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**Wind.** It means the world to us.<sup>™</sup>



Second quarter 2012  
- Intensifying preparation for 2013

Aarhus, 22 August 2012

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# Agenda

<b>1. Preparing for 2013</b>	<b>Ditlev Engel</b>
<b>2. Q2 financials</b>	<b>Dag Andresen</b>
<b>3. Order intake Q2</b>	<b>Ditlev Engel</b>
<b>4. Outlook</b>	<b>Ditlev Engel</b>
<b>5. Questions &amp; answers</b>	<b>Ditlev Engel and Dag Andresen</b>

A background image of a bright blue sky filled with soft, white, fluffy clouds. The clouds are scattered across the frame, creating a textured and airy appearance. The overall color palette is dominated by various shades of blue and white.

# 1 Preparing for 2013

# Preparing for 2013

How we handle a tough 2012 and an even tougher 2013.

- Plan in place – implementation in process – intensification of plan.
- Product cost-out on schedule – EUR 30m (EBIT impact) to be realised in 2012.
- Reduction of fixed costs in the organisation ahead of schedule – savings of more than EUR 250m instead of more than EUR 150m.
- Operational excellence in lost production factor (LPF), safety performance, customer loyalty and turbine installation.
- However; burden from the disappointing results in the second half of 2011 and the first quarter of 2012.

# Preparing for a tough 2012 and a tougher 2013

Secure profitability. Secure positive free cash flow. Improve customer relations.

## Adjusting in a busy 2012 and preparing for an even tougher 2013.

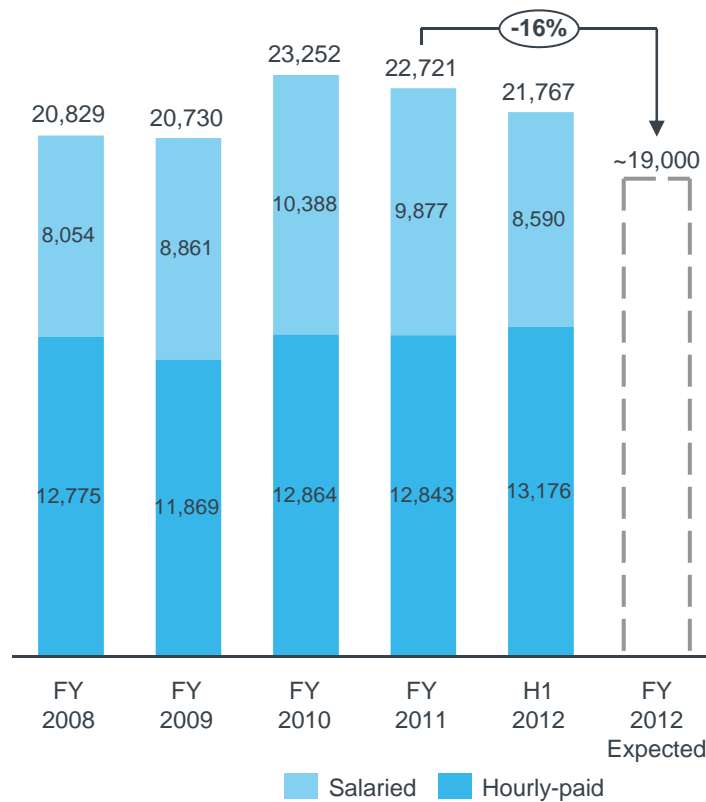


Transition to a leaner and more agile Vestas by changing the organisational structure.

# Preparing for 2013 in a busy 2012

## Employees

Number of employees, end of period

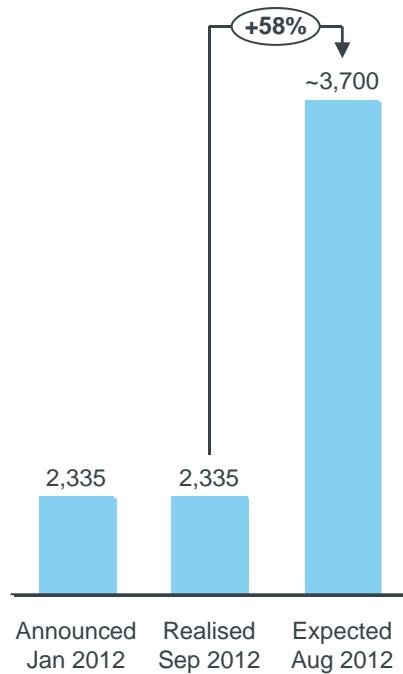


- Headcount reductions of approx 1,000 employees in H1 2012 despite ramp-up in manufacturing and service.
- 2,700 employees will have to leave Vestas before year-end. 55 per cent in Europe and Africa, 25 per cent in Asia Pacific and 20 per cent in Americas.
- End 2012 target decreased to approx 19,000 employees.

# Additional redundancies in 2012

## 58 per cent additional redundancies in 2012

**Redundancies**  
Number of employees

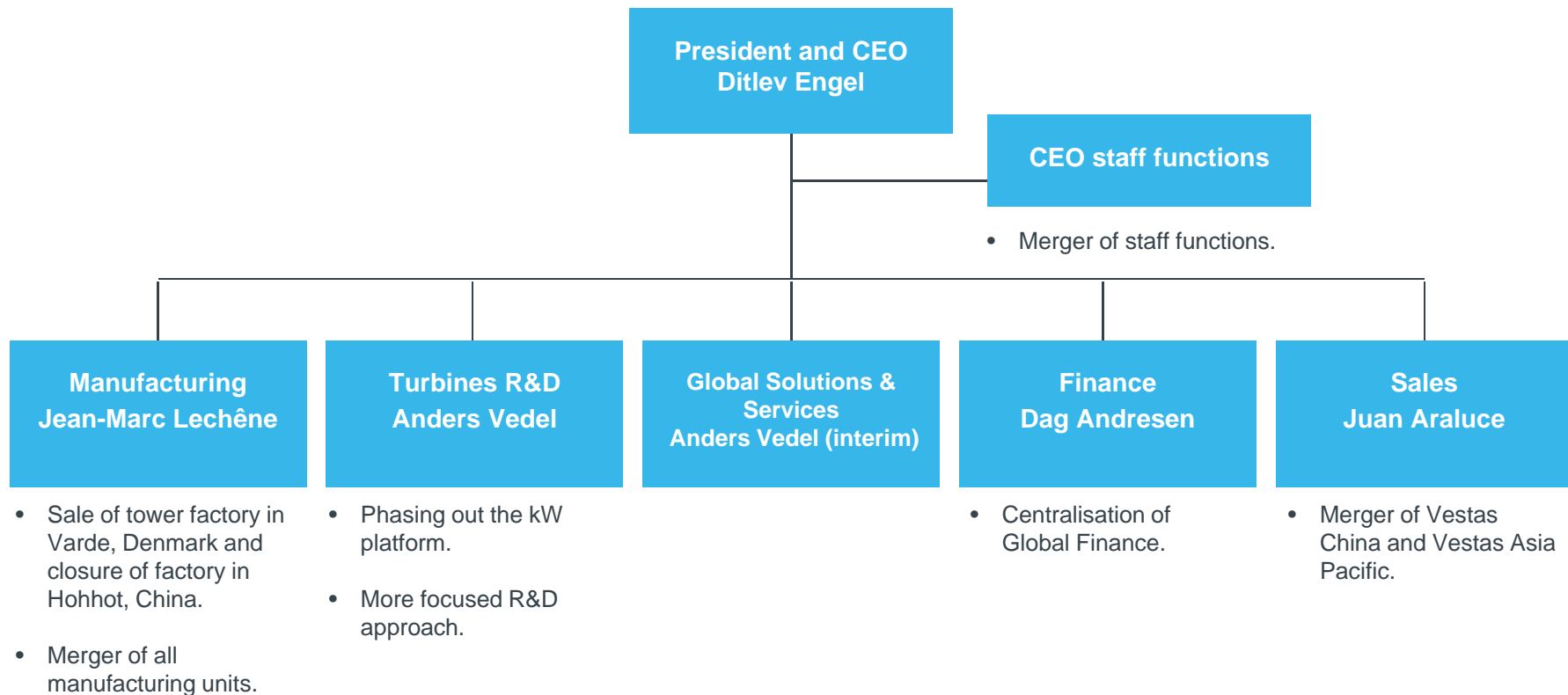


- 1,400 additional redundancies in 2012.
- Full-year reduction target of ~3,700 employees will contribute to reduce fixed costs by more than EUR 250m, with full effect as from the end of 2012.



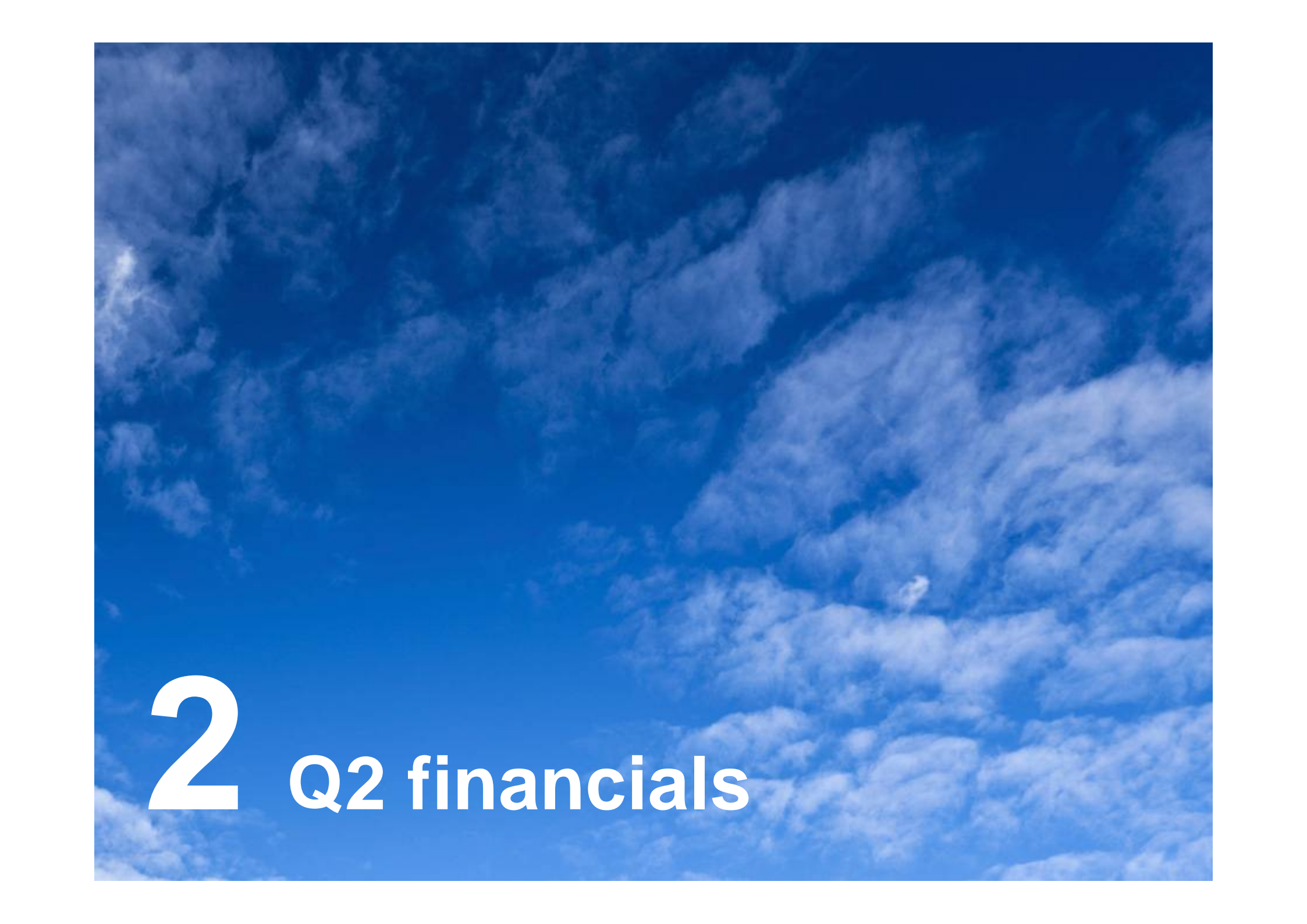
# New organisation

## Implemented and ongoing initiatives



# Main events

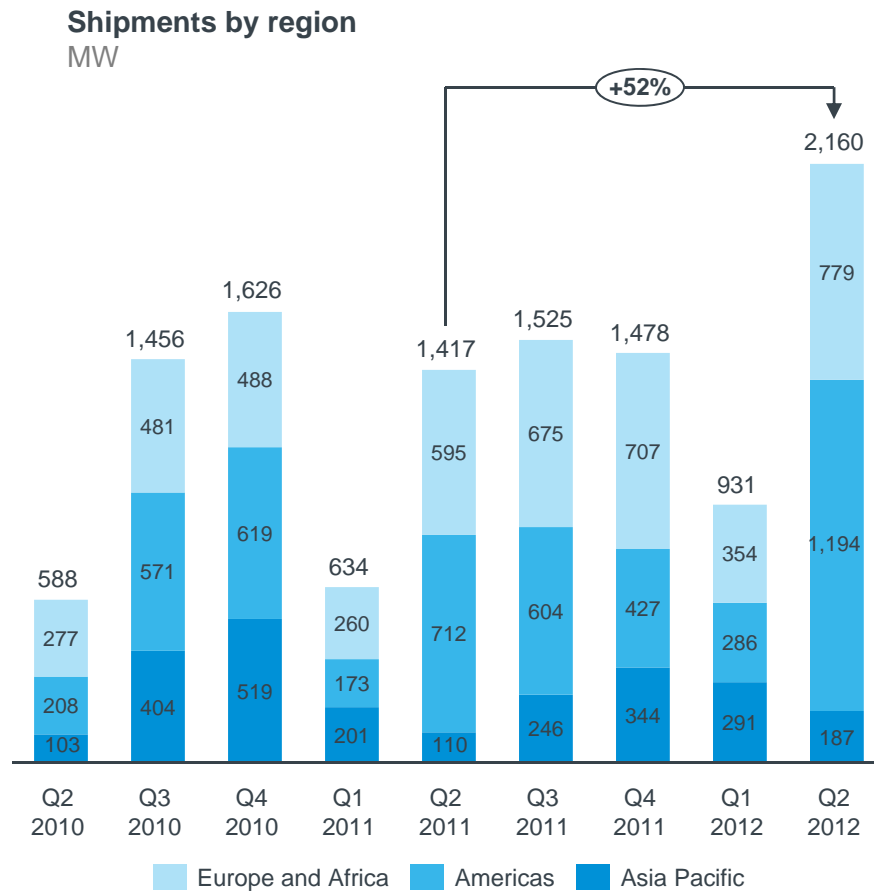
- Intensifying the organisational adjustment – preparing for 2013.
- Highest combined order backlog for turbines and services ever of EUR 14.4bn.
- Outlook for EBIT, free cash flow and revenue retained.
- High activity level for the rest of the year.
- Covenants testing deferred.
- Q2 EBIT before special items, EUR 244m better than Q1.



# 2 Q2 financials

# Activity level at factories

## Shipments are the primary cash generator

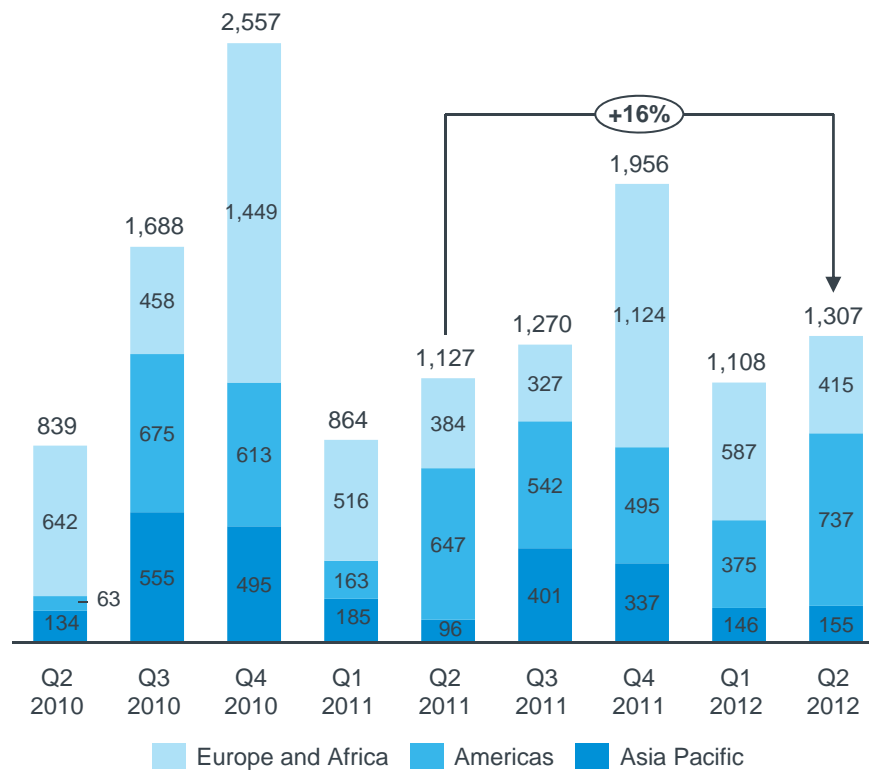


- Record-high Q2 shipments – up by more than 50 per cent.
- Very high activity level in Americas before PTC expiration in the USA.
- Full-year shipments are expected to increase by almost 25 per cent to around 6.3 GW.

# Deliveries

## Deliveries are the primary revenue driver

Deliveries by region  
MW



- Deliveries in Americas driven by PTC expiration in the USA.
- Deliveries expected to be higher in Q3 than in Q2, and very high in Q4.

# Income statement

mEUR	Q2 2012	Q2 2011	Change	FY 2011
Revenue	1,611	1,401	15%	5,836
Cost of sales	(1,363)	(1,153)	18%	(5,111)
Gross profit	248	248	0%	725
Fixed costs*	(208)	(171)	21%	(763)
Operating profit (EBIT) before special items	40	77	(48)%	(38)
Special items	(22)	0	-	(22)
Operating profit after special items	18	77	(77)%	(60)
Profit/(loss) after tax	(8)	55	-	(166)
*R&D, administration and distribution				
Gross margin	15.4%	17.7%	(2.3)%-pts	12.4%
EBITDA margin before special items	10.0%	10.7%	(0.7)%-pts	5.2%
EBIT margin before special items	2.5%	5.5%	(3.0)%-pts	(0.7)%

# Gross margin and fixed costs

## Q2 gross margin at 15 per cent

- Gross margins may fluctuate quarter-on-quarter due to the composition of projects.
- Gross margin improvement versus Q1 2012 due to higher volume, higher margins on delivered projects and lower warranty provisions.

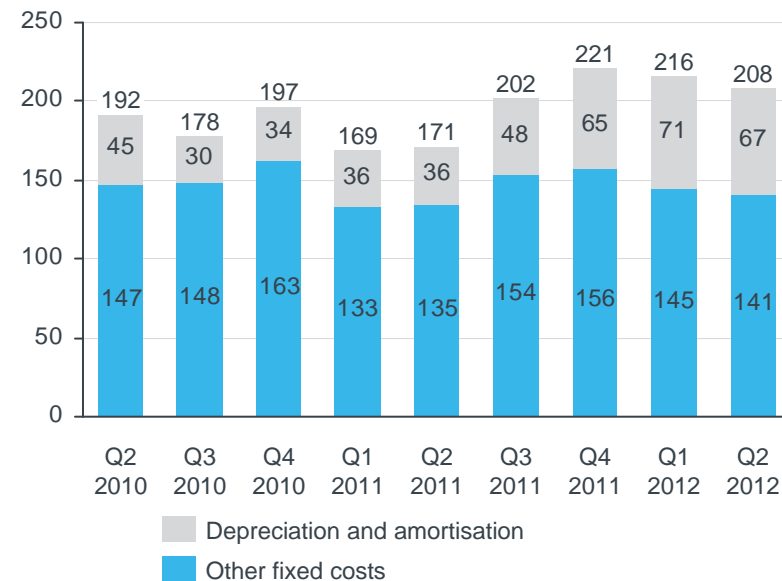
**Gross profit and margin**  
mEUR and percentage



## Fixed costs\*

- Fixed costs continue to trend down despite increase in depreciation and amortisation.
- Fixed costs to be further lowered.
- Fixed costs above and below gross margin to be lowered by more than EUR 250m with full effect as from year-end 2012.

**Fixed costs\***  
mEUR



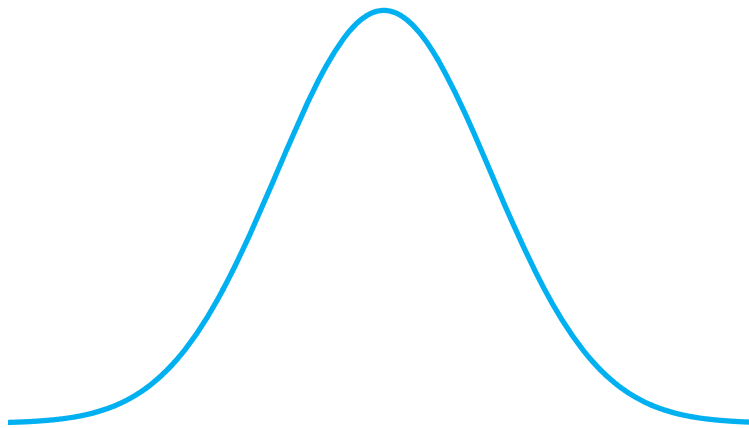
\*R&D, administration and distribution

# Quarterly P&L fluctuations driven by contract mix

## Distribution of margins

+200 projects a year

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## Pricing and risk variables

Not exhaustive

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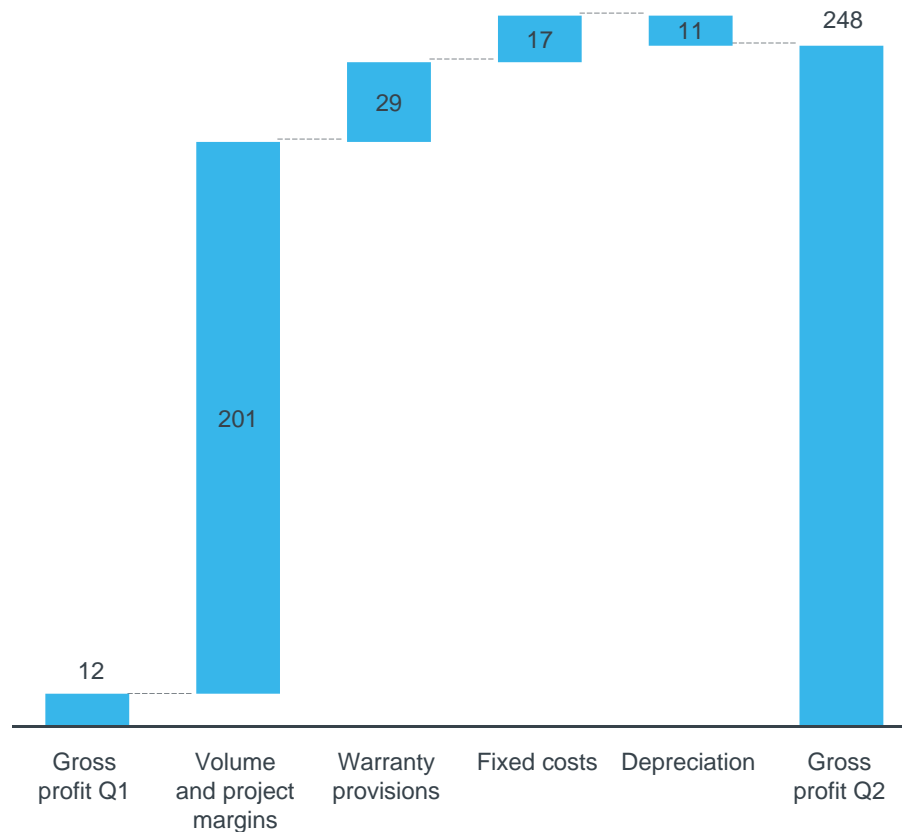
1. Scope – type of contract
  2. Uniqueness of offering
  3. Value of revenue
  4. Scale
  5. OPEX/CAPEX allocation
  6. Design lifetime
  7. Cost differentiation
  8. Risk allocation
  9. Early generation sharing
  10. Relationship efficiency
-



# 2012: Q2 vs Q1

## Gross profit may fluctuate quarter-on-quarter

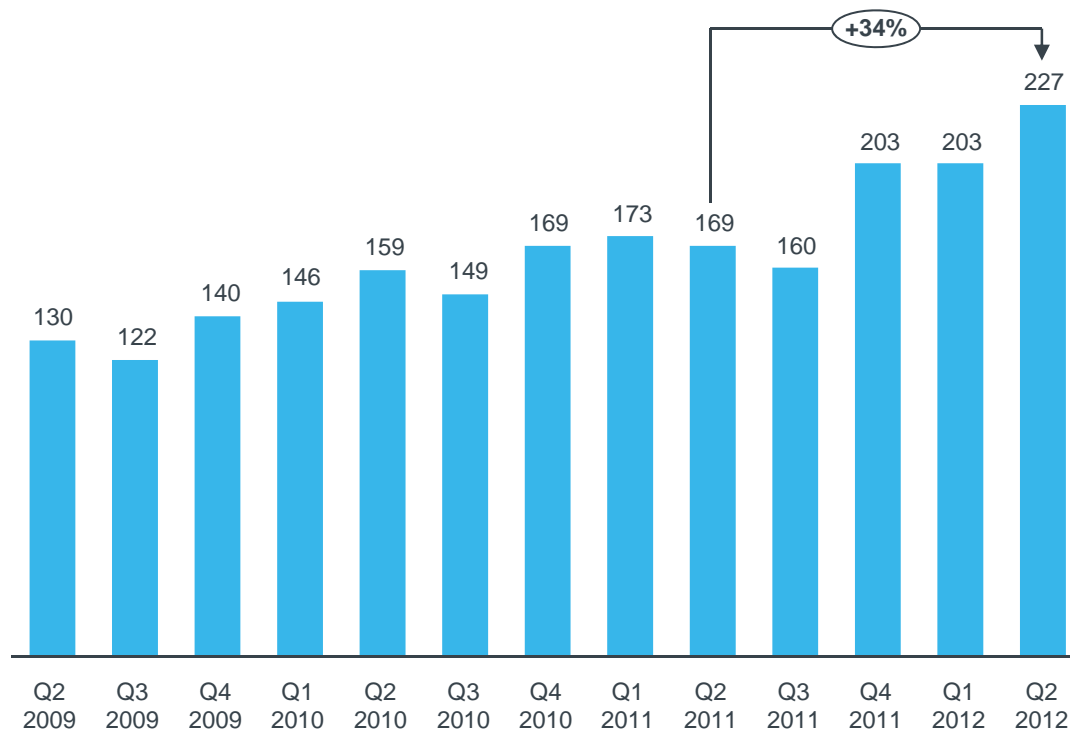
Gross profit  
mEUR



- Higher margins on projects delivered in Q2.
- Higher volume in Q2.
- Extraordinary high warranty provisions in Q1 2012.
- Lower fixed costs, but higher depreciation.

# Service revenue

**Service revenue**  
mEUR



- Service revenue increased by 34 per cent compared to Q2 2011.
- Service revenue and earnings may fluctuate over the quarters.
- H1 EBIT before allocation of Group costs: EUR 89m. Margin: 20.7 per cent.
- H1 EBIT after allocation of Group costs: EUR 44m. Margin: 10.2 per cent.

# Balance sheet

Assets (mEUR)	Q2 2012	Q2 2011	Change	FY 2011	Change
Intangible assets	1,233	1,145	8%	1,243	(1)%
Property, plant and equipment	1,869	1,755	6%	1,898	(2)%
Other non-current assets	445	290	53%	381	17%
Non-current assets	3,547	3,190	11%	3,522	1%
Current assets	5,229	3,954	32%	4,167	25%
<b>Total assets</b>	<b>8,776</b>	<b>7,144</b>	<b>23%</b>	<b>7,689</b>	<b>14%</b>
<b>Liabilities (mEUR)</b>					
Equity	2,438	2,707	(10)%	2,576	(5)%
Non-current liabilities	1,790	1,396	28%	1,073	67%
Current liabilities	4,548	3,041	50%	4,040	13%
<b>Total equity and liabilities</b>	<b>8,776</b>	<b>7,144</b>	<b>23%</b>	<b>7,689</b>	<b>14%</b>
Net debt	1,147	1,071	7%	545	110%
Net working capital	330	872	(62)%	(71)	

# Change in net working capital

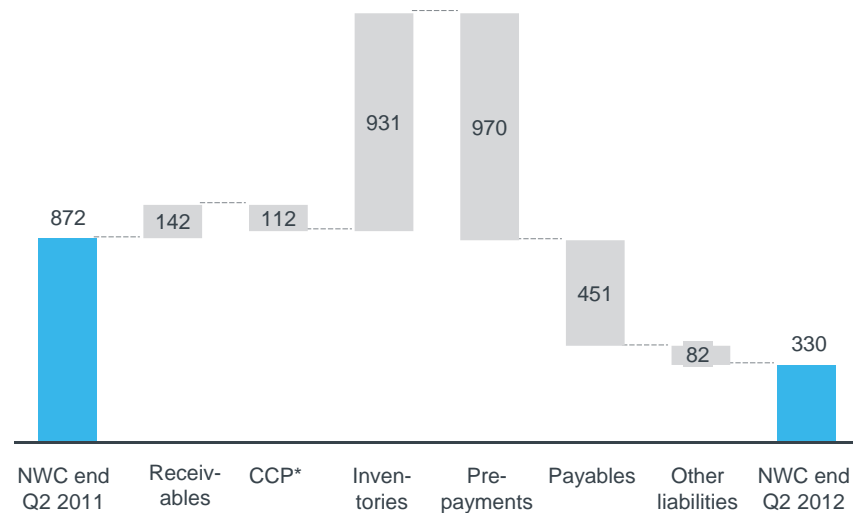
## NWC decreased over the last 12 months

- Decrease driven by higher prepayments (including “milestone” payments) and higher trade payables.

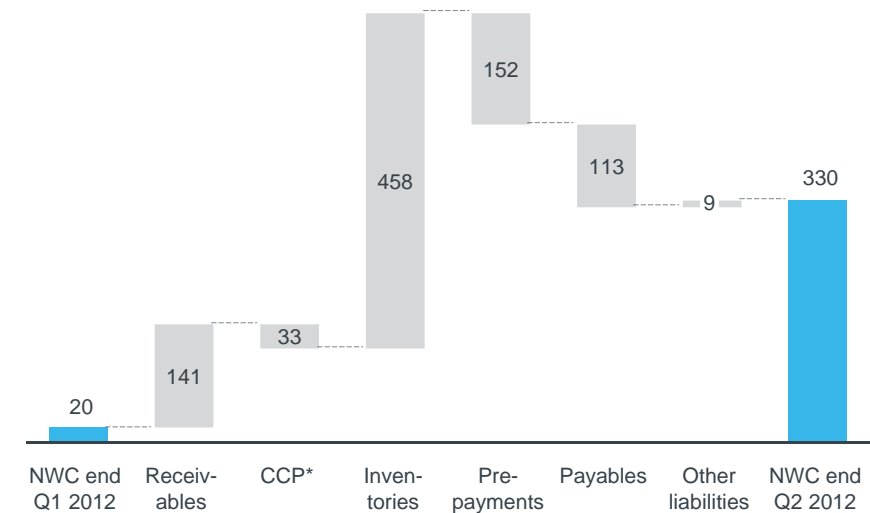
## NWC increased during Q2

- Increase in inventories driven by an increase in “MW under completion” and sourcing of components for a busy H2 2012.

Net working capital change over the last 12 months  
mEUR



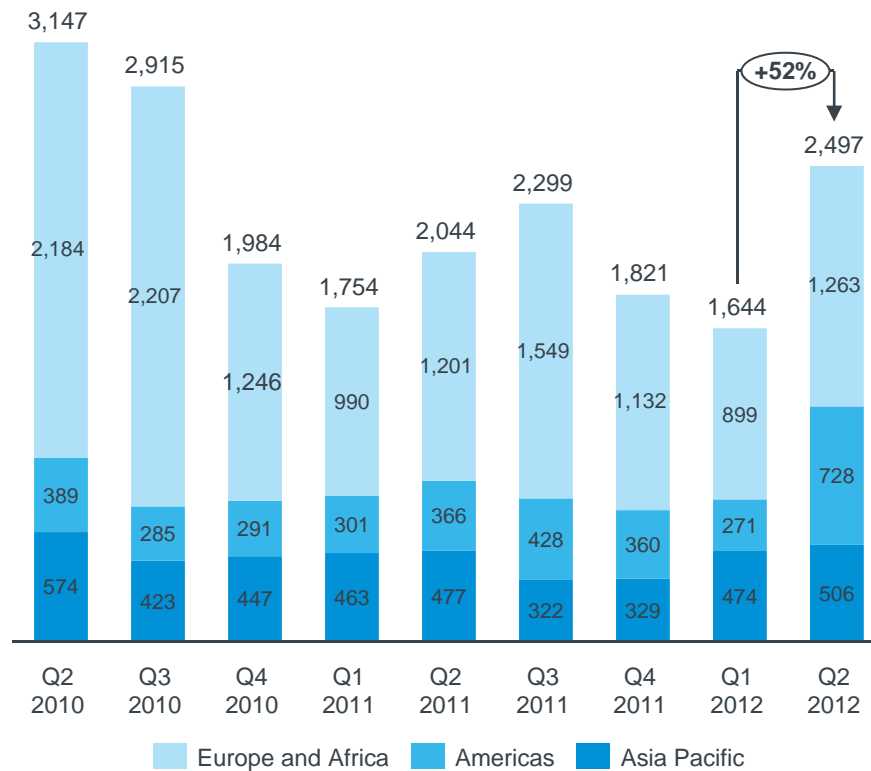
Net working capital change over the last three months  
mEUR



\*Construction contracts in progress.

# MW under completion

Under completion by region  
MW



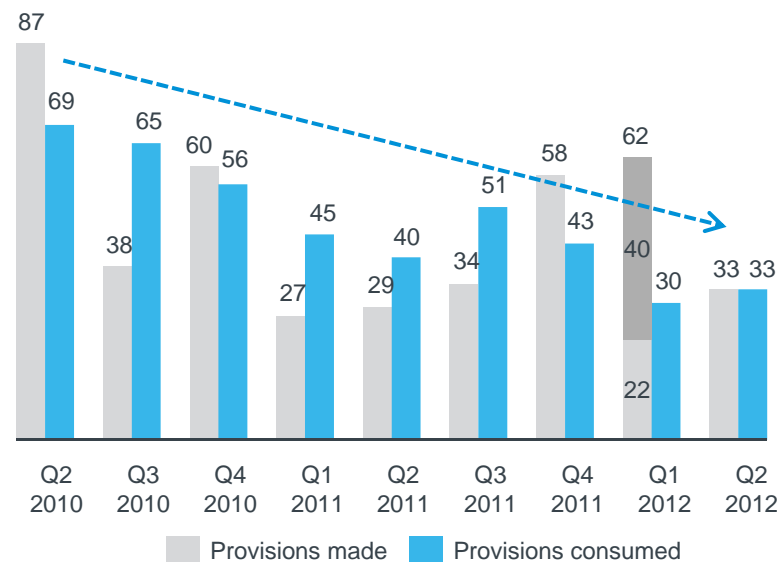
- MW under completion increased during Q2 due to high shipment activity.
- Planned sale of 90 MW project in Chile will lower MW under completion.
- MW under completion to decrease in Q4.

# Better performance of the turbine fleet

## Warranty provisions and consumption

- Low warranty consumptions.
- Still very limited consumption of the additional warranty provision of EUR 40m for the V90-3.0 MW gearboxes.
- Root cause analysis from ZF supports Vestas' assumptions as disclosed in Q1.

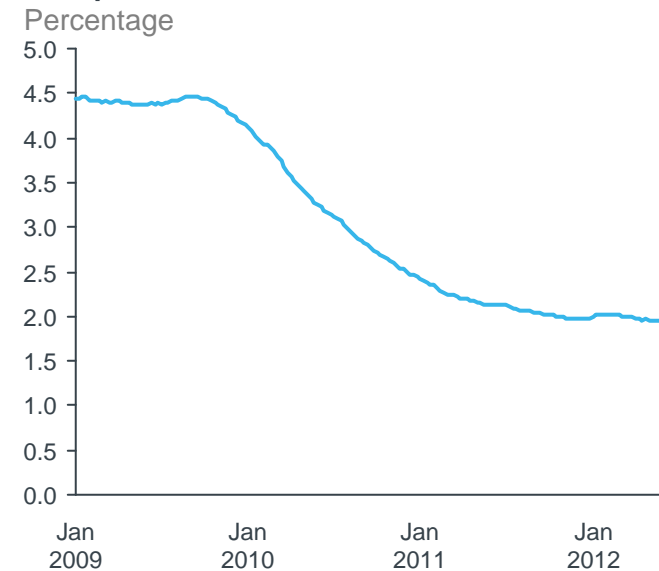
### Warranty provisions made and consumed mEUR



## Lost production factor (LPF)

- End Q2: LPF below 2 per cent – in line with our target for the full-year.
- LPF measures potential energy production not captured by the wind turbines.
- V112-3.0 MW turbines show satisfying LPF levels during run-in phase.

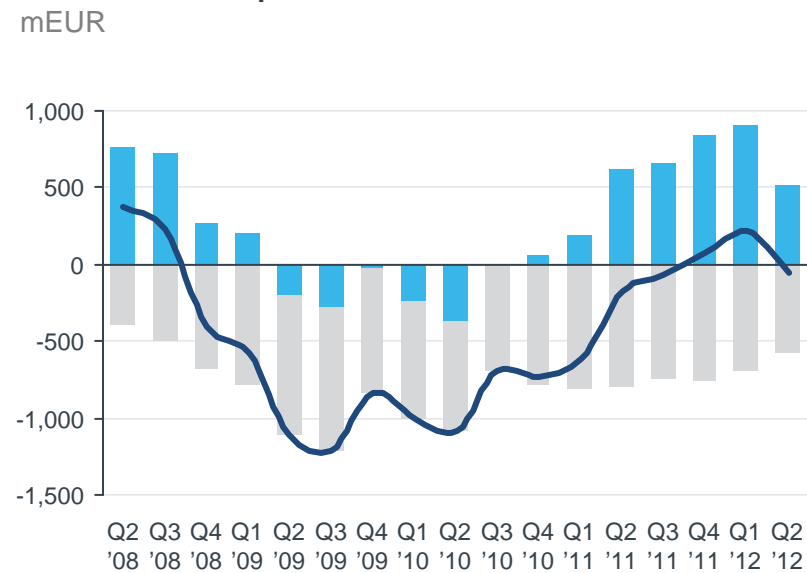
### Lost production factor



# Cash flow statement

mEUR	Q2 2012	Q2 2011	FY 2011
Cash flow from operating activities before change in working capital	48	88	93
Change in working capital	(310)	38	747
Cash flow from operating activities	(262)	126	840
Cash flow from investing activities	(76)	(189)	(761)
Free cash flow	(338)	(63)	79
Cash flow from financing activities	521	63	(13)
Change in cash at bank and in hand less current portion of bank debt	183	0	66

Cash flow from operations and investments



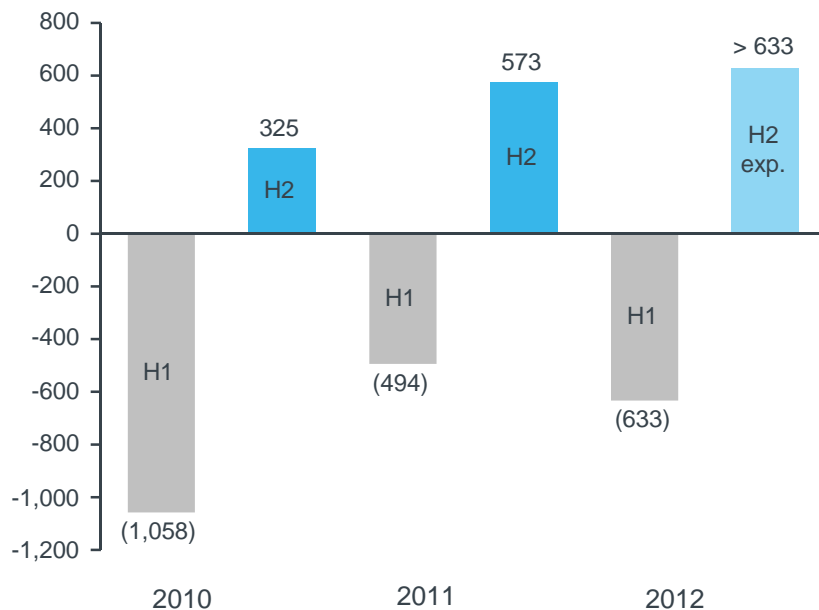
- Free cash flow, last 12 months
- Cash flow from operations, last 12 months
- Investments, last 12 months

# Cash flow

## Free cash flow (FCF) to improve in Q4

- Cash flow generation in Vestas is seasonal: H1 free cash flow typically negative - H2 typically positive.
- Positive free cash flow expected for 2012: H2 2012 FCF expected to be on a par with H2 2011 FCF.
- Q4 FCF expected to be close to EUR 1bn.

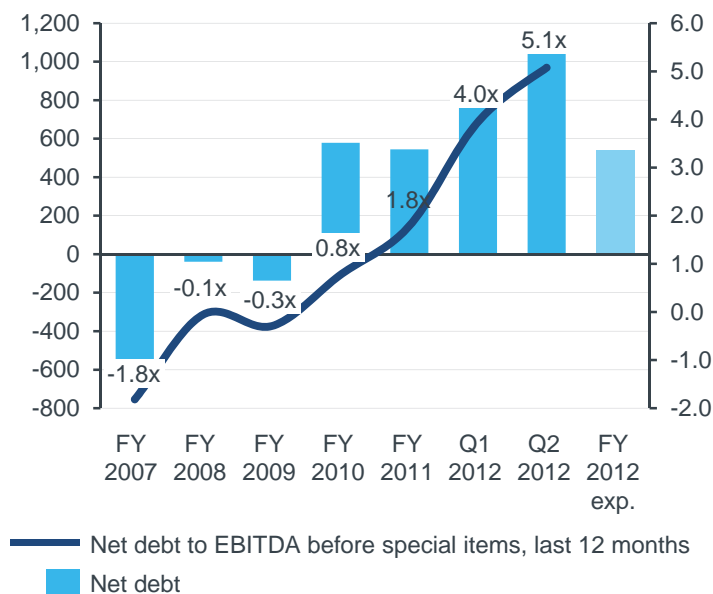
## Free cash flow mEUR



## Net debt to be reduced by year-end

- Net debt to be reduced by year-end.
- Net debt to EBITDA primarily negatively affected by poor H2 2011 and Q1 2012.

## Net debt and debt coverage mEUR and xEBITDA





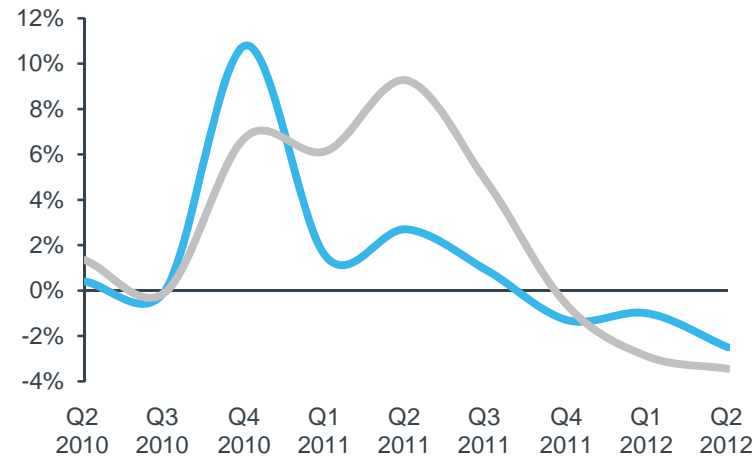
# Return on invested capital

## Disappointing ROIC

- ROIC still at a disappointing level.
- Evaluation of manufacturing footprint during H2.

## Return on invested capital\* (ROIC)

Percentage



- ROIC, last 12 months
- EBIT margin before special items, last 12 months

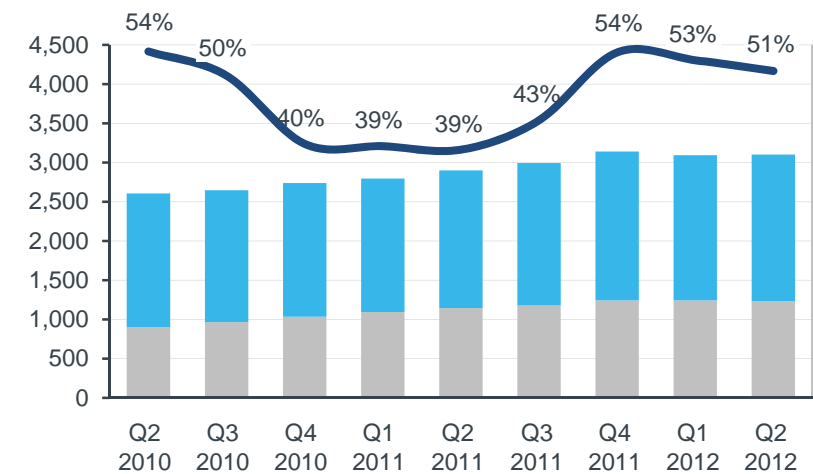
\* Invested capital includes net working capital, PPE and intangibles.

## Declining capex – higher D&A

- Capex spend in H1 2012, EUR 68m lower than depreciation and amortisation (D&A).
- Vestas has initiated a process to identify outsourcing opportunities.

## Property plant & equipment (PPE) and intangible assets

mEUR and percentage



- PPE & intangibles to revenue, last 12 months
- Total PPE
- Total intangible assets



# 3 Order intake Q2

# Order intake

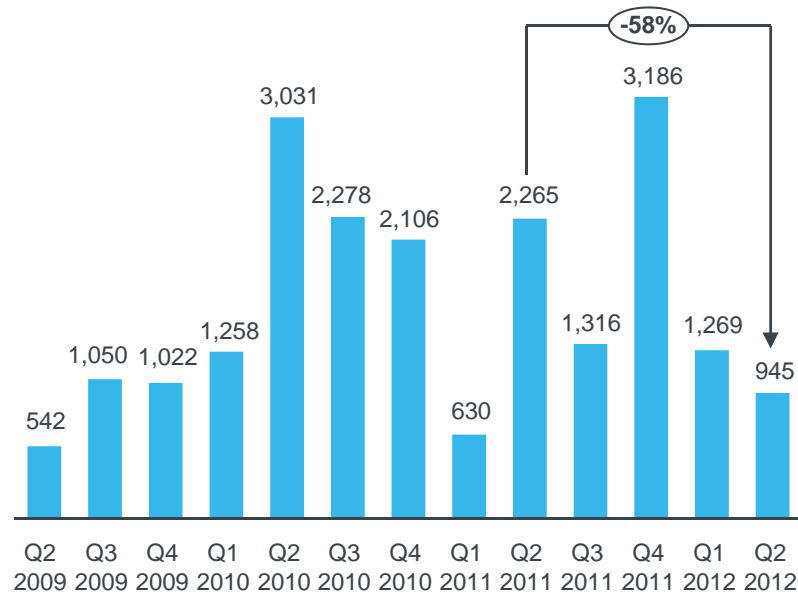
## Lower order intake

- Global wind market slow down.
- US market uncertainty.
- Grid constraints in China.

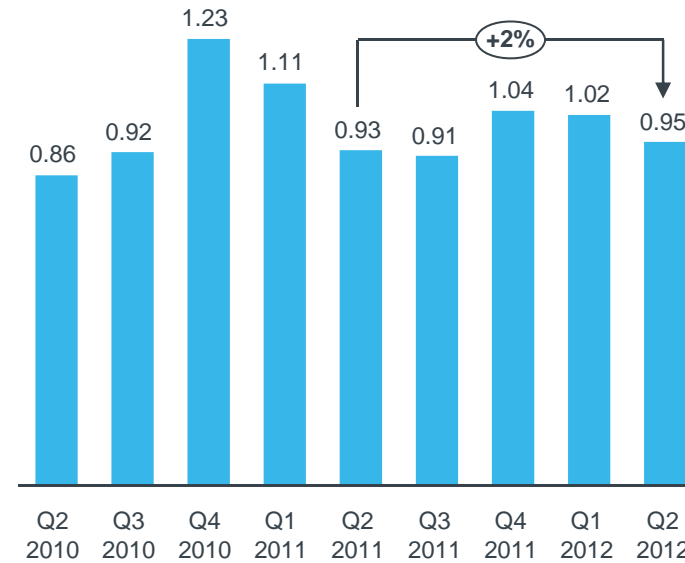
## Price per MW

- Price per MW depends on a variety of factors i.e. turbine type, geography, scope, uniqueness of offering, etc.
- New products are higher priced per MW, but carry higher costs than more mature products.

Order intake  
MW



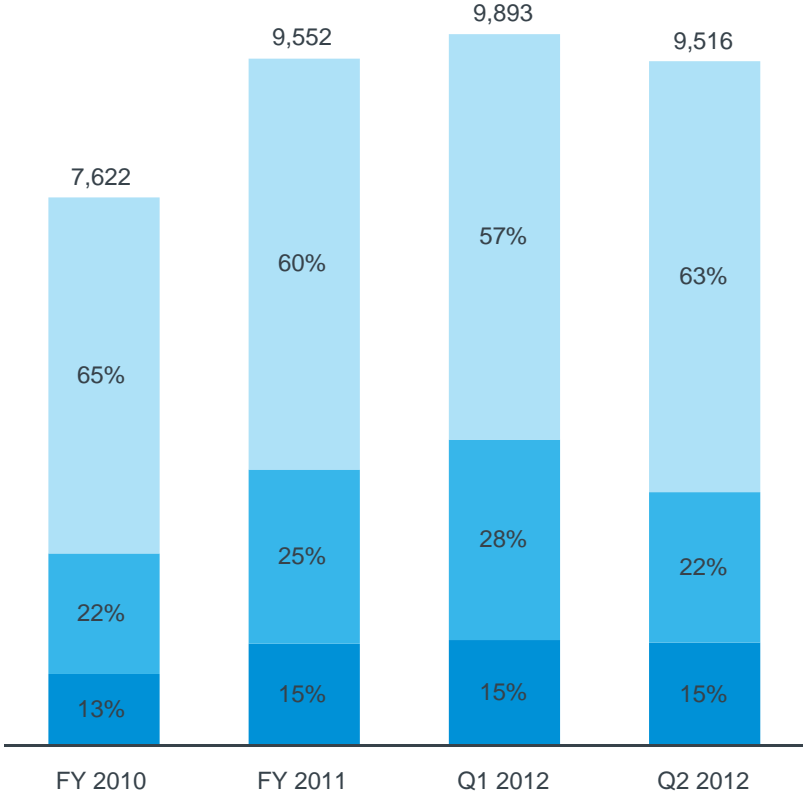
Average selling price of order intake  
mEUR per MW



# WTG order backlog

## WTG order backlog at a high level

**Order backlog by region**  
MW (exclusive of service contracts)



- Value of WTG order backlog equals EUR 9.6bn.
- Price per MW in backlog is EUR 1.01m.

■ Europe and Africa  
■ Americas  
■ Asia Pacific

# Service backlog

**Service backlog**  
bnEUR



## Vestas secures its largest service contract renewal for 1,897 MW

CA 10:00 CET - 25 Jun. 2012

Article keywords: [Wind markets](#) [Orders](#)



### Vestas secures its largest service contract renewal for 1,897 MW

#### Interactive services

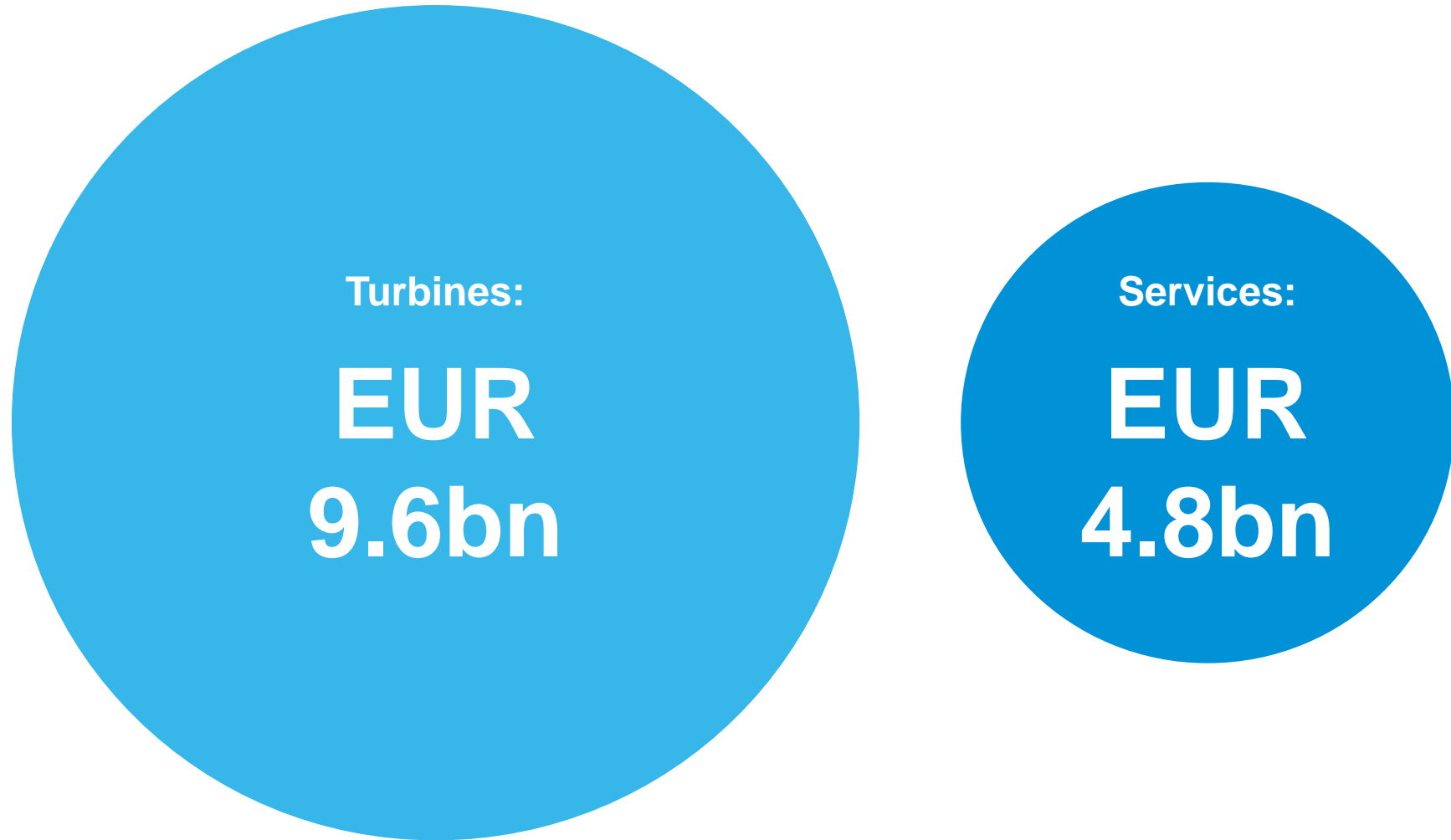
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Vestas has signed its largest ever service and maintenance renewal agreement with EDP Renováveis (EDPR) to service more than 1,100 turbines across 30 wind power plants in the United States and Europe for up to seven years.

The global service agreement represents a total capacity of 1,897 MW. More than 70 per cent of the turbines covered by this agreement are in the United States, while the remaining wind power plants are in Spain, France, Romania, Portugal and Italy.

# Turbines and services: Largest order backlog ever

End H1 2012: Combined backlog of EUR 14.4bn





# 4 Outlook



# Outlook for EBIT, cash flow and revenue retained

	August 2012	May 2012	
Shipments (GW)	<b>~6.3</b>	~7	• Shipments lowered due to a weak order intake in H1 2012 and grid constraints in China.
Revenue (mEUR)	<b>6,500-8,000</b>	6,500-8,000	
- of which service revenue (mEUR)	<b>850</b>	850	
EBIT margin before special items (%)	<b>0-4</b>	0-4	• Service margin increased due to a lower cost base.
EBIT margin, service* (%)	<b>~17</b>	~ 14	
Investments (mEUR)	<b>450</b>	550	• Investments lowered due to more focused R&D investments.
- Intangible (mEUR)	<b>250</b>	350	
- Tangible (mEUR)	<b>200</b>	200	
Special items (mEUR)	<b>75-125</b>	50-100	• Special items increased due to higher number of redundancies.
Free cash flow (mEUR)	<b>&gt; 0</b>	> 0	
Warranty provisions (%)	<b>~ 3</b>	~ 3	

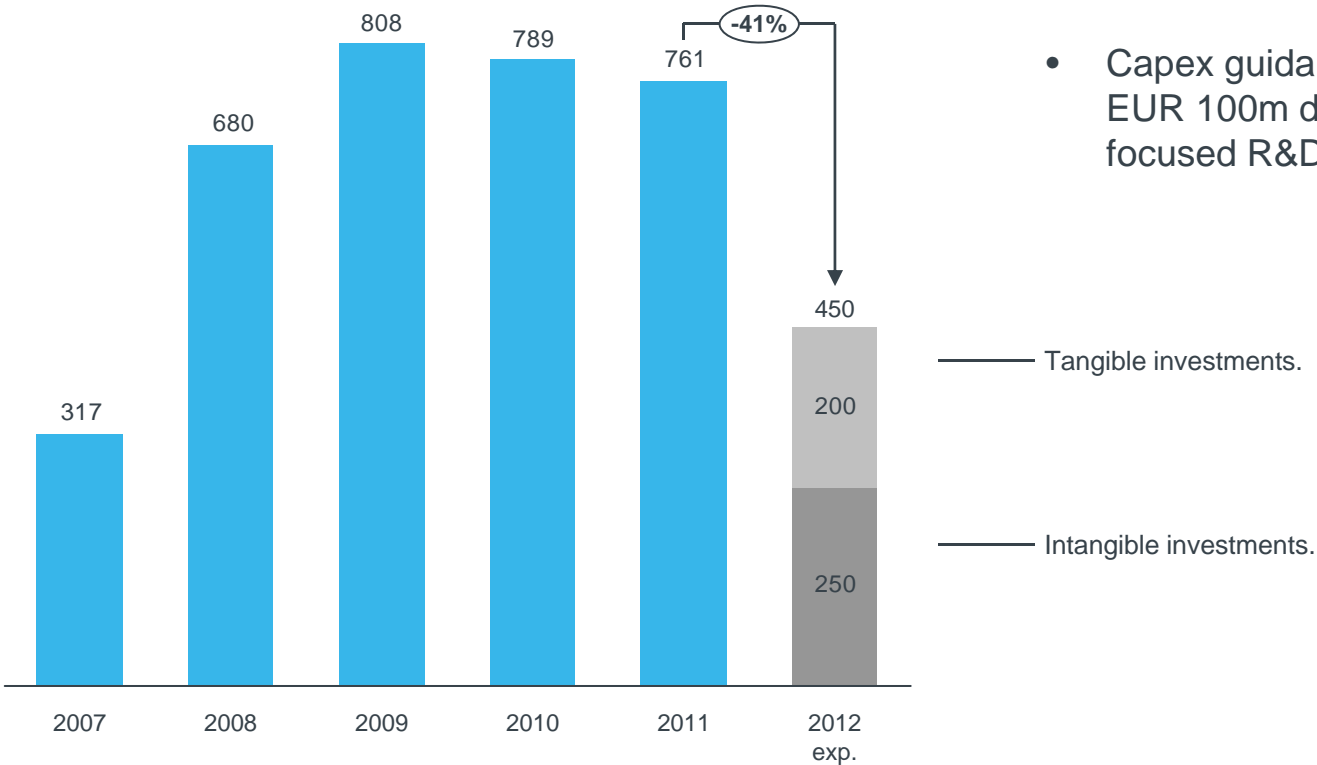
\*Before allocation of Group costs



# Investments

Capex declining after years of high investments in regionalisation and technology

Investments  
mEUR



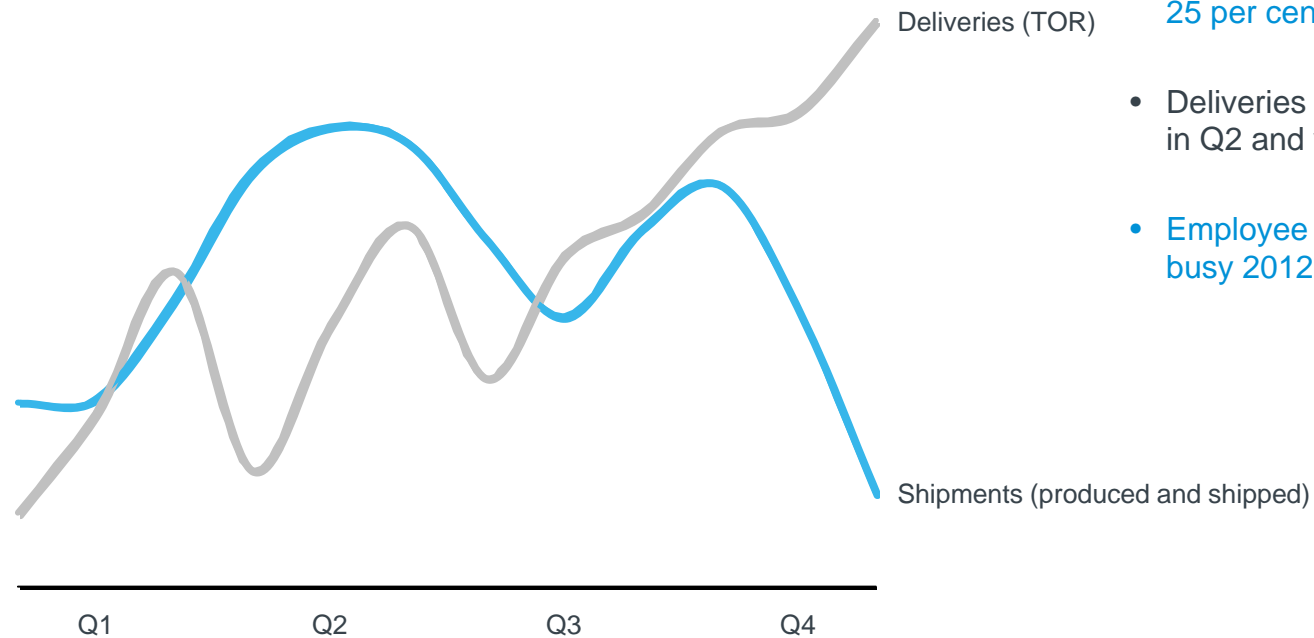
- Capex guidance lowered by EUR 100m due to more focused R&D investments.

# Changing the Vestas organisation

## In a busy 2012

### Shipment and delivery activities in 2012

Expected distribution over the year; *illustrative example*



- Shipments expected to increase by almost 25 per cent in 2012 to around 6.3 GW.
- Deliveries expected to be higher in Q3 than in Q2 and very high in Q4.
- Employee reductions are taking place during busy 2012 execution.

# Preparation for 2013 continues

- Preparing for around 5 GW in an uncertain environment while still making profit.
- Approx 19,000 employees by year-end 2012 – a total reduction of approx 3,700 employees in 2012.
- Evaluation of manufacturing footprint and identification of outsourcing opportunities.
- Fixed cost reductions of more than EUR 250m with full effect as from the end of 2012 – an increase of EUR 100m.
- Product cost-out to be intensified compared to the EUR 30m (EBIT impact) realised in 2012.
- Organisational scalability and flexibility to be further increased.

**5 GW**

**3,700** employees

**EUR >250m**

**EUR 30m**

## Financial calendar

# Capital markets day

3 October 2012

Aarhus, Denmark

### The programme includes

- Elaboration on the service business.
- Elaboration on the product cost-out programme.
- Presentation of the new management team.

3<sup>rd</sup> quarter 2012

7 November 2012 – Aarhus, Denmark



Please  
sign up before  
**14 September**  
**2012**  
at  
[CapDay@vestas.com](mailto:CapDay@vestas.com)



# 5 Questions & answers

The Vestas logo is displayed in a white, italicized, sans-serif font. It is positioned in the upper left corner of a blue sky background with wispy white clouds. A semi-transparent blue diagonal shape is visible in the top left corner, partially overlapping the logo.

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