

NER 300

Template for interim communication from Member States

Pursuant to Paragraphs 99 and 121 of the Call for Proposals, Member States are herewith asked to provide answers to the questions set out below. Member States are invited to submit their interim communication to the European Commission under the NER 300 Mailbox (clima-ner300@ec.europa.eu) by 9 March 2011.

The Commission will provide copies of the communications to the European Investment Bank.

Member State:
Please provide contact details.
1. Confirmation of receipt of the Call for Proposals
Please confirm the receipt of the Call for Proposals.
2. Confirmation on the number of submitted projects (see below Annex)
Please provide information on how many projects have been submitted to the Member State by Project Sponsors for each technology Category and Subcategory by completing the table in the below Annex.
3. Information on national selection process
Please provide information if, under the national NER300 selection process, there is a maximum number of proposals which the Member State intends to submit to the EIB by 9 May 2011. Please provide details for each technology Category and Subcategory, where applicable.

Annex - Number of projects submitted by Project Sponsors (deadline: 9 February 2011)¹

CCS Categories	Number of projects submitted	Of which, Transboundary ²	Expected dates of ³ entry into operation
power generation: pre-combustion 250 MW [CCSpre]			
power generation: post combustion 250 MW [CCSpos]			
power generation: oxyfuel 250 MW [CCSoxy]			
industrial applications implementing (a) CCS on refineries with 500 kt/y stored CO ₂ from one or more sources within the refinery; (b) CCS application to cement kiln with 500 kt/y stored CO ₂ ; (c) CCS application for primary production routes in iron and steel production with 500 kt/y stored CO ₂ ; or (d) CCS application for primary production routes in aluminium production with 500 kt/y stored CO ₂ [CCSind]			
TOTAL NUMBER OF CCS PROJECTS			

¹ Member States are asked to provide information on how many projects have been submitted by Project Sponsors for each technology Category and Subcategory

² For definition of transboundary projects, please refer to Section 5.4 of the Call for Proposals.

³ For entry into operation, the following definition should be used (NER300 Application Forms Technical Glossary): All elements and systems required for operation of the project have been tested and (i) for CCS demonstration projects CO₂ has commenced injection into the storage site and (2) in the case of RES demonstration projects, electrical generation or production of heating, cooling or transport fuels (as appropriate) has commenced.

RES Categories	Number of projects submitted	Of which, transboundary	Expected dates of entry into operation
1. BIOENERGY			
Lignocellulose to intermediate solid, liquid or slurry bioenergy carriers via pyrolysis with capacity 40 kt/y of the final product [BIOa]			
Lignocellulose to intermediate solid, liquid or slurry bioenergy carriers via torrefaction with capacity 40 kt/y of the final product [BIOb]			
Lignocellulose to Synthetic Natural Gas or synthesis gas and/or to power via gasification with capacity 40 million normal cubic metres per year (MNm ³ /y) of the final product or 100 GWh/y of electricity [BIOc]			
Lignocellulose to biofuels or bioliquids and/or to power including via directly heated gasification with capacity 15 Ml/y (million litres per year) of the final product or 100 GWh/y of electricity. [BIOd]			
Lignocellulosic raw material, e.g. black liquor and /or products from pyrolysis or torrefaction, via entrained flow gasification to any biofuels with capacity 40 Ml/y of the final product. [BIOe]			
Lignocellulose to electricity with 48% efficiency based on lower heating value (50% moisture) with capacity 40 MWe or higher [BIOf]			
Lignocellulose to ethanol and higher alcohols via chemical and biological processes with capacity 40 Ml/y of the final product [BIOg]			
Lignocellulose and/or household waste to biogas, biofuels or bioliquids via chemical and biological processes with capacity 6 MNm ³ /y (million normal cubic metres per year) of Methane or 10 Ml/y (million litres per year) of the final product [BIOh]			
Algae and /or micro-organisms to biofuels or bioliquids via biological and/or chemical processes with capacity 40 Ml/y (million litres per year) of the final product. [BIOi]			
TOTAL NUMBER OF BIOENERGY PROJECTS			

RES Categories	Number of projects	Of which, transboundary	Expected dates of entry into operation
2. CONCENTRATED SOLAR POWER			
Parabolic trough or Fresnel system using molten salts or other environmentally-benign heat transfer fluid with nominal capacity 30 MW [CSPa]			
Parabolic trough or Fresnel system based on Direct Steam Generation with nominal capacity 30 MW. Direct steam solar temperature to be above 500°C [CSPb]			
Tower system using superheated steam cycle (either multi-tower or combination liner collectors – tower) with nominal capacity 50 MW [CSPc]			
Tower system using pressurised air with temperature above 750°C and solar hybrid gas turbine with nominal capacity 30 MW [CSPd]			
Large- scale Stirling dish power plants with solar to electric efficiency of over 20% and nominal capacity of at least 25 MW [CSPe]			
TOTAL NUMBER OF CONCENTRATED SOLAR POWER PROJECTS			
3. PHOTOVOLTAICS			
Large-scale concentrator photovoltaics power plants with nominal capacity 20 MW [PVa]			
Large-scale multi-junction Si-thin-film photovoltaic power plants with nominal capacity 40 MW [PVb]			
Large-scale CIGS-based photovoltaics power plants with nominal capacity 40 MW [PVc]			
TOTAL NUMBER OF PHOTOVOLTAICS PROJECTS			

RES Categories	Number of projects	Of which, transboundary	Expected dates of entry into operation
4. GEOTHERMAL			
Enhanced geothermal systems in tensional stress fields with nominal capacity 5 MWe [GEOa]			
Enhanced geothermal systems in compressional stress fields with nominal capacity 5 MWe [GEOb]			
Enhanced geothermal systems in areas with deep compact sedimentary and granite rocks and other crystalline structures with nominal capacity 5 MWe [GEOc]			
Enhanced geothermal systems in deep limestone with nominal capacity 5 MWe [GEOd]			
TOTAL NUMBER OF GEOTHERMAL PROJECTS			
5. WIND			
Off-shore wind (minimum turbines size 6 MW) with nominal capacity 40 MW [WINa]			
Off-shore wind (minimum turbines size 8 MW) with nominal capacity 40 MW [WINb]			
Off-shore wind (minimum turbines size 10 MW) with nominal capacity 40 MW [WINc]			
Floating off-shore wind systems with nominal capacity 25 MW [WIND]			
On-shore wind turbines optimised for complex terrains (such as forested terrains or mountainous areas): with nominal capacity 25 MW [WINE]			
On-shore wind turbines optimised for cold climates (compatible with temperature lower than – 30 °C and severe icing conditions) with nominal capacity 25MW [WINf]			
TOTAL NUMBER OF WIND PROJECTS			

RES Categories	Number of projects	Of which, transboundary	Expected dates of entry into operation
6. OCEAN			
Wave energy devices with nominal capacity 5 MW [OCNa]			
Marine/tidal currents energy devices with nominal capacity 5 MW [OCNb]			
Ocean thermal energy conversion (OTEC) with nominal capacity 10 MW [OCNc]			
TOTAL NUMBER OF OCEAN PROJECTS			
7. HYDROPOWER			
Power generation with High Temperature Superconducting Generators: 20 MW [HYD]			
TOTAL NUMBER OF HYDROPOWER PROJECTS			
8. DISTRIBUTED RENEWABLE MANAGEMENT			
Renewable energy management and optimisation for small and medium-scale Distributed Generators in rural environment with predominant solar generation: 20 MW on Low Voltage (LV) network + 50 MW on Medium Voltage (MV) network. [DRMa]			
Renewable energy management and optimisation for small and medium-scale Distributed Generators in rural environment with predominant wind generation: 20 MW on LV network + 50 MW on MV network. [DRMb]			
Renewable energy management and optimisation for small and medium-scale Distributed Generators in urban environment: 20 MW on LV network + 50 MW on MV network. [DRMc]			
TOTAL NUMBER OF DISTRIBUTED RENEWABLE MANAGEMENT PROJECTS			
TOTAL NUMBER OF RES PROJECTS			