



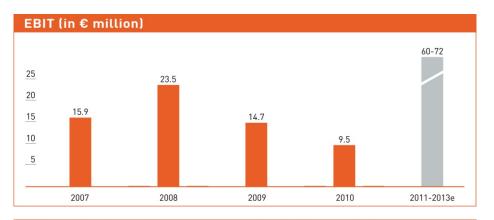
### Agenda



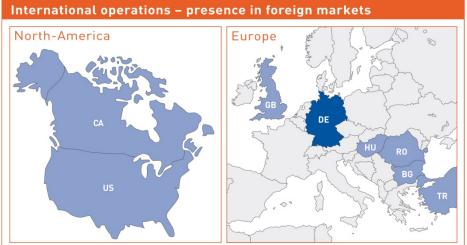
### **1. PNE WIND AG at a glance**

- 2. Business model
- 3. Market and strategy
- 4. Financials
- 5. PNE WIND AG share
- 6. Investment highlights





**Overview** 



- Development and implementation of wind farm projects in Germany and abroad, both onshore and offshore
- Core competence: development, project planning, implementation and financing of wind farms
- Sale of wind farms with after-sales technical and commercial support service
- Company based in Cuxhaven,
  175 employees as at September 30, 2011
- Cumulative EBIT guidance at least € 60 to 72 million for fiscal years 2011 to 2013

### PNE WIND Passion for Energy



Management

Martin Billhardt Chief Executive Officer (CEO)

- Industry experience since 1995
- CEO since June 2008
- Areas of responsibility: strategy, investor relations, acquisitions, sales, human resources, legal affairs, investment



Jörg Klowat Chief Financial Officer (CFO)

- Working for PNE WIND AG since 1999
- CFO since April 2011
- Areas of responsibility: finance and accounting, controlling, risk management



Markus Lesser Chief Operating Officer (COO)

- Over 10 years experience in the Renewable Energy project planning industry
- COO since May 2011
- Areas of responsibility: project development and wind farm implementation onshore and offshore

References





- Since foundation in 1995 development of onshore wind farms
- Approvals granted for four offshore projects
- Reference list: 97 wind farms
- 563 wind turbines (WT) with a total output of 804 MW installed
- PNE WIND AG is therefore one of the most experienced wind farm developers

#### **Installed wind farms**





- Extensive know-how upon site acquisition, wind analysis and erection of wind farms all over Germany
- Long-term partner for wind farm operators with comprehensive network to decision makers
- Trustful cooperation with leading manufacturers such as Siemens, Vestas, Nordex and Enercon

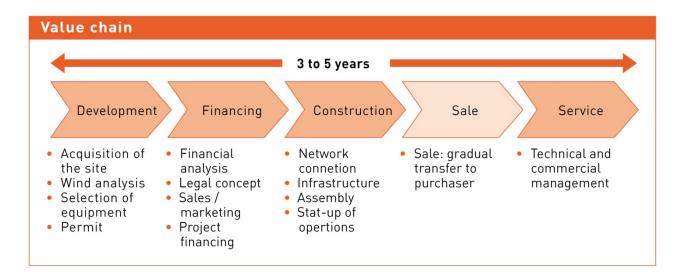
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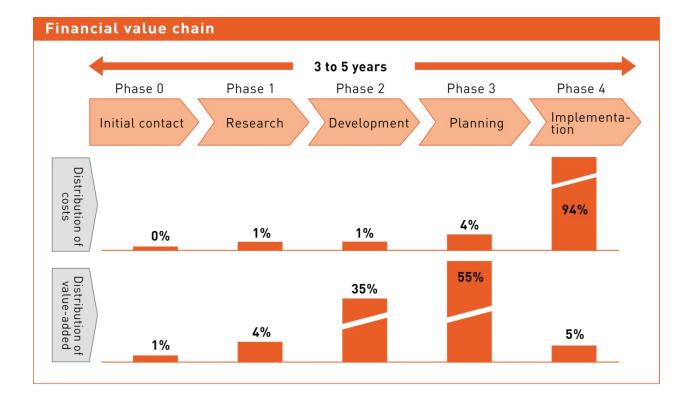
#### Value chain





- Development, financing and construction of wind farms through to commissioning
- Criteria for wind farm development: Wind in m/sec, probability of approval, assured grid connection
- After completion: complete handover to buyer
- After-sales support service ensures customer retention and guarantees recurring revenues

**Financial value chain** 





- PNE WIND AG generates value especially ahead of implementation phase
- When selling the project right after obtaining approval: attractive returns combined with low revenues and very limited capital requirements
- When selling wind farms after completion: attractive returns and high revenues, but yet much higher capital requirements
- Project business: successive invoicing after construction progress (milestone payments)

### **Project pipeline**



Projects	As at December 31, 2011
Onshore projects realized since founding 804 MW	
Under development Germany - onshore >1,100 MW	
Under development Germany - offshore /3,2	14 MW
Under development international projects	3,725 MW
0 MW 300 MW 600 MW 900 MW 1,200 MW	3,900 MW

#### Onshore

 National and international total of around 4,800 MW under development

#### Offshore

- Projects with total of 3,214 MW currently under development
- Approvals have been granted for four offshore wind farms
- Offshore business is growth driver of the future

**Current onshore projects – Germany** 

#### **Onshore projects – Germany**

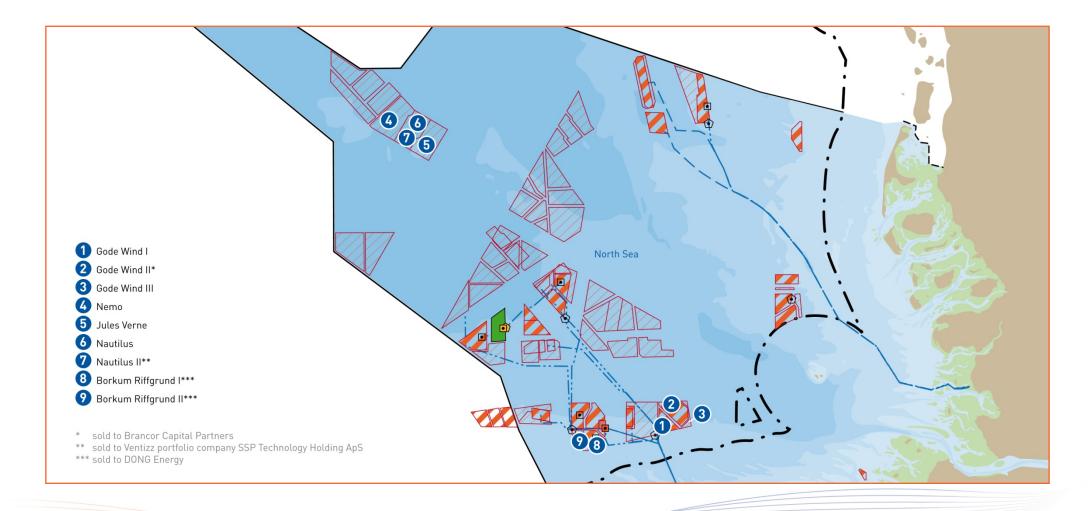
- Overall above 1,100 MW under development as at September 30, 2011
- Wind farm "Kemberg II" with 10 MW under construction
- Construction approval for two wind farms with a nominal output of 14 MW obtained
- Additional approvals for construction of onshore wind farms in Germany are expected on short notice





**Current offshore projects – Germany** 







**Current offshore projects – Germany** 

### **Offshore projects – Germany**

Project	Phase	Location	WT up to	Total MW (up to)	Nominal capacity per turbine
Gode Wind I	4	North Sea	77 Vestas	231	3.0 MW
Gode Wind II *	4	North Sea	84 Vestas	252	3.0 MW
Gode Wind III	1	North Sea	15 Vestas	105	7.0 MW**
Nemo	2	North Sea	80	480	6.0 MW**
Jules Vernes	2	North Sea	80	480	6.0 MW**
Nautilus I	2	North Sea	80	480	6.0 MW**
Nautilus II *	2	North Sea	80	560	7,0 MW**
Borkum Riffgrund I *	4	North Sea	77 Siemens	277	3.6 MW
Borkum Riffgrund II *	4	North Sea	97 Siemens	349	3.6 MW
Total:			670	3,214	
Phase 1 = Project identification phase		Phase 3 = Hear	ring held		
Phase 2 = Application conference held Phase 4 = Approval granted					

\* PNE WIND AG acts as service provider

\*\* expected



**Current offshore projects – Germany** 

### Gode Wind I

- Approval granted
- Project status: Further technical development
- Vestas: wind turbine supplier
- PNE WIND: Components, transformer station, park design, financing strategy

### Gode Wind III

- Project identification phase
- Up to 15 wind turbines possible
- Reference area for new Vestas offshore turbine (expected: 7 MW)

**Current offshore projects – Germany** 

### **Gode Wind II**

- Sales agreement with Brancor Capital Partners / Requirement: Payment of two installments during first quarter 2012
- PNE WIND AG acting as service provider
- "Gode Wind II" will be jointly developed
- Approval granted
- Supply contract for 84 Vestas type V112 wind energy systems
- Preliminary contracts for the supply of 84 monopile foundations, the internal wind farm cabling and the wind farm's transformer station
- Grid connection secured by TenneT
- PNE WIND AG expects further milestone payments regarding this project depending on the projects' progress





Offshore wind farm

**Current offshore projects – Germany** 

### Borkum Riffgrund I + II

- PNE WIND AG acting as service provider for DONG Energy
- Start of construction of "Riffgrund I" expected in 2013
- "Riffgrund II" will be jointly developed
- PNE WIND AG expects further milestone payments depending on the projects' progress as well as current remuneration for provided services





Offshore wind farm

**Current offshore projects – Germany** 

#### Nautilus II

- Project sold to Ventizz portfolio company SSP Technology Holding ApS
- PNE WIND AG acting as service provider
- "Nautilus II" will be jointly developed
- PNE WIND AG expects further milestone payments regarding this project depending on the projects' progress





Offshore wind farm

**Current projects – international** 

### **Onshore projects – international**

No.	Country	Number of projects	Area already secured (in ha)	MW up to
1	USA	24	5,671	1,835
2	Canada	7	7,857	525
3	UK	14	5,172	408
4	Turkey	3		204
5	Hungary	2	477	84
6	Romania	3	333	244
7	Bulgaria	9	966	425
Total:		62	20,476	3,725

PNE WND Passion for Energy

### Investment criteria:

- Country credit rating
- Attractive, reliable feed-in system
- Local JV-partner

**Current projects – international** 



#### **Onshore projects – international**

- USA
- Foundation of US subsidiary PNE WIND USA, Inc. in October 2008 (based in Chicago)
- Progress in the development of wind farms in Belle Fourche (South Dakota); project with 20 MW planned and Austin (Minnesota), project with 30 MW planned
- Further development of plans for 30 MW wind farm in Johnson County (lowa)
- Already area of approx. 5,671 ha secured and 1,835 MW under development
- Objective: medium-term development of further wind farm projects with up to 1,140 MW

**Current projects – international** 



#### **Onshore projects – international**

UK UK

- PNE WIND UK founded as Joint Venture with New Energy Developments Limited (PNE WIND AG holds a majority interest of 67.5%)
- Opening of new office in Edinburgh, Scotland
- Appointed as a preferred development partner to the Forestry Commission Scotland
- Wind farm sites on the National Forest Estate in Argyll and Bute, West Dunbartonshire, Stirling, Perth and Kinross as well as Angus with potential of 100-200 MW
- Development and implementation of wind farm projects for up to 408 MW with an area of approx.
   5,172 ha already secured

**Current projects – international** 

### **Onshore projects – Southeast Europe**

- 📕 Hu
  - Hungary
- PNE WIND AG holds 100% of interests in Hungarian company
- First success: Wind farm with 18 wind power plants and 36 MW approved in May 2011
- 2 wind farm projects for implementation by 2012/2013 with up to 84 MW total output planned
- Already area of approx. 477 ha secured



#### Bulgaria

- Joint Venture with several partners
- Already area of approx. 966 ha secured

### Romania

- Joint venture with local partner in Bucharest
- Already area of approx. 333 ha secured

### C• Turkey

- Cooperation with Türkwind Energie Ltd.
- Development and realization of wind park projects of up to 204 MW planned

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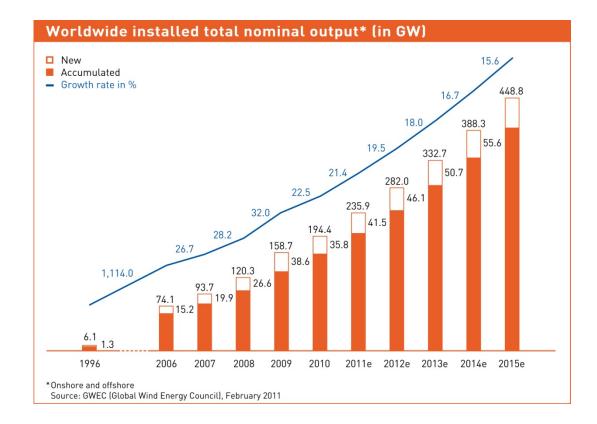
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**Global development of wind power** 

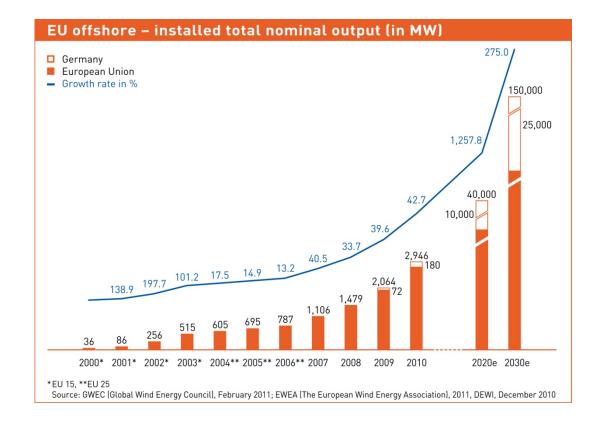




- Increased international demand for renewable energy is based on:
  - Growing population = Increasing demand for energy
  - Scarcity of fossil fuels
  - Prevention of CO<sub>2</sub> emissions
  - Security of supply
- Wind energy is the most technologically advanced of these and the most economically efficient technology
- Double-digit growth rates forecasted until 2015 (CAGR 2010-2015: 18.2%)

**Offshore Europe and Germany** 





- Offshore wind energy as a key growth driver for national and international wind energy markets
- 40,000 MW installed wind power capacity by 2020 as a target to achieve climate objectives of the EU
- Objective of the German Federal Government: installed offshore capacity of 25,000 MW by the year 2030

Wind power in Germany: Status quo and forecast



### **Energy Concept 2050**

- The German Federal Government adopted the "Energy Concept 2050" in September 2010
- Key points of the Energy Concept:
  - 1. Promotion of offshore wind energy by special credit program with a volume of €5 billion
  - 2. Identification of additional sites to be designated for onshore wind farm construction and operation
  - 3. The expansion of onshore wind through adopting more favourable terms for extending the lives of existing wind farms (repowering):
    - Essential factor for the further development of wind energy
    - By the end of 2010, 779 old plants with 331 MW capacity were removed and replaced with 431 modern units with a total nominal output of 896 MW, in the first half year 2010 an additional 13 modern plants were installed with a total output of 42 MW
    - For repowering experts predict a potential total installed capacity of around 30,990 MW by 2020

Source: BMU (Energy Concept 2050); DEWI, 2011; KPMG study, 2009

**Growth strategy PNE WIND AG** 





- Growth through development of new markets and new projects
- Expansion abroad into selected countries with a basic legal framework in place (comparable with the EEG) and attractive prospects
- Consistent exploitation of market opportunities in all areas of wind power

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Langwedel wind farm

## Financials

**Key performance indicators** 

#### Q1-Q3 2011

in €million	Jan. 1 to Sep. 30, 2011	Jan. 1 to Sep. 30,  2010
Revenue	33.1	56.2
Total operating revenue	36.3	69.4
Cost of materials	-18.1	-43.0
Personnel expenses	-8.7	-7.2
Other	-6.4	-7.7
EBIT	-0.7	7.9
Interest income	0.8	0.2
Interest and similar expenses	-4.6	-4.0
EBT	-4.5	4.2
Net income	-4.0	4.3
EPS (in €)	-0.09	0.09

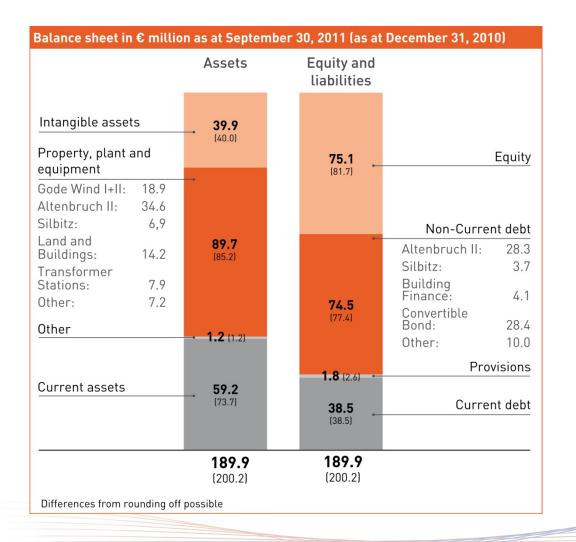


- EBIT slightly negative due to upfront costs for wind farm projects onshore and offshore in Germany and abroad
- Cost of materials strongly reduced due to lower number of installed wind farms
- Personnel expenses increased due to higher headcount (175 employees)
- Revenues fluctuate in accordance with project implementation
- Onshore and offshore projects are expected to positively contribute to EBIT in short and mid-term

# Financials

### Key balance sheet ratios





- Intangible assets of € 39.9 million mainly consist of company value for the segment wind farm projecting and project rights from the first consolidation of PNE Gode Wind I GmbH
- Equity ratio of about 40% and strong cash position (€26.8 million) form solid foundation for further growth and internationalization

# Financials

**Cash flow** 

### Q1-Q3 2011

in €million	Jan. 1 to Sep. 30, 2011	Jan. 1 to Sep. 30, 2010
Consolidated net loss/income for the period	-4.7	4.1
Amortization/Depreciation	3.8	3.7
ΔProvisions	-0.8	-0.5
∆ Non-cash expenses/income	-0.1	-10.7
$\Delta$ Working capital	4.5	-5.0
Cash flow from operating activities	2.8	-8.4
Cash flow from investing activities	-8.2	-12.8
Cash flow from financing activities	-7.0	22.8
Cash and cash equivalents – end of period	26.8	43.2



- Cash flow from operating activities positively influenced through milestone payment of "Borkum Riffgrund I"
- Strong fluctuation in working capital is typical for wind farm developers, it varies in relation to project realization and handover of a completed wind farm
- Investments in further development of offshore projects were financed from PNE WIND's own funds
- Cash flow from financing activities includes credit redemption as well as dividend payments
- Cash and cash equivalents remain high

### Financials Forecast



### **Financials**

- In the short and medium term, significant income from offshore projects affecting EBIT positively
- Cumulative EBIT of at least € 60 to 72 million expected for fiscal years 2011 to 2013

### Operative

- Further operational improvement planned in coming years due to extensive pipeline
- Onshore outlook: National and international medium term target of 10,000 MW
- Offshore outlook: medium term target 5,000 MW



Buchholz wind farm

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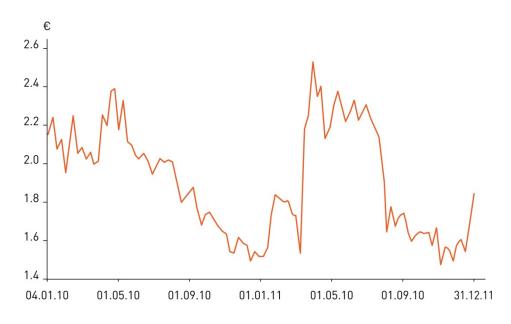
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### PNE WIND AG share

Price and key data



### **Price performance since Jan. 4, 2010**



### **PNE WIND AG is the largest listed** wind-farm developer in Germany

### Key data (as at December 30, 2011)

WKN (German Securities Code Number)	AOJBPG
ISIN	DE000A0JBPG2
Number of shares	45,777,960
Market capitalization	€84.7 million
Free float	100%
Market segment	Prime Standard
Indices	HDax, Mid-Cap-Market- Index, CDAX Technology, ÖkoDAX
Designated Sponsors/ Market Maker	Commerzbank VEM Aktienbank Close Brother Seydler Bank
Reuters	PNEGn
Bloomberg	PNE3

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### **Investment Highlights**



- Successful project developer of wind farms onshore and offshore, nationally and internationally
- Attractive growth opportunity through strong starting position taken in the repowering sector as well as excellent positioning in the offshore sector
- Exclusive partnership with Vestas to realize three offshore wind farms
- Increased expansion of international business activities, particularly in Eastern Europe, the UK and North America
- Preferred development partner to the Forestry Commission Scotland for the development of wind power schemes in Central Scotland
- Cumulative EBIT of at least €60 to 72 million expected for fiscal years 2011 to 2013

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