'industrial research' are copied below.

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'experimental development' means acquiring, combining, shaping and using existing scientific, technological, business and other relevant knowledge and skills with the aim of developing new or improved products, processes or services. This may also include, for example, activities aiming at the conceptual definition, planning and documentation of new products, processes or services. Experimental development may comprise prototyping, demonstrating, piloting, testing and validation of new or improved products, processes or services in environments representative of real life operating conditions where the primary objective is to make further technical improvements on products, processes or services that are not substantially set. This may include the development of a commercially usable prototype or pilot which is necessarily the final commercial product and which is too expensive to produce for it to be used only for demonstration and validation purposes. Experimental development does not include routine or periodic changes made to existing products, production lines, manufacturing processes, services and other operations in progress, even if those changes may represent improvements.

'industrial research' means the planned research or critical investigation aimed at the acquisition of new knowledge and skills for developing new products, processes or services or for bringing about a significant improvement in existing products, processes or services. It comprises the creation of components parts of complex systems, and may include the construction of prototypes in a laboratory environment or in an environment with simulated interfaces to existing systems as well as of pilot lines, when necessary for the industrial research and notably for generic technology validation.

Eligible Costs:
Eligible costs are those directly related to the implementation of the project and incurred by the applicant. Project costs should be incurred within the UK, but may relate to activity outside the UK where this is fully justified. For the UK applicants, costs of activity outside the UK are not expected to form a large proportion of the eligible costs.

Subcontracting should only be used where expertise does not exist within the collaborative group and it would not be cost-effective to develop in-house skills for one project. Subcontracting should not exceed 20% of total eligible costs for UK applicants, unless this can be fully justified.

Costs must fit within the definition of 'eligible costs' set out in Article 25 of Commission Regulation (EU) No 651/2014 of 17 June 2014 (the General Block Exemption Regulation).

Please contact the UK DemoWind call coordinator for further information about eligible costs if required.

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Funding rates:
Funding will be provided in the form of grant. The **maximum** allowable intervention rate depends on company size. Maximum interventions for collaborative DemoWind projects are up to **60% for Small Enterprises, up to 50% for Medium Enterprises** and up to **40% for large companies**. Applicants must demonstrate evidence of private sector funding to cover the balance of the eligible project costs. Such funding may come from a company's own resources or external private sector investors, but may not include funding attributable to any public authority or EU institution. The definitions of small and medium size companies are given by the European Commission and are defined at http://ec.europa.eu/enterprise/policies/sme/facts-figures-analysis/sme-definition/index_en.htm .

These intervention rates include an uplift of up to 15% which is only available if there are at least two independent companies involved in the collaboration, at least one of which is an SME, or if one of the companies in the consortium is based in another EU member state participating in the call.

Applicants will be required to demonstrate the need for grant and meet the EU state aid requirements on the incentive effect of aid, such as increased R&D expenditure and increased R&D jobs.

Further information:
DemoWind 2015 UK Call Contact: Sally Fenton;
Email: s.fenton@decc.gsi.gov.uk or innovation@decc.gsi.gov.uk
Phone: +44 300 068 6503
Postal address: DECC, 3 Whitehall Place, London, SW1A 2AW

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

Annex C – Stage 1 (Outline) Proposal Form

Guidance for completing the Stage 1 (Outline) Proposal form :

- Each applicant organisation (i.e. each organisation within a project consortium) must contact the relevant national/regional Funding Organisation before submission of the outline proposal.
- Use the same font and style for the whole outline proposal: **Times New Roman, 11 or 12pt, single spaced**.
- Observe the given page limits as indicated below for each section.
- Complete the form in English.
- All sections and tables must be filled in.
- The outline proposal is to be submitted by the project coordinator via the electronic online submission system only (www.demowind.eu).

Data Protection :
The content of proposals submitted to the DemoWind Call will be used by the DemoWind Funding Organisations and their nominated national/regional delivery agencies (identified in Annex B) and by the independent assessors and DemoWind Advisory Board for the purposes of assessing and evaluating DemoWind proposals and subsequently for the purpose of monitoring supported DemoWind projects.

The whole content of the proposals received under DemoWind Calls for proposals will be treated as confidential, except for the lists of applications, lists of projects selected for funding and publishable project abstracts. Proposals and evaluation statements will be stored and accessed within the secure DemoWind online Electronic Submission System.

However, applicants should be aware that information provided in response to this call for proposals may be subject to requests for publication or disclosure in accordance with regional, national or EU-wide access to information regimes. If DemoWind receives a request for disclosure of the information, the DemoWind Management Group will consider any requests in the light of the relevant exemptions or exceptions provided in the legislation, and will normally consult with the provider of the information before making any decision on release.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

GENERAL - TABLE 1		
Project title		
Project acronym		
Technology Area(s) to be addressed	**Main focus** (Please indicate one, main technology area to be addressed in the project and indicate any other areas addressed in the column to the right): ☐ 1. Turbine components ☐ 2. Floating offshore turbines ☐ 3. Foundation structures ☐ 4. Electrical networks/multi-terminal DC networks ☐ 5. Large Met-Ocean database ☐ 6. Installation and decommissioning practices ☐ 7. Operations and maintenance	Also covered: ☐ 1. Turbine components ☐ 2. Floating offshore turbines ☐ 3. Foundation structures ☐ 4. Electrical networks/multi-terminal DC networks ☐ 5. Large Met-Ocean database ☐ 6. Installation and decommissioning practices ☐ 7. Operations and maintenance

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

GENERAL - TABLE 1, CONTINUED		
Project title		
Project acronym		
Number of partners in the consortium	Small- and medium-sized enterprises (SMEs)[4]:	
	Large companies:	
	Research organisations:	
	Universities:	
	Other (please describe):	
Countries/regions represented in the consortium	☐ Belgium - Flanders ☐ Denmark ☐ Netherlands ☐ Portugal ☐ Spain ☐ United Kingdom ☐ Others, please specify* * Participants from countries other than those listed in Annex 1 of the Call Text are required to confirm that they are able to participate without DemoWind grant funding.	

[4] EU definition of an SME: headcount < 250, turnover ≤ €50 million or balance sheet total ≤ €43 million; Recommendation 2003/361/EC regarding the SME definition, see http://ec.europa.eu/enterprise/enterprise_policy/sme_definition/index_en.htm

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

<table>
<tr><th colspan="4">GENERAL - TABLE 1, CONTINUED</th></tr>
<tr><td>Project title</td><td colspan="3"></td></tr>
<tr><td>Project acronym</td><td colspan="3"></td></tr>
<tr><td rowspan="2">Duration of the project</td><td>Months in total:</td><td>Expected start (not earlier than November 2015):</td><td>Expected end
(project operations are expected to be largely completed by 31.12.2018 and all project work, including all reporting, must be completed by 30.06.2019)</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td rowspan="4">Technology readiness level (TRL)</td><td colspan="2" rowspan="4">Identify the technology readiness level (TRL) of the main technology or technologies to be addressed in the project and describe the expected TRL of the technology at the end of the project. current status of this technology (e.g. subsystem prototype has been demonstrated in a realistic environment)</td><td>TRL at the project start:</td></tr>
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</table>

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT ABSTRACT (TO BE PUBLISHED) – Describe the specific innovation objectives, needs addressed, expected results, impact and potential benefits of the proposed project. (***Length limit – 300 words maximum***) **Please note that this abstract will be <u>publically available</u>.**

PROJECT SUMMARY –The summary should include a brief description of the project objectives, key innovation and expected results, a brief summary of the work programme and the expected impact of the project (in particular market impact). (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT CONSORTIUM – TABLE 2								
Partner Number	**Country/ region**	**Name of partner organisation**	**Legal status of partner [5]**	**Company/ VAT or other registration number of partner[6]**	**Partner's key contact person for the project (name, title & position in organisation)**	**Partner postal address**	**Partner email address**	**Partner telephone number (with international dialling code)**
P1 (Co-ordinator)								
P2								
P3								
P4								
P5								
P6								
Please add further rows as necessary for additional consortium partners.								

[5] SME-Small enterprise, MED-Medium enterprise, IND-large enterprise, HE-University, RES-Research organisation, OTH-Other – please describe.
[6] The registration number can be the VAT number, company number or other unique national/regional reference number.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING – TABLE 3

Notes :

1. Please include details of the project costs and requested DemoWind funding for all the consortium partners – including partners from countries which are outside the 6 DemoWind countries.
2. Include eligible project costs only – and do not include the costs of services or facilities which are to be provided as 'in-kind' contributions by project partners.
3. Every consortium partner must incur less than 70% of the total eligible project costs.
4. At least 51% of total eligible project costs must be incurred by private sector industrial consortium partners.
5. The level of DemoWind grant funding which can be claimed by individual consortium partners will depend on the legal status of the partner and on the relevant national/regional funding rules.

Partner Number	**Country/ region**	**Name of partner organisation**	**Legal status of partner**[7]	**Estimated total eligible project costs (in €)**	**Partner's project costs as a proportion of the <u>total</u> eligible project costs (%)**	**Grant funding requested from the DemoWind Programme (where relevant) (in €)**	**Partner's grant funding request as a proportion of their eligible project costs (%)**
P1 – Co-ordinator							
P2							
P3							
P4							
P5							
P6							
Please add further rows as necessary for additional consortium partners.							
TOTALS			**Total eligible project costs:**		**Total DemoWind grant request:**		

[7] SMA-Small enterprise, MED-Medium enterprise, IND-large enterprise, HE-University, RES-Research organisation, OTH-Other – please describe.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING SOURCES - TABLE 4

Please give details of all the funding sources other than DemoWind: please name all the funding sources – this table should cover internal funding from the consortium partners as well as funding for each partner from any other external bodies. Further verification of third party funds will be required before any DemoWind funding can be allocated.

Partner	Name of partner organisation	Country	Level of funding contribution (in €) – please include cash contributions only here.	Name of the funding source	Description of the funding source
P1					
Pn					
Pn					
Pn					

Please add further rows as necessary for all consortium partners and for all separate funding sources for each partner.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

IMPACT ON COST REDUCTION Explain how the proposed technology is expected to secure cost reduction in the levelised cost of offshore wind energy. (***Page limit – 2 pages maximum***)

PROJECT CONSORTIUM Provide a brief description of how the Consortium will be organised, including a summary of the partners' expertise and their role in the consortium and in delivery of the work plan. (***Page limit – 2 pages maximum***)

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INNOVATION Describe the innovative aspects of the technology, knowledge and/or processes to be developed and demonstrated in the proposed project. Explain specifically how the proposed project will progress the technology, knowledge and/or processes beyond the current state-of-the art (scientific/technological novelty relative to current technology). (***Page limit – 2 pages maximum***)

ADDITIONALITY Outline the additionality case: what additional benefits will be secured from the use of public sector funding for the proposed project. Explain what would be done without the potential DemoWind funding. (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

Annex D – Stage 2 (Full) Proposal Form

Guidance for completing the Stage 2 (Full) Proposal form :

- Use the same font and style for the whole outline proposal : **Times New Roman, 11 or 12pt, single spaced**.
- Observe the given page limits as indicated below for each section.
- Complete the form in English.
- All sections and tables must be filled in.
- The Stage 2 proposal is to be submitted by the project coordinator via the electronic online submission system only (www.demowind.eu).

Data Protection :
The content of proposals submitted to the DemoWind Call will be used by the DemoWind Funding Organisations and their nominated national/regional delivery agencies (identified in Annex B) and by the independent assessors and DemoWind Advisory Board for the purposes of assessing and evaluating DemoWind proposals and subsequently for the purpose of monitoring supported DemoWind projects.

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GENERAL - TABLE 1		
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Project acronym		
Technology Area(s) to be addressed	**Main focus** (Please indicate one, main technology area to be addressed in the project and indicate any other areas addressed in the column to the right): ☐ 1. Turbine components ☐ 2. Floating offshore turbines ☐ 3. Foundation structures ☐ 4. Electrical networks/multi-terminal DC networks ☐ 5. Large Met-Ocean database ☐ 6. Installation and decommissioning practices ☐ 7. Operations and maintenance	Also covered: ☐ 1. Turbine components ☐ 2. Floating offshore turbines ☐ 3. Foundation structures ☐ 4. Electrical networks/multi-terminal DC networks ☐ 5. Large Met-Ocean database ☐ 6. Installation and decommissioning practices ☐ 7. Operations and maintenance

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

GENERAL - TABLE 1, CONTINUED		
Project title		
Project acronym		
Number of partners in the consortium	Small- and medium-sized enterprises (SMEs)[8]:	
	Large companies:	
	Research organisations:	
	Universities:	
	Other (please describe):	
Countries/regions represented in the consortium	☐ Belgium - Flanders ☐ Denmark ☐ Netherlands ☐ Portugal ☐ Spain ☐ United Kingdom ☐ Others, please specify* * Participants from countries other than those listed in Annex 1 of the Call Text are required to confirm that they are able to participate without DemoWind grant funding.	

[8] EU definition of an SME: headcount < 250, turnover ≤ €50 million or balance sheet total ≤ €43 million; Recommendation 2003/361/EC regarding the SME definition, see http://ec.europa.eu/enterprise/enterprise_policy/sme_definition/index_en.htm

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT ABSTRACT (TO BE PUBLISHED) – Describe the specific innovation objectives, needs addressed, expected results, impact and potential benefits of the proposed project. (***Length limit – 300 words maximum***) **Please note that this abstract will be <u>publically available</u>.**

PROJECT SUMMARY –The summary should include a brief description of the project objectives, key innovation and expected results, a brief summary of the work programme and the expected impact of the project (in particular market impact). (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT CONSORTIUM – TABLE 2								
Partner Number	**Country/ region**	**Name of partner organisation**	**Legal status of partner [9]**	**Company/ VAT or other registration number of partner[10]**	**Partner's key contact person for the project (name, title & position in organisation)**	**Partner postal address**	**Partner contact email address**	**Partner contact telephone number (with international dialling code)**
P1 (Co-ordinator)								
P2								
P3								
P4								
P5								
P6								
Please add further rows as necessary for additional consortium partners.								

[9] SME-Small enterprise, MED-Medium enterprise, IND-large enterprise, HE-University, RES-Research organisation, OTH-Other – please describe.
[10] The registration number can be the VAT number, company number or other unique national/regional reference number.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING – TABLE 3

Notes :

1. Please include details of the project costs and requested DemoWind funding for all the consortium partners – including partners from countries which are outside the 6 DemoWind countries.
2. Include eligible project costs only – and do not include the costs of services or facilities which are to be provided as 'in-kind' contributions by project partners.
3. Every consortium partner must incur less than 70% of the total eligible project costs.
4. At least 51% of total eligible project costs must be incurred by private sector industrial consortium partners.
5. The level of DemoWind grant funding which can be claimed by individual consortium partners will depend on the legal status of the partner and on the relevant national/regional funding rules.

Partner Number	**Country/ region**	**Name of partner organisation**	**Legal status of partner[11]**	**Estimated total eligible project costs (in €)**	**Partner's project costs as a proportion of the <u>total</u> eligible project costs (%)**	**Grant funding requested from the DemoWind Programme (where relevant) (in €)**	**Partner's grant funding request as a proportion of their eligible project costs (%)**
P1 – Co-ordinator							
P2							
P3							
P4							
P5							
P6							
Please add further rows as necessary for additional consortium partners.							
TOTALS			**Total eligible project costs:**		**Total DemoWind grant request:**		

[11] SMA-Small enterprise, MED-Medium enterprise, IND-large enterprise, HE-University, RES-Research organisation, OTH-Other – please describe.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING SOURCES - TABLE 4

Please give details of all the funding sources other than DemoWind: please name all the funding sources – this table should cover internal funding from the consortium partners as well as funding for each partner from any other external bodies. Further verification of third party funds will be required before any DemoWind funding can be allocated.

Partner	Name of partner organisation	Country	Level of funding contribution (in €) – please include cash contributions only here.	Name of the funding source	Description of the funding source
P1					
Pn					
Pn					
Pn					

Please add further rows as necessary for all consortium partners and for all separate funding sources for each partner.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING TIMING – TABLE 5

Notes :

1. Please include details of the annual project costs for all the consortium partners – including partners from countries which are outside the 6 DemoWind countries.
2. Include eligible project costs only – and do not include the costs of services or facilities which are to be provided as 'in-kind' contributions by project partners.
3. Please add further rows for additional partners as necessary.

Partner	**Name of partner organisation**	**Country**	**Estimated total eligible costs of implementing the project (in €)**					
			Costs 2015 [A]	**Costs 2016** [B]	**Costs 2017** [C]	**Costs 2018** [D]	**Costs 2019** [E]	**TOTAL COSTS** [A+B+C+D+E]
P1 – Co-ordinator								
P2								
P3								
P4								
P5								
P6								
		TOTAL						

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

1.1 AMBITION AND INNOVATION POTENTIAL Describe the innovative aspects of the technology, knowledge and/or processes to be developed and demonstrated in the proposed project. Describe the current state-of-the-art (with reference to published literature, patents, market studies, etc) and explain how the new technology, knowledge and/or processes to be demonstrated in the proposed project will progress the state-of-the art and will address problems in the current situation. Identify any disadvantages of the proposed new technology, knowledge and/or processes. (***Page limit – 2 pages maximum***)

1.2 CLARITY AND RELEVANCE OF THE PROJECT'S OBJECTIVES Outline the project's objectives and explain how they support the Horizon 2020 Programme topic LCE-18 – 2014: Supporting Joint Actions on demonstration and validation of innovative energy solutions. (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

1.3 TECHNOLOGY CREDIBILITY Identify the main technological problems and challenges to be addressed in the project. Outline the proposed approach to addressing these issues. (***Page limit – 2 pages maximum***)

1.4 PROJECT CREDIBILITY Describe the project's goals and expected results. Identify the main challenges and risks to delivering a successful project. (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

2.1 IMPACT ON COST REDUCTION Explain how the proposed technology is expected to secure cost reduction in the levelised cost of offshore wind energy. Give a quantitative estimate of the cost reduction expected to be secured through deployment of the technology to be developed and demonstrated in the proposed project. Provide supporting evidence to show how the cost calculations have been completed, including information on baseline costs and assumptions used. (***Page limit – 2 pages maximum – but detailed supporting cost evidence may be added in an Annex***)

2.2 BENEFITS TO THE EUROPEAN OFFSHORE WIND INDUSTRY Explain how the proposed project will develop innovation capacity and integrate new knowledge in the European offshore wind industry. (***Page limit – 2 pages maximum – but detailed supporting cost evidence may be added in an Annex***)

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2.3 FUTURE MARKET DEPLOYMENT POTENTIAL Describe the future market deployment potential – within both European and global markets – of the technology, knowledge and/or processes to be developed and demonstrated in the project. Estimate the potential market for the new technology/knowledge in Europe and worldwide? Provide evidence of the data used to calculate the potential market. Provide details and analysis of the (potential) international competitors. (***Page limit – 2 pages maximum – but detailed supporting market data evidence may be added in an Annex***)

2.4 IMPACT ON EUROPEAN COMPETITIVENESS AND GROWTH Describe the project's potential for strengthening the competitiveness and growth of European companies. (***Page limit – 2 pages maximum***)

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2.5 EXPLOITATION AND DISSEMINATION Provide: a. Dissemination plan – explaining how the results and outcome of the project work will be widely disseminated and identifying knowledge transfer opportunities and mechanisms; b. Exploitation plan - this must address Intellectual Property issues, identify target groups and include a marketing plan, and set out the steps which are expected to be taken after the proposed project to move the technology to commercial deployment. (***Page limit – 4 pages maximum***)

2.6 ENVIRONMENTAL AND SOCIAL IMPACT Identify any wider economic, social and environmental benefits which are expected to result from successful exploitation of the project results. (***Page limit – 2 pages maximum***)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

3.1 PROJECT PLAN a. Complete Tables 6, 7, 8, 9 and 10 to provide an overview of the project cost breakdown and the project work packages, milestones and deliverables. b. Provide details below of significant activities to be sub-contracted and of all major capital equipment purchases to be made in the project. c. Provide a **high level Gantt chart or spreadsheet project schedule** with details of the project timetable.
Details of sub-contracted activities and significant capital equipment purchases (more than €10,000):

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646517

PROJECT FUNDING BREAKDOWN – TABLE 6

Notes :

1. Please include details of the project costs for all the consortium partners – including partners from countries which are outside the 6 DemoWind countries.
2. Include eligible project costs only – and do not include the costs of services or facilities which are to be provided as 'in-kind' contributions by project partners.
3. Please add further rows for additional partners as necessary.

Partner	**Name of partner organisation**	**Country**		**Estimated total eligible costs of implementing the project (in €)**					
			Personnel costs (including eligible overheads[12])	**Sub-contracting [13]**	**Equipment [14]**	**Consum-ables**	**Travel**	**Other costs**	**TOTAL COSTS**
P1 – Co-ordinator									
P2									
P3									
P4									
P5									
P6									
		TOTAL							

[12] Please check national/regional funding rules to confirm which overheads are eligible.
[13] Please give brief details in section 3.1 of activities to be sub-contracted.
[14] Please give brief details in section 3.1 of all major equipment purchases (more than €10,000 cost).

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PROJECT WORK PACKAGE 1 – TABLE 7.1

Notes :

1. Please copy and complete a separate work package table for each work package.

Work Package Number:				**Start Month:**		**End Month:**		
Work Package Title								
Work Package Leader								
Contribution of Partners:								
Partner Number	1	2	3	4	5	6	Please add further columns for additional partners as necessary	
Number of person-months								
Work Package Aim and Objectives:								
Work Package Tasks:								
T1.1	Task description and participants: Describe the task activities and timing (including start and end month); identify the task leader and supporting partners and their role in the task.							
	Add further rows for additional tasks as necessary							

Deliverable:	**Delivery month:**	**Deliverable title & brief description:**
D1.1		

Milestone:	**Milestone date:**	**Milestone title and brief description**
M1.1		

Please add further rows for additional deliverables and milestones as necessary.

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SUMMARY OF WORK PACKAGES – TABLE 8					
Work package number	**Work package name**	**Lead Partner**	**Other partners involved in the work package (list all)**	**Estimated start month**	**Estimated end month**
Please add further rows for additional work packages as necessary.					

SUMMARY OF MILESTONES – TABLE 9					
Milestone number	**Milestone Name**	**Related work package(s)**	**Lead Partner**	**Estimated delivery date**	**Means of verification (evidence of milestone completion)**
Please add further rows for additional milestones as necessary.					

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SUMMARY OF DELIVERABLES - TABLE 10					
Deliverable number	**Deliverable name**	**Work package number**	**Lead Partner**	**Estimated delivery date**	**Means of verification (evidence of deliverable)**
Please add further rows for additional deliverables as necessary.					

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3.2 PROJECT AND RISK MANAGEMENT a. Describe the project management methods with regard to the complexity of the project. Describe the processes and tools to be used by all the consortium partners for communication, documentation and reviewing the project. Explain the decision-making process and controls within the consortium. b. Identify the main project risks and bottlenecks and outline the corresponding contingency plans. (***Page limit – 2 pages maximum – a separate risk management table can be added as an Annex***)

3.3 CONSORTIUM STRENGTH AND TRANS-NATIONAL VALUE a. Describe the role of each partner in the consortium; b. Describe the relevant previous experiences and expertise (last 5 years) of each partner – including technical, project management and business development capabilities – identify key project personnel for each partner; c. Outline each partner's operational capacity for delivering the project; d. Describe the complementarity of the project partners; e. Explain the need for the transnational approach to this project and outline the added value of the proposed transnational collaboration (for the consortium overall and for each partner); f. Describe any planned collaboration and/or knowledge transfer to take place between the partners after the project is completed (***Page limit – 6 pages maximum – but brief CVs (1 page each maximum) for key project personnel can be added as an Annex***)

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CONSORTIUM AGREEMENT Provide a draft copy of the Consortium Agreement or outline the principles to be set out in the Consortium Agreement – including: partners' rights and duties, conflict solving, position with regard to intellectual property rights. The completed Consortium Agreement must be signed before any DemoWind project payment can be made to a project consortium. (***Page limit – 2 pages maximum – a copy of the draft Consortium Agreement can be added as an Annex***)

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Annex E – Evaluation Criteria

Evaluation criterion:	Sub-criterion:
1. Excellence	i. **Ambition and innovation potential** – how ambitious, novel and innovative is the proposed technology, e.g. beyond the current state of the art; ii. **Clarity of the project's objectives and their relevance** to the Horizon 2020 Programme's topic LCE-18 – 2014: Supporting Joint Actions on demonstration and validation of innovative energy solutions ; iii. **Technology credibility** – how credible is the proposed new technology; iv. **Project credibility** – how credible is the proposed project approach.
2. Impact	i. **Cost reduction** – the expected contribution of the technology to reduction in the cost of offshore wind energy; ii. **Benefits to the European Offshore Wind Industry** – the expected ability of the project to enhance innovation capacity and integration of new knowledge in the European offshore wind industry; iii. **Future market deployment potential** of the proposed innovation within European and global markets; iv. **Impact on European competitiveness and growth** – the project's ability to strengthen the competitiveness and growth of European companies by developing and demonstrating innovations that meet the needs of European and global offshore wind markets; v. **Exploitation and dissemination** - Strength of the proposed project's data management, exploitation and dissemination plans (including IPR management proposals, where relevant); vi. Any other **environmentally or socially important impacts**.
3. Quality and Efficiency of Implementation	i. **Project plan** – the coherence and expected effectiveness of the project plan, including: realistic project timeline; the appropriateness of task and resource allocation; financial and operational capacity to deliver the project; ii. **Project & risk management** - strength of project management structures and governance procedures, including risk management; iii. **Consortium strength**– quality and relevant experience (technical, project management and business development) of the consortium members and the complementarity of project partners including the value of conducting a trans-national project. iv. **Transnational value** – the extent of transnational collaboration in the project and additional value gained from conducting a transnational project.

DemoWind
Delivering cost reduction in offshore wind

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