

# INVITATION

## Indian Wind Turbine Manufacturer Visit to Denmark

**Dear member of the Danish Wind Industry Association**

In association with the Danish Trade Commission the Danish Wind Industry Association is bringing a delegation of Indian Wind Turbine Manufactures to Denmark.

*Dates:* Tuesday 24 to 26 November 2009

*Venues:* Midtjylland and Sjælland – a specific program will follow

The overall purpose of the three day visit is to facilitate sale and cooperation between Indian wind turbine manufacturers and Danish suppliers of knowledge and technology.

As a participant you will have a perfect opportunity to engage in discussions with each of the Indian companies on a one-to-one basis as well as to strengthen your Indian network. Bilateral meetings will take place at different locations around Denmark.

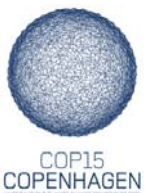
Participation costs 14,500 DKK, and is limited to max. 16 Danish companies on a first-come, first-served basis. Please see the tentative program on the following pages.

Starting Monday 2 November the Trade Council will contact recipients of this invitation, but if you want to secure your participation, please reply ASAP to Ricki Toftelund Larsen at [riclar@um.dk](mailto:riclar@um.dk).

*Best Regards*

Jakob Lau Holst  
Chief Operating Officer  
[jh@windpower.org](mailto:jh@windpower.org)

Ricki Toftelund Larsen  
Trade Commissioner  
[riclar@um.dk](mailto:riclar@um.dk)



# PROGRAM

## *Tentative program*

*Date:* Tuesday 24<sup>th</sup> Nov. Midt Jylland

- *Round Table Debate: The Future Supply Chain*
- *Company presentations & Bilateral meetings*
- *Networking Dinner hosted by ??*

*Wednesday 25<sup>th</sup> Nov. Midt Jylland*

- *Two Factory Visits in Midtjylland*
- *Company presentations & Bilateral meetings*
- *Networking Dinner hosted by ??*

*Thursday 26<sup>th</sup> Nov. Sjælland/København*

- *Company presentations & Bilateral meetings*
- *Visit to Middelgrunden Offshore Wind Farm*

*Venue:* Venues will follow.

# PARTICIPANTS

## WTG Companies

### **Winwind Power Energy Private Limited**

Sterling Towers  
#327 Anna Salai,  
Teynampet  
600006 Chennai  
Tamil Nadu, India

Web: [www.winwind.in](http://www.winwind.in)

**WinWind** was founded in 2000 by acquisition of controlling stakes by the Indian company Sterling Infotech group in WinWind Oy of Finland. WinWind Oy is a technology leader in engaged in design & manufacture of 1Mw & 3Mw WTG's.

WinWind Power Energy Private Limited a 100% subsidiary of WinWindOy has set up its state of the art factory near Chennai; this facility has enough installed capacity to cater to the Indian market and the international market.

The facility houses the assembly unit for the 1 MW and the 3 MW turbines. The facility also houses the blade production facility of the 1 MW and the 3 MW turbines. The blade design is based on a Polish co Euro's technology.

They are targeting about 75 Nos of 1Mw machines for the period ending 31st March 2010.

### **RRB Energy Ltd.**

17, Vembuliamman Koil  
Street  
K.K. Nagar (West)  
Chennai - 600 078, Tamil  
Nadu  
India

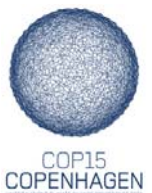
Web: [www.rrbenergy.com](http://www.rrbenergy.com)

**RRB Energy Ltd.** was incorporated in 1987. The company provides turnkey solutions in the area of developing wind energy for power generation. The offers span from concept to commissioning and thereby includes site selection, micrositing, preparation of project report, project engineering, erection, commissioning and after sales service. The company is certified with ISO 9001:2000 & ISO 14001:2004 from DNV. RRB Energy Ltd. also has manufactured wind turbines in their facility in Chennai since early 1990. The different ranges of Wind are as follows: V27-225 KW, V39-500KW, and PS-600KW.

Currently RRB Energy has installed around 250 units. The company has wind farms in the state of Tamil Nadu. In early 2008 the company has also added a blade and WEG Controller manufacturing facility to its fold. They are now in the process of designing a 1.8MW machine using internal resources. This machine will have tubular towers. The machine is scheduled for

a commercial launch in April 2010.

In the current year they have exported 16 units of 600kw machines to the USA. These machines use tubular towers.



# PARTICIPANTS

## WTG Companies

**Kenersys India Pvt Ltd**  
Mutha Chambers  
IBM Daksh Building  
Don Bosco Road; Opp Don  
Bosco School  
Yerwada P  
Pune – 411006

Web: [www.kenersys.com](http://www.kenersys.com)

**Kenersys** is part of the Kalyani Group which is one of the leading industrial house in India, having diverse business interests in Engineering Steel, Forgings, Auto Components, and Non-Conventional Energy & Specialty Chemicals. Kalyani Group companies are already a component supplier and service provider in the wind energy sector. The kalyani group has a turnover of 2.1 billion USD.

In 2007 Kalyani group acquired a German design and consulting company RSB Consult Gmbh to design and manufacture wind turbine generators & thus Kenersys was established to cater to the global markets for wind turbine products and related services. The company has its hi-tech wind turbine design facility in Germany (Kenersys GmbH).

As of now Kenersys will operate with two entities for manufacturing, assembling, marketing and servicing wind turbines one in Germany and one in India (Kenersys Europe GmbH and Kenersys India Private Limited respectively).

The company will manufacture the 2MW machine for the Indian market in its factory 100 kms from Pune. The 2.5 MW machines for the European market will be produced in Germany. All structural parts are planned to be sourced from India, whereas design will take place in Germany. Blades are to be sourced from LM. By the end of 2009 they expect to install 6 nos of 2Mw machines in India while they expect 20 nos. in Europe.

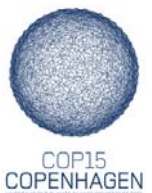
**Regen Powertech  
Private Limited**  
28, College Road,  
Chennai - 600 006  
India

Web:  
[www.regenpowertech.com](http://www.regenpowertech.com)

**Regen Powertech** is promoted by entrepreneurs of who have vast experience in Wind Energy Field. Mr Prabhakar Rao heads a successful business group and owns a wind farm of 55MW while Mr Madhusudan Khemka has been instrumental in creating a market for wind energy in India having sold over 100 units. They offer total turnkey solutions for wind power projects, which include consultancy, manufacturing, supply, erection, commissioning, operations and maintenance services of wind turbines.

ReGen Powertech is supported by Indivision India Partners (a private equity fund) as an equity partner in the venture. Regen Powertech has a state-of-the-art manufacturing facility near Tada in Andhra Pradesh. It is a fully integrated one where some of the wind turbine components will be manufactured. The facility sprawls over 55300 square Mt of area... Regen has technical licensing agreement with the German company Vensys Energy AG to

manufacture the turbines under license in India. Currently they manufacture two models Vensys 70 & Vensys 77 both of which are rated for 1.5 MW. The company has sold 16 machines in the financial year ending 31st March 09. The company expects to sell 60 machines in the financial year 09-10.



Trade Commission of Denmark, 16/1 Vittal Mallya Road, Bangalore 560 001/  
Phone: +91 80 2227 7174/75 – Fax: +91 80 2227 7176

# PARTICIPANTS

## WTG Companies

### Inox Wind Ltd.

INOX Towers, 17  
Sector 16A  
NOIDA 201301 UP  
India

Web: [www.inoxwind.com](http://www.inoxwind.com)

**Inox Wind Ltd** is a new addition to the Inox Group of companies. The Inox Group is a USD 2 billion family owned, professionally managed, business group with interests in an array of diverse industries, including the wind energy sector.

Inox Wind Ltd has already setup wind farms of approximately 50 MW capacity in Maharashtra and Rajasthan, and is planning to develop a total of 2000 MW capacity by 2012. Additionally,

American Superconductor Corporation (AMSC) has recently granted Inox Wind Ltd the license to manufacture their 2 MW double-fed induction wind turbine. Their WTG and Nacelle production plant is located at Himechal Pradesh, while a blade and tower factory is scheduled to be ready by April 2010 in the state of Gujarat. These plants will initially cater to

in-house demand towards setting up wind farms of 2000 MW in the next few years.

### GE Energy

GE India Technology  
Centre Pvt. Ltd.  
Plot #122, Export  
Promotion Industrial Park  
Phase 2, Hoodi Village,  
Whitefield Road  
Bangalore - 560 066, India

Web: [www.gepower.com](http://www.gepower.com)

(still to be confirmed)

**GE Energy** is part of the giant GE group with a large presence in India. The company participates in a wide range of services & technology business in India. GE is one of the world's leading wind turbine suppliers with over 10,000 worldwide wind turbine installations comprising more than 15,000 MW of capacity.

With wind manufacturing and assembly facilities in Germany, Spain, China, Canada and the United States, their current product portfolio includes wind turbines with rated capacities ranging from 1.5 to 3.6 megawatts

GE will be setting up it's first wind turbine manufacturing plant in the south of India. The production would start in the second half of 2010 with GE's 1.5XL model of turbine.

Currently in India they have a sourcing office which looks after developing vendors for their requirement.

