



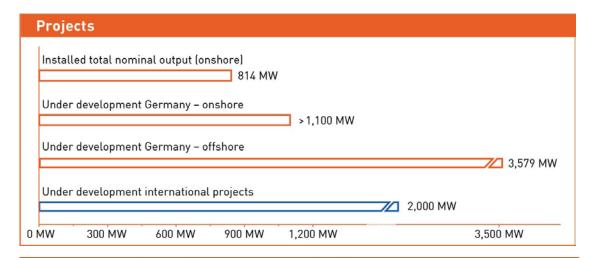
# Agenda





#### **Overview**





International operations - presence in foreign markets North-America Europe

- Development and implementation of wind farm projects in Germany and abroad, both onshore and offshore
- Onshore: 568 wind turbines in 98 wind farms with a nominal capacity of 814 MW installed\*
- Offshore: 9 projects with a total nominal capacity of 3,579 MW in development of which 6 projects are already sold\*\*
- PNE WIND AG provides commercial and technical service management to approx. 250 wind turbines\*
- Headquartered in Cuxhaven, 192 employees in the group\*

<sup>\*</sup> As of 31.12.12

<sup>\*\*</sup> GW III project rights to be transferred after issuance of BSH permit

#### 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

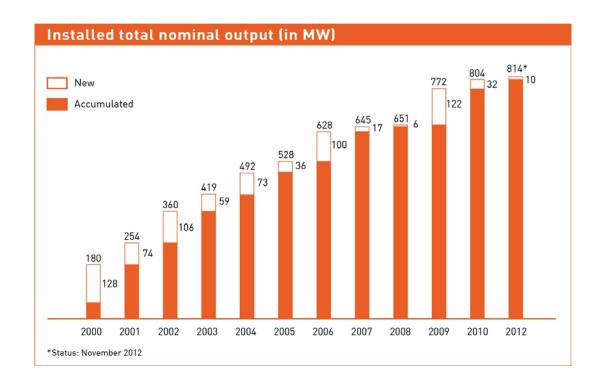


Markus Lesser **Chief Operating** Officer (COO)

- 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

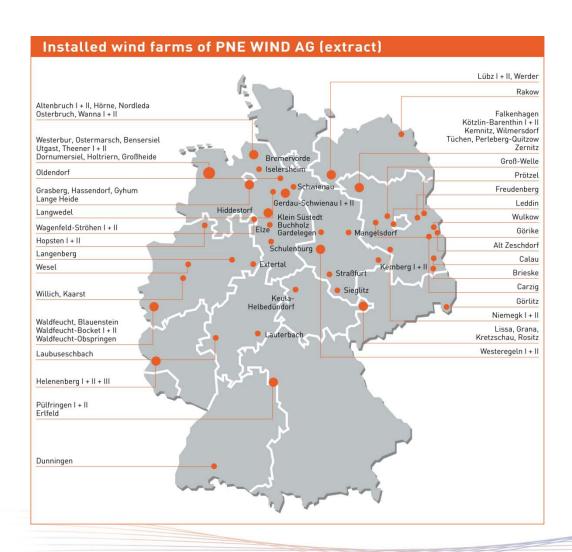




- Since foundation in 1995 development of onshore wind farms
- Offshore: Approvals granted for four projects
- Reference list onshore: 98 wind farms
- 568 wind turbines (WT) with a total output of 814 MW installed
- PNE WIND AG is therefore one of the most experienced wind farm developers

#### Installed wind farms

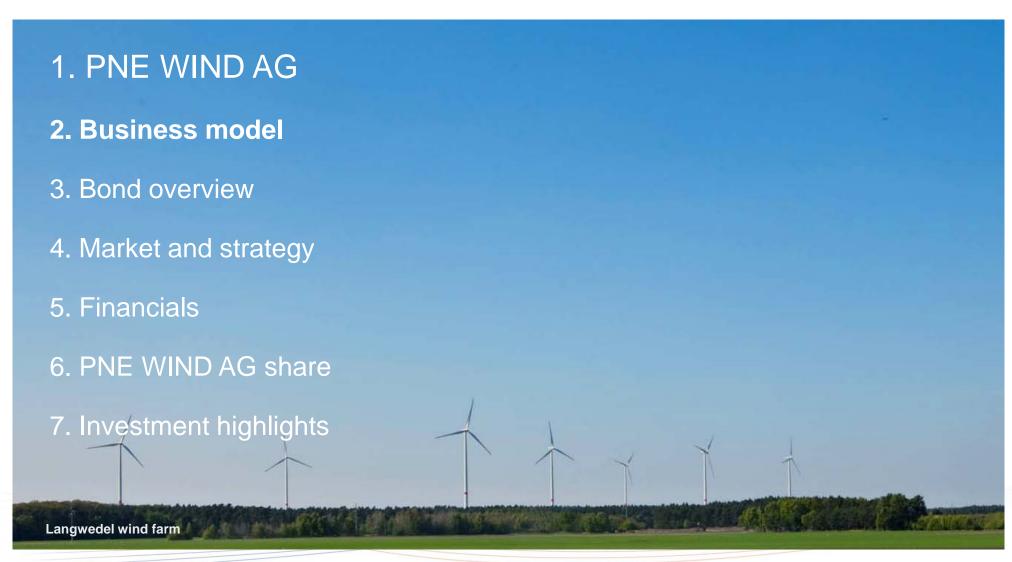




- Extensive know-how upon site acquisition, wind analysis and erection of wind farms all over Germany
- Long-term partner for wind farm operators with comprehensive network to decision makers
- Trustful cooperation with leading manufacturers such as Siemens, Vestas, Nordex, **Enercon and REpower**

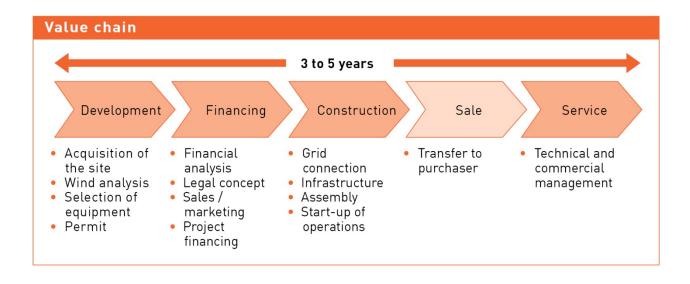
# Agenda





#### Value chain

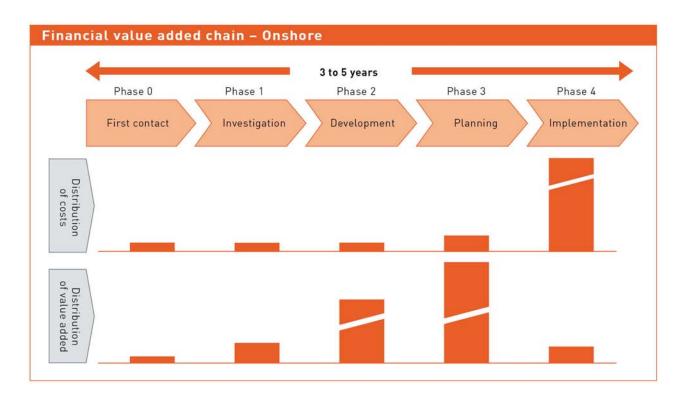




- Development, financing and construction of wind farms through to commissioning
- Criteria for wind farm development: Wind in m/sec, probability of approval, assured grid connection
- After completion: complete handover to buyer
- After-sales support service in the management ensures customer retention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

#### Financial value chain

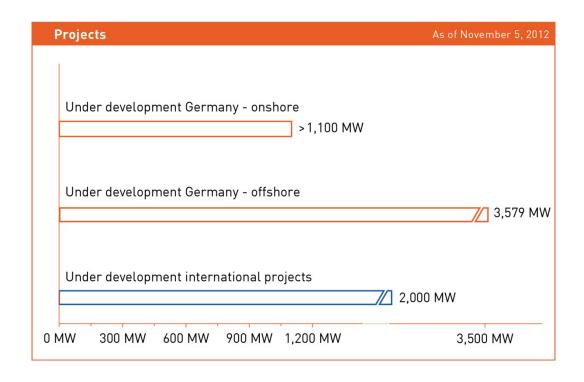




- PNE WIND AG generates value especially ahead of implementation phase
- Sale of projects can take place before construction or after completion
- When selling the project right after obtaining approval: attractive returns combined with low revenues and very limited capital requirements
- When selling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

## **Project pipeline**





#### **Onshore**

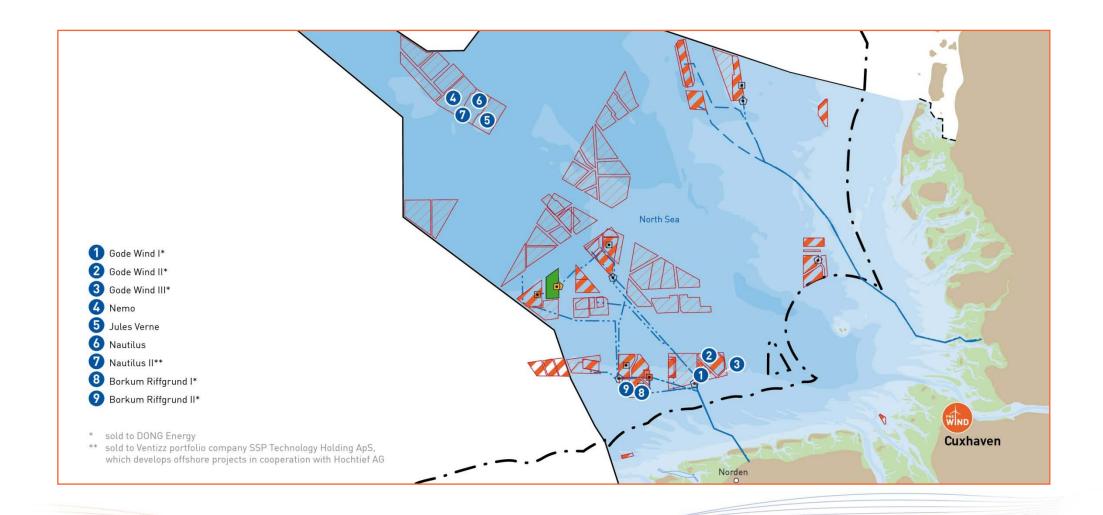
 National and international total of around 3,100 MW under development

#### **Offshore**

- Projects with total of 3,579 MW currently under development
- Approvals have been achieved for four offshore wind farms
- Three own offshore projects under development
- Offshore business is growth driver of the future

## **Current offshore projects – Germany**





**Current offshore projects – Germany** 



## North Sea offshore projects

Project	Phase	WT (up to)	Total MW (up to)**
Borkum Riffgrund I *	6	77	277
Borkum Riffgrund II *	4	97	349
Gode Wind I *	5	54	332
Gode Wind II *	5	84	516
Gode Wind III *	1	15	105
Nautilus II *	2	80	560
Nemo	2	80	480
Jules Vernes	2	80	480
Nautilus I	2	80	480
Total:		647	3,579

Phase 1 = Project identification phase

Phase 2 = Application conference held

Phase 3 = Hearing held

Phase 4 = Approval granted

Phase 5 = Grid connection guaranteed

Phase 6 = Final investment decision (FID)

- 6 offshore projects sold with a total nominal capacity of up to 2,139 MW\*: significant milestone payments expected
- Project Families "Borkum Riffgrund" and "Gode Wind" sold to DONG Energy
- "Nautilus II" sold to SSP Technology Holding ApS, a Ventizz portfolio company
- PNE WIND AG active as a service provider
- In total, the likely nominal output of our three own offshore projects in planning is up to 1,440 MW

<sup>\*</sup> PNE WIND AG acts as service provider

<sup>\*\*</sup> Expected

<sup>\*</sup>GW III project rights to be transferred after issuance of BSH permit

## **Gode Wind offshore projects**



#### Gode Wind Land II

- Building permits from the Federal Office for Shipping and Hydrographics (BSH) secured
- Unconditional grid connection commitments from the transmission network operator TenneT has been issued
- Grid connection is secured through the 900 MW "DolWin2" transformer station, which will be delivered by ABB and is scheduled to be commissioned in 2015
- Gode Wind" I and II are now 100% owned by DONG Energy

#### **Gode Wind III**

- The project is in the planning and application stage of development
- When successfully completed there will be 15 wind power turbines
- "Gode Wind III" remains in PNE WIND AG ownership until BSH building permit is issued; expected in 2013



Offshore wind farm

## Gode Wind projects sold to DONG Energy



#### The transaction:

The "Gode Wind" I, II and III projects sold for approximately €157 million

- Unconditional grid connection commitment for the "Gode Wind" I and II projects
- Initial payment of 57 Mio. € received in 2012 and first milestone payments of 27 Mio. € received in 2013
- Additional milestone payments totaling 73 Mio. € expected
- Service related fees for the 2012 to 2017 time period of 5 to 8.5 Mio. €

#### Main milestone payments become due when following steps are reached:

- Expected Permit "Gode Wind III": 2013E
- Expected Final Investment Decision "Gode Wind I": 2013/14E
- Expected Final Investment Decision "Gode Wind II": 2013/14E



Offshore-Windpark

## **German offshore wind projects**



## **Borkum Riffgrund I and II**

- DONG Energy plans to begin construction on "Borkum Riffgrund I" in 2013
- "Borkum Riffgrund II" received approval from the BSH at the end of 2011
- PNE WIND AG is active as a service provide and expects further milestone payments equal to a single digit million amount

#### **Nautilus II**

- Project sold to SSP Technology Holding ApS; a Ventizz portfolio company
- Further milestone payments expected as the project progresses

#### Nautilus I, Nemo & Jules Vernes

Application conference held



Offshore-Windpark

## **Current projects**



## **Opportunities in Germany, Eastern Europe, North America and the UK**

Country	MW up to		
Germany	1,100		
USA	352		
Canada	575		
UK	591		
Turkey	93		
Hungary	78		
Romania	143		
Bulgaria	248		
Total:	~3,100		

#### Investment criteria:

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

## **German onshore projects**

- 814 MW have already been successfully realized
- An additional 1,100 MW are currently being developed as at 31.12.2012
- Two wind farms with a capacity of 14 MW with building permits as at 31.12.2012
- Projects with 180 MW currently in the approval process, initial talks with banks to arrange debt financing have taken place
- Construction permits for additional onshore wind farms in Germany are expected in the near future







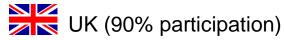






USA / Canada (100% participation)

- US subsidiary founded in 2008
- 5 employees
- Planning progress in the following projects made: 70 MW Chilocco, Oklahoma, 20 MW in Belle Fourche, South Dakota
- In the US, the regulatory support mechanisms (PTC and ITC) were recently extended at the national level



- Joint ventures for projects in the UK since 2008
- 14 employees
- Selected as a preferred partner of the Forestry Commission Scotland (FCS) to develop projects with a nominal output of up to 100 to 200 MW
- Outside of the FCS, four projects have reached the public information and project discussion step: Brunta Hill (20 MW), Tralorg (20 MW), Kennoxhead (60 MW) and Hill of Braco (MW 20)

International projects: Turkey and Romania



- - Turkey (100% participation)
- Market entry in 2007
- Cooperation with Türkwind Energie Ltd.
- Development and implementation of wind farm projects with up to 93 MW planned
- Electricity from renewable energy sources promoted by an amended law in December 2010



Romania (80% participation)

- Market entry in 2007
- Joint venture with a local partner in Bucharest
- Projects up to 157 MW in development
- The first project will reach the point of being technically ready for construction in the short term
- Price Waterhouse Coopers has been mandated to sell the wind farm projects

International projects: Hungary and Bulgaria





Hungary (100% participation)

- Formation of Joint Venture in 2007
- Two wind farms with nominal capacity of 78 MW permitted
- In Hungary, options to expand are limited because of the current regulatory environment
- Projects for sale

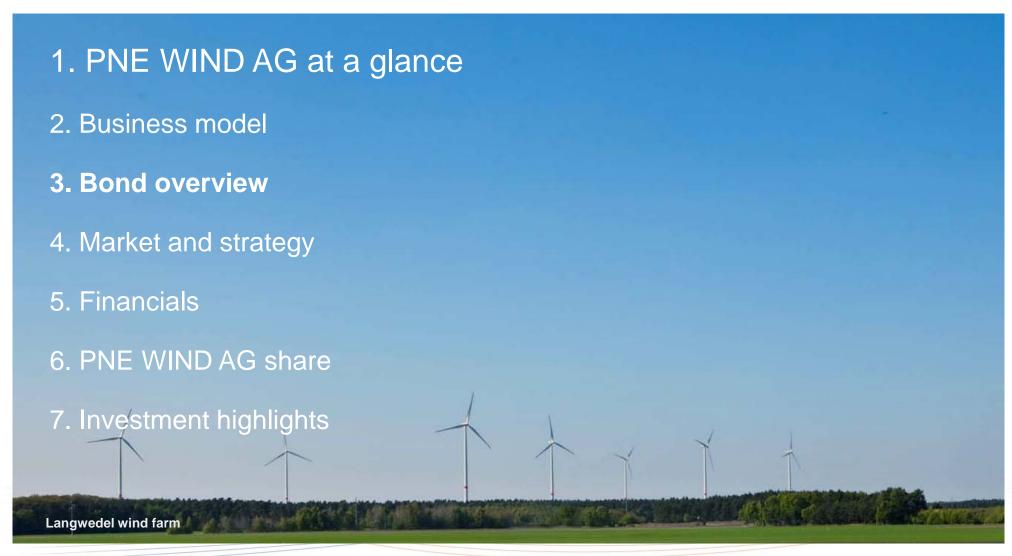


Bulgaria (51% to 100% participation)

- Market entry in 2007
- Several joint ventures with different partners
- Projects with a nominal capacity of up to 121 MW are in development
- Project pipeline is currently being examined for their viability and subsequent feasibility

# Agenda





## **Bond overview**

# PNE WIND Passion for Energy

### Bond and use of proceeds

PNE WIND AG intends to place a corporate bond amounting to 100 Mio. € in the first half of 2013, in the Prime Standard of the German stock exchange

## Uses of proceeds:

- Expansion of market position through strategic partnerships or acquisitions
- Provide interim financing for the equity proportion of select German wind farm projects in development
- Acquisition of offshore projects in development
- Finance organic and inorganic growth opportunities as well as the expansion of international activities

## **Bond overview**

# PNE WIND Passion for Energy

## **Acquisition target**

- Established wind farm project developer with access to new markets
- Possible acquisition of more than 50% of the shares
- A first price indication for 100% of the shares is estimated to be 100 Mio. €
- The final value of the shares will first be determined upon completion of a detailed due diligence process
- PNE Wind AG stock repurchased under stock buy-back program may be used to finance acquisitions or participations in companies
- Total number of stock repurchased: 4,126,700
- Buy-back program completed on 22.03.2013

# Agenda

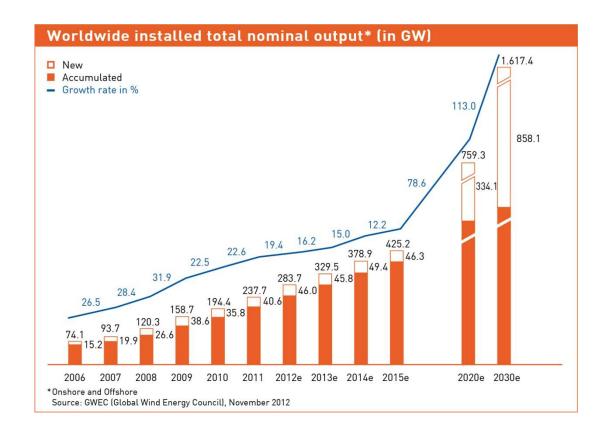




# Market and strategy

### Global development of wind power



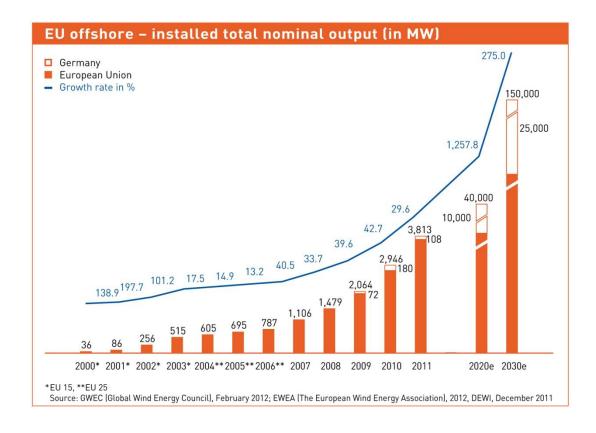


- Increased international demand for renewable energy is based on:
  - Growing population = Increasing demand for energy
  - Scarcity of fossil fuels
  - Prevention of CO<sub>2</sub> emissions
  - Security of supply
- In 2012 44,711 MW installed bringing total installed capacity to 282,482 MW
- Double-digit growth rates forecasted until 2015 (CAGR 2010-2015: 18.2%)

# Market and strategy

### **Offshore Europe and Germany**

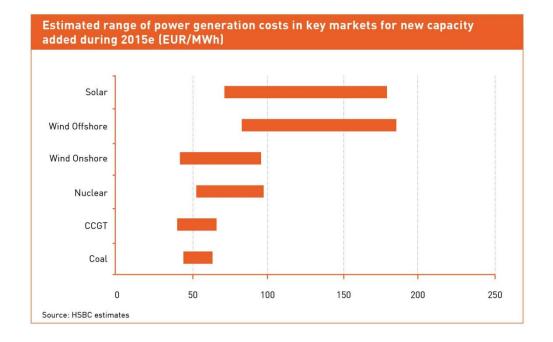




- 2012: 1,166 MW of offshore wind turbines connected to the grid bringing total installed capacity to 4,995 MW in Europe
- An additional 3,300 MW are under construction
- EU climate targets: 40,000 MW by 2020 and 150,000 MW by 2030, the targets are ambitious and actual installation rates are behind schedule
- The German government targets 20,000 to 25,000 MW by 2030
- Offshore wind farms to become an critical supplier of energy following the decision to exit nuclear power

## Market and strategy

## Wind energy is competitive





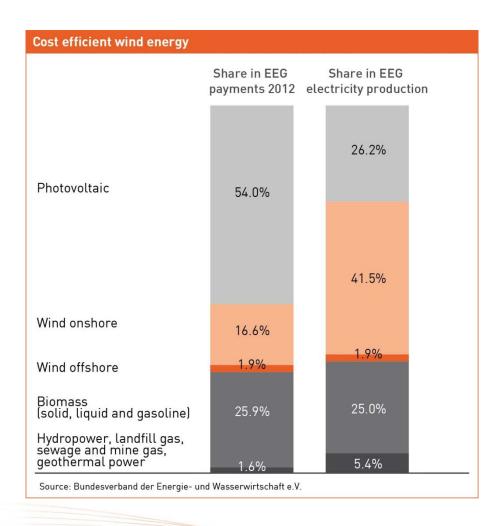
- The price of onshore wind power is already today nearly competitive with generation costs from coal, gas and nuclear power
- By 2020, the price for offshore power is forecasted to fall by 30% to 100 GBP per MWh\*
- Lower turbine prices ensure greater competitiveness of wind farms

<sup>\*</sup> Crown Estate's Offshore Wind Cost Reduction Pathways Study

# Regulatory environment

#### Renewable energy in Germany

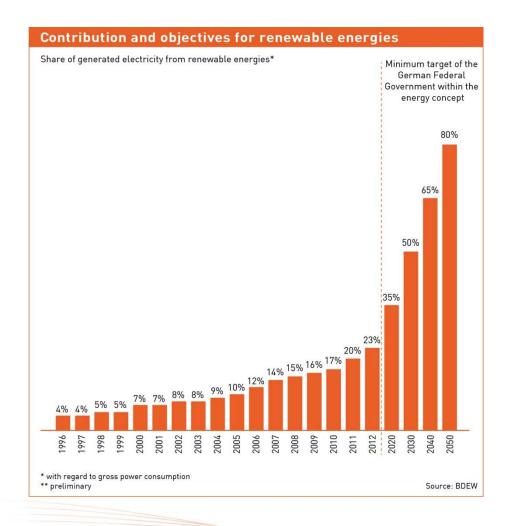




- Wind energy is very cost effective compared to other renewable energy sources: 42% of the electricity generated from renewable energy comes from wind power, but represents only 17% of the EEG costs
- Renewable energies enjoy broad support in Germany: 89% of Germans rate the topic as "important" or "very important"

# Regulatory environment

#### Renewable energy in Germany





- German government plans to source at least 80% of electricity from renewable energy by 2050
- The structure of the Renewable Energy Sources Act (EEG) is currently being debated
- The framework for the grid connection of offshore projects in Germany has greatly improved
- All EU member states have committed themselves to increasing the amount of renewable energy, with the goal that by 2020 the EU will source 20% of energy from renewable sources
- The European Commission wants to reduce the amount of CO2 allowances significantly

# Agenda





## **Financial Statements**

#### **Profit and loss account**



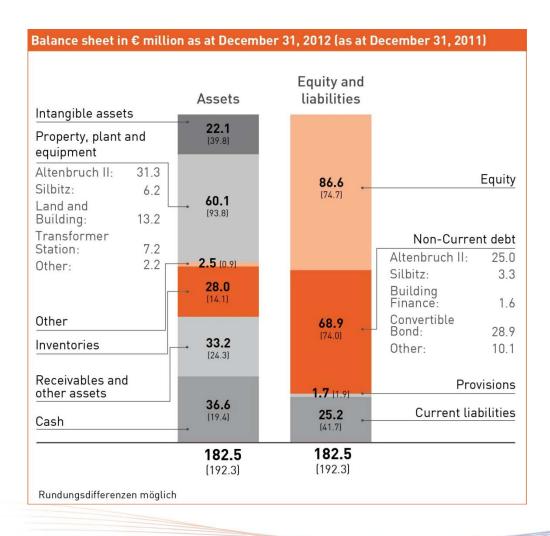
in €million	1. Jan. bis 31. Dec. 2012	1. Jan. bis 31. Dec. 2011
Revenue	84.4	48.6
Total operating revenue	94.3	53.9
Cost of materials	-44.6	-28.7
Personnel expenses	-13.5	-11.5
Other	-15.7	-13.6
EBIT	20.4	0.1
Interest and similar income	0.3	0.9
Interest and similar expenses	-5.7	-5.8
EBT	15.1	-4.9
Net income	17.0	-3.9
EPS (undiluted, in €)	0.37	-0.09

- The "Gode Wind" family sale as well as onshore projects in progress lay the foundation for achieving guidance
- First payments from the "Gode Wind" sale amount to 84 Mio. €, of which 27 Mio. € was received in 2013
- Tax loss carry-forwards in Germany of approx. 109 Mio. € and abroad of approx. 11 Mio. €

## **Financial Statements**

#### **Balance Sheet**





- Own wind farm "Altenbruch II" has a total capacity of 25.8 MW
- Receipt of milestone payments in the amount of 27.0 Mio. € in 2013 from DONG Energy to reduce accounts receivables position
- Inventories reflect investments in the development of our projects
- Net debt amounted to 30.9 Mio. €\*
- Equity ratio at approx. 47%

## **Financial Statements**

#### **Cash flow**

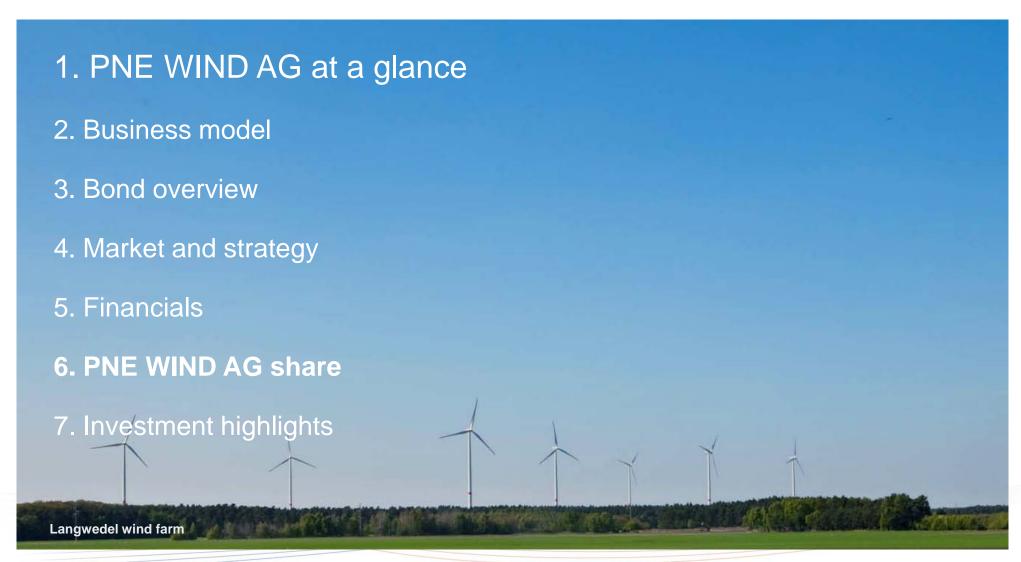


in €million	1. Jan. bis 31. Dec. 2012	
Consolidated earnings	15.3	-5.1
Amortization/Depreciation	5.4	5.2
Δ Provisions	0.1	-0.6
Δ Non-cash effective expenses/income	-0.3	0.5
Δ Earnings/losses from fixed asset disposals	-18.3	0.0
Δ Working Capital	-27.4	-1.4
Cash flow from operating activities	-25.2	-1.4
Cash flow from investing activities	39.6	-14.1
Cash flow from financing activities	2.8	-4.2
Cash and cash equivalents – end of period	36.6	19.4

- Cash flow from operating activities affected by the "Kemberg II", "Riffgrund II" and "Gode Wind" projects
- Cash flow from investing activities illustrates the net effects of the "Gode Wind" and "Kemberg II" transactions
- Cash flow from financing activities reflects the debt financing for "Kemberg II", the dividend payment and loan repayments

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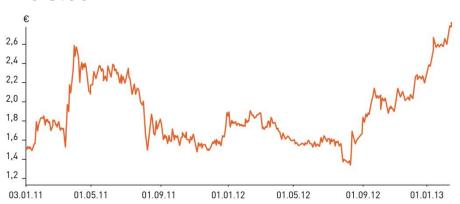




#### **Stock and Convertible bond**

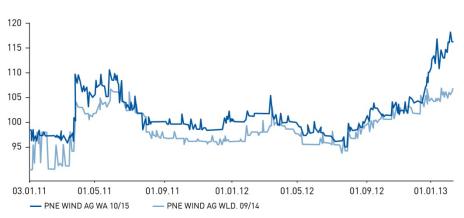


#### The stock



WKN / ISIN	AOJBPG / DE000A0JBPG2
Number of shares	46.040.131
Market capitalization 26. March 2013	124.3 Mio. €
Free Float	Approx. 87%
Market segment	Prime Standard
Indices	CDAX Technology, ÖkoDAX
Designated Sponsors / Market Maker	Commerzbank VEM Aktienbank Close Brother Seydler Bank
Reuters / Bloomberg	PNEGn / PNE3

#### **Convertible bonds**



**Convertible bond 2009/2014** (WKN: A0Z1MR), Coupon 7.0%, Strike price 2.50 €, 38,500 bonds placed @ 100 € a piece

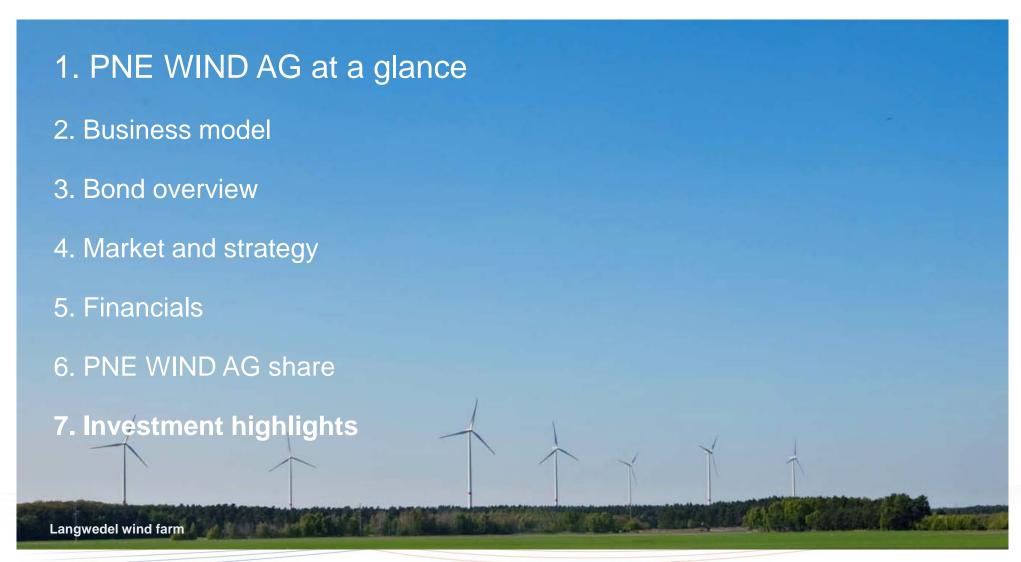
**Convertible bond 2010/2014** (WKN: A1EMCW), Coupon 6.5%, Strike price 2.20 €, 260,000 bonds placed @ 100 € a piece

Participation certificate 2004/2014, Coupon: 7-10%, Volume 0.8 Mio. € (31.12.12)

**Convertible bond 2004/2009,** Coupon 6%, Strike price 3.75 €, Total volume 23.5 Mio. €, Repaid

# Agenda





# 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
- Cooperation with leading manufacturers of wind turbines
- 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
- Guidance: cumulative EBIT of at least € 60 to 72 million for fiscal years 2011 to 2013. For the subsequent two year period from 2014 to 2015, the Board expects a cumulative EBIT of 60 to 72 Mio. €

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