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iea wind

IEA Wind is one of the 42 Implementing Agreements under IEA Organization for Economic Co-operation and Development (OECD). It is attached to the Renewable Energy Working Party (REWP).

The international Energy Agency Implementing Agreement (IA) on Research, Development and Deployment on Wind Energy Systems is the actual designation of the two Implementing Agreements on wind energy conversion systems created within IEA between 1977 and 1978 and celebrated 25 years of international research cooperation in 2003.

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Mission:

"The Wind Implementing Agreement's mission is to stimulate co-operation on wind energy research and development and to provide high quality information and analysis to member governments and commercial sector leaders by addressing technology development and deployment and its benefits, markets, and policy instruments."

The IEA Wind agreement is a vehicle for member countries to exchange information on the planning and execution of national large-scale wind energy deployment programs and to undertake co-operative (R&D) projects (Tasks)

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IEA Wind has broad membership

OECD Participating Countries:

Europe:

Austria, Denmark, Finland, Germany, Greece, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, the United Kingdom, and the European Commission

North America:

Canada, Mexico, and the United States

Asia and Pacific:

Australia, Japan, and South Korea

International Organizations (sponsors):

EWEA – European Wind Energy Association

CWEA – Chinese Wind Energy Association

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– **TASKS:**

- – 11 Base Technology Information Exchange
- – 19 Wind Energy in Cold Climate
- – 23 Offshore wind energy technology and deployment
- – 25 Design and Operation of Power Systems with Large Amounts of Wind Power
- – 26 Cost of Wind Energy
- – 27 Consumer Labelling of Small Wind Turbines
- – 28 Social Acceptance of Wind Energy Projects
- – 29 MexNex(T): Analysis of wind tunnel measurements and improvement of aerodynamic models
- – 30 Offshore Code Collaboration Continuation – OC4
- – 31 WAKEBENCH: Benchmarking of wind farm flow models

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