



**fowind**  
FACILITATING OFFSHORE  
WIND IN INDIA

# FACILITATING OFFSHORE WIND IN INDIA

FOWIND is a four-year project to develop  
a roadmap for offshore wind in India



The EU Delegation to India, in close cooperation with the Indian Ministry of New and Renewable Energy, has awarded a €4 million grant to a GWEC led consortium under the Indo-European Cooperation on Renewable Energy programme.

The FOWIND project seeks to facilitate India's transition towards low carbon development by supporting implementation of national policies and programmes for offshore wind.

FOWIND is a four-year project to develop a roadmap for offshore wind development in India, with a focus on the states of Gujarat and Tamil Nadu. Its output will be supported by preliminary resource assessments to identify potential areas for offshore development along the coasts of the States of Gujarat and Tamil Nadu.

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## FOWIND OBJECTIVES

The specific objectives of the project are

- to **create an enabling environment** for offshore wind through **preliminary resource mapping, policy guidance** and capacity building measures
- to **assess the infrastructure base** and identify improvements required
- to **build partnerships** at a technical, policy and research level both within India and between India and European companies, research groups and institutions
- finally to develop an **Offshore Wind Outlook and development pathway** for India up to 2032

## WHAT'S HAPPENING IN INDIA

India was the 4<sup>th</sup> largest wind power market in 2013. It is the 5<sup>th</sup> largest onshore market cumulatively with a total installed capacity of over 20 GW at the end of last year. It has a coastline of nearly 7,500 kms, with relatively shallow waters (within 12 nautical miles of the coast) near to shore in most parts. The country's power demand is set to grow rapidly in the next decade and large-scale clean power generation alternatives are needed.

The Ministry of New and Renewable Energy put forth a draft offshore wind policy in 2012. The Ministry intends to adopt a formal offshore wind policy for the country in the near future.

Preliminary assessments in India suggest offshore prospects along the coastline of the states of Tamil Nadu, Gujarat, Maharashtra, Kerala, Karnataka and Goa.



Under the FOWIND project, GWEC will work with its Indian partners in order that they may learn as much as possible from the European experience to ensure that when India ventures offshore it does so in the most effective way possible; helping to lower the financial and regulatory risks for investors in offshore wind projects, as and when they come up in India.



*Map of India, with Gujarat and Tamil Nadu*



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## ABOUT THE PROJECT PARTNERS



### **Global Wind Energy Council** (Brussels)

is the international trade association for the wind power industry. The members of GWEC represent over 1,500 companies, organisations and institutions in more than 70 countries. [www.gwec.net](http://www.gwec.net)



### **Center for Study of Science, Technology and Policy** (Bangalore, India)

is one of the largest think tanks in South Asia; its vision is to enrich the nation with technology-enabled policy options for equitable growth. [www.cstep.in](http://www.cstep.in)



### **DNV GL** DNV GL is the world's largest provider

of independent renewable energy advice. The recognized authority in onshore wind energy, DNV GL is also at the forefront of the offshore wind, wave, tidal and solar sectors. [www.dnvgl.com](http://www.dnvgl.com)



### **Gujarat Power Corporation Limited**

(Gandhinagar, India) has been playing the role of developer and catalyzer in the energy sector in the state of Gujarat. GPCL is increasing its involvement in power projects in the renewable sector, as the State of Gujarat is concerned about the issues of pollution and global warming. [www.gpclindia.com](http://www.gpclindia.com)



### **World Institute of Sustainable Energy**

(Pune, India) is a not-for-profit institute committed to the cause of promoting sustainable energy and sustainable development, with specific emphasis on issues related to renewable energy, energy security, and climate change. [www.wisein.org](http://www.wisein.org)

## CONTACT

[www.fowind.in](http://www.fowind.in) (to be launched in March 2014)

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