



# Second quarter 2017

Vestas Wind Systems A/S

Copenhagen, 17 August 2017

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# Key highlights

Solid performance in Q2.

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## Increased order intake

Order intake in the quarter reached 2,667 MW.

## Revenue of EUR 2,206m

Revenue in H1 2017 of EUR 4,091m - on par with H1 2016.

## Solid earnings

EBIT margin at 12.6 percent.

## Strong service performance

Revenue increased 14 percent with an EBIT margin of 19.4 percent.

## Share buy-back programme

EUR 600m share buy-back programme launched to adjust the capital structure.

# Agenda



- 1. Orders and markets**
2. Financials
3. Outlook and questions & answers

# The wind industry is evolving

Market is transitioning to more competitive tenders and auctions.

## Americas

### PTC timing in USA...

- Continued strong US demand driven by current PTC structure and competitiveness of wind energy.

### Latin America auctions...

- New auction announced for October in Mexico.
- Argentina and Bolivia expected to announce auctions.
- Auction expected in Brazil for Q4.

## EMEA

### EU moving towards 2020 and 2030 targets by introduction of auctions...

- First two auctions held in Germany – one more to come in 2017.
- RE auctions of 8 GW held in Spain.
- Extension of Green Certificate system in Sweden.
- Auctions in Turkey and Russia.

### Positive signals in MEA...

- Steady growth and continued commitment but coming from a low base.
- 400 MW wind auction expected in Saudi Arabia in Q4.

## Asia Pacific

### Continued commitment in China...

- 13<sup>th</sup> 5-year plan wind target of 205 GW cumulative installations by 2020.
- Curtailment being addressed.
- Green Certificate system in place since 1 July.

### India remains interesting...

- Target of 60 GW by 2022 remains in place, but transition to auctions creating some short-term uncertainty.

### Broader Asia Pacific region on the move...

- Renewable targets in most markets.

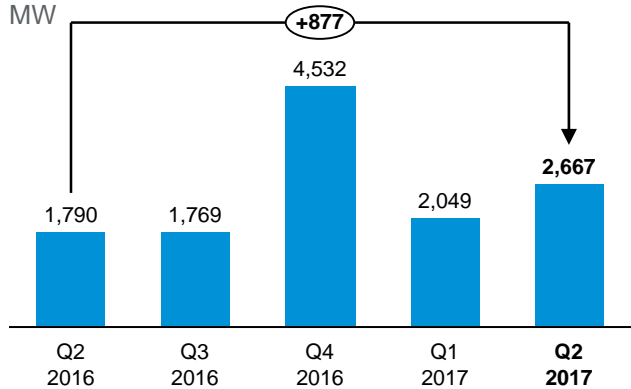
Vestas is maintaining and building its leadership position in the midst of this long-term fundamentally positive market transformation.

Vestas is confident in its strategy and its financial ambitions. Vestas continues to lower the cost of energy and optimize its products and service offerings.

# Solid Q2 order intake

Order intake at 2,667 MW. Average selling price of EUR 0.81m per MW in the quarter.

## Order intake

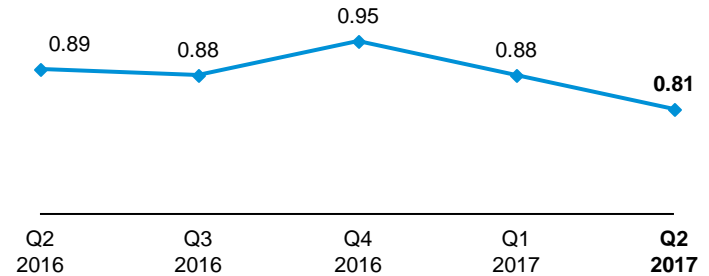


### Key takes:

- Q2 2017 order intake was 877 MW higher than in Q2 2016, an increase of 49 percent.
- USA, Sweden, Argentina, Germany, and China were the main contributors to order intake in Q2 2017, accounting for more than 70 percent.

## Average selling price of order intake

mEUR per MW

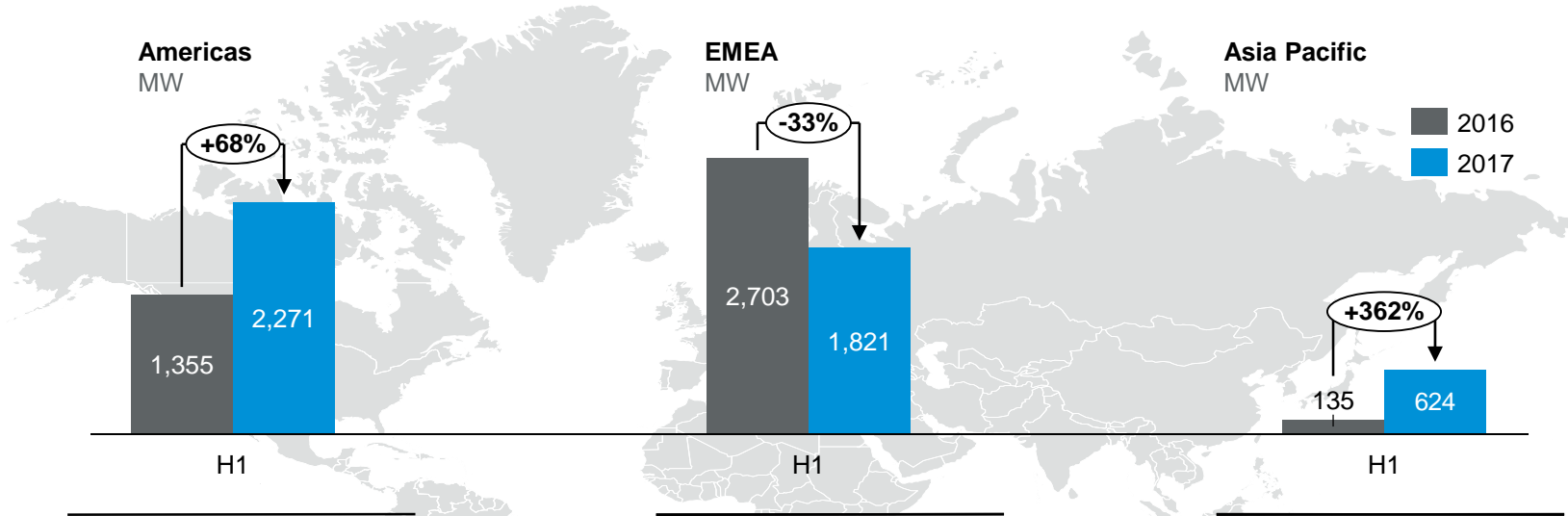


### Key takes:

- Selling price in Q2 negatively impacted by exchange rates, high proportion of Chinese orders, absence of turnkey orders, and competitive markets.
- Price per MW depends on a variety of factors, i.e. wind turbine type, geography, scope, and uniqueness of the offering.

# Solid order intake across all regions

Order intake in H1 2017 increased 12 percent compared to H1 2016, mainly driven by US, China, Argentina, and Germany.



- Increase primarily driven by **strong US order intake**.
- Good development in **Argentina** offsets decline in Canada and Brazil.

- Good activity level across **Europe** primarily driven by **Germany and Sweden**.
- Difference mainly driven by the **1 GW Statkraft order** in Q1 2016.

- Strong development in **China**.
- Activity seen in **India, Australia, and South Korea**.

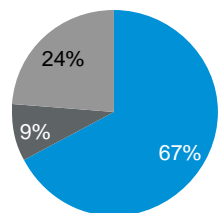
# Further strengthening our two competitive platforms

Vestas is the only company in the industry with significant volume and track record in both 2 and 4 MW segments.

## 2 MW platform

### Order intake by region, H1 2017

MW



Americas

EMEA

Asia Pacific

**Total 2 MW**  
**2,282 MW**

- V90-1.8/2.0 MW
- V100-1.8/2.0 MW
- V100-2.0 MW
- V110-2.0 MW
- V116-2.0 MW
- V120-2.0 MW

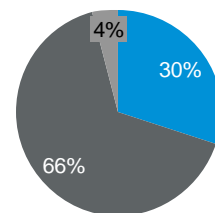
#### Demand for proven performance remains strong:

- Two new rotor sizes introduced, increasing AEP by 4-7 percent.
- Continued demand highlights flagship status of the V110-2.0 MW in the US market.

## 4 MW platform

### Order intake by region, H1 2017

MW



Americas

EMEA

Asia Pacific

**Total 4 MW**  
**2,434 MW**

- V105-3.45 MW
- V112-3.45 MW
- V117-3.45 MW
- V117-4.0/4.2 MW
- V126-3.45 MW
- V136-3.45 MW
- V136-4.0/4.2 MW
- V150-4.0/4.2 MW

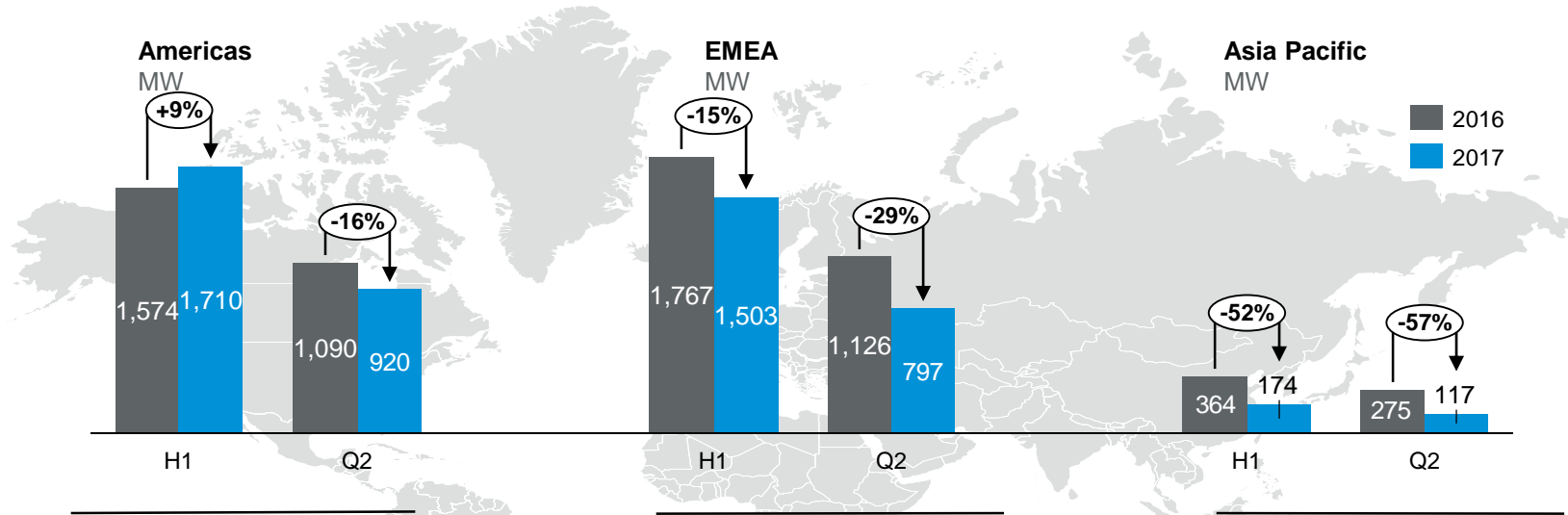
#### Largest onshore rotor in the market unlocks new opportunities:

- Upgrading to a 4 MW platform and introduction of V150 rotor. Potential to increase AEP by more than 20 percent.
- Suitable for weather conditions ranging from typhoon to ultra-low wind.



# Regional delivery split

Declines mainly seen in Europe and Asia.



- Deliveries primarily driven by **strong US market**.
- Good activity in **Brazil, Uruguay, and Mexico**.

- **Strong development in UK** deliveries.
- Good activity in **Germany, France, and Turkey** not compensating for drops in **South Africa** and **Sweden**.

- **China and India** stable.
- Low activity in other markets in Asia Pacific.

# Combined order backlog at more than EUR 20bn

Combined backlog increased by EUR 200m in the quarter, despite a negative FX impact of approx. EUR 600m.

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**EUR +0.1bn\***



**EUR +0.1bn\***

\* Compared to Q1 2017.

# JV continues positive development

Burbo Bank Extension fully commissioned, V164-9.5 MW launched.

## Since JV formation...

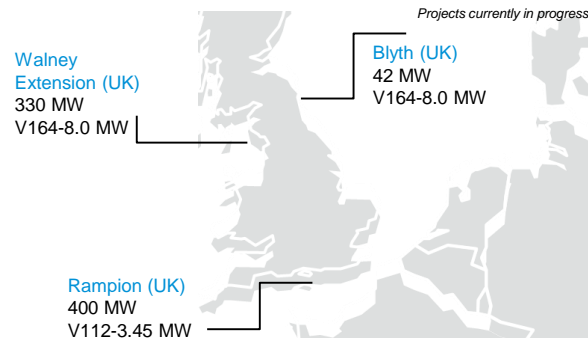
~2.5  
GW

Announced FOI

~1.0  
GW

Announced conditional & preferred supplier agreements

## Manufacturing ramp-up and near-term project execution



- Final installation and commissioning of Nobelwind (BE) and Burbo Bank Extension (UK), the world's first wind farm with V164-8.0 MW turbines.
- Began construction of state-of-the-art PCM assembly facility at Port of Esbjerg, Denmark.
- Upgraded the V164-8.0 MW platform to reach 9.5 MW at specific site conditions.

# Agenda



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# Income statement

EBIT margin at 12.6 percent. Tough comparison to a strong Q2 2016.

| mEUR   | Q2 2017 | Q2 2016 | % change   |
|--|---------|---------|------------|
| Revenue  | 2,206   | 2,557   | (14)%      |
| Production costs   | (1,722) | (1,936) | 11%        |
| Gross profit   | 484     | 621     | (22)%      |
| SG&A costs*  | (205)   | (222)   | 8%         |
| EBIT   | 279     | 399     | (30)%      |
| Income from investments in associates and joint ventures | (21)    | (17)    | (24)%      |
| Net profit   | 186     | 278     | (33)%      |
| <hr/>  |         |         |            |
| Gross margins  | 21.9%   | 24.3%   | (2.4)%-pts |
| EBITDA margin  | 18.0%   | 20.5%   | (2.5)%-pts |
| EBIT margin  | 12.6%   | 15.6%   | (3.0)%-pts |

## Key takes:

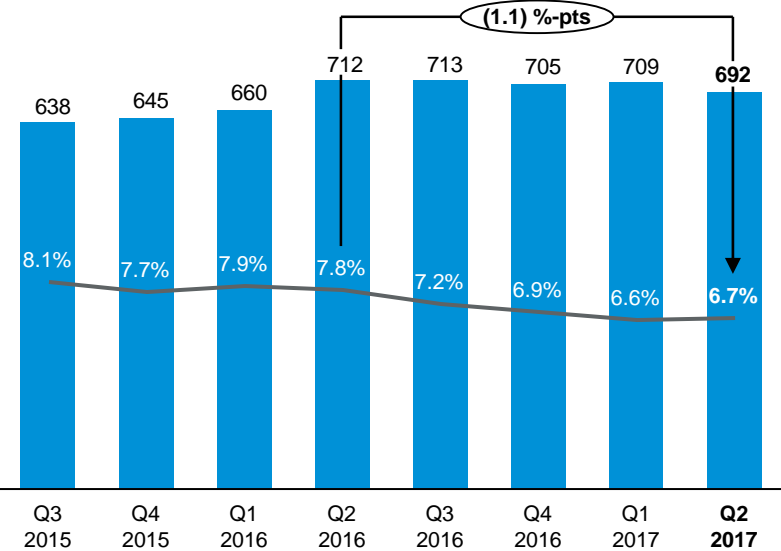
- Revenue decreased 14 percent, primarily driven by lower MW-deliveries.
- Gross profit down by 2.4 percentage points, mainly driven by the decreased revenue and lower average margins.
- EBIT down by 30 percent mainly driven by the lower gross profit and impact from facility write-down.

\* R&D, administration, and distribution.

# SG&A costs

SG&A costs continue to be under control, providing leverage YoY.

**SG&A costs (TTM)\***  
mEUR and percent of revenue



**Key takes:**

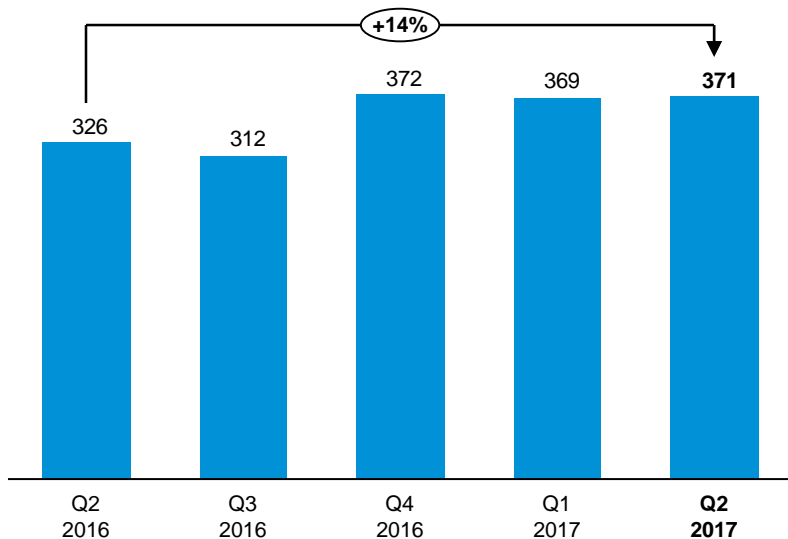
- SG&A costs slightly down YoY.
- Relative to activity levels, SG&A costs amounted to **6.7 percent** – a decrease of 1.1 percentage points compared to Q2 2016.

\* R&D, administration, and distribution on trailing 12 months basis.

# Service

Strong service performance driven by high activity levels.

**Service revenue**  
mEUR



**Key takes:**

- Service revenue increased by 14 percent compared to Q2 2016 mainly due to higher activity levels.
- Q2 2017 EBIT: EUR 72m.  
Q2 2017 EBIT Margin: 19.4 percent.
- Service order backlog growth of EUR 0.1bn compared to Q1 2017, despite FX headwind of approx. EUR 300m.

# Balance sheet

Balance sheet remains strong.

| Assets (mEUR)      | Q2 2017 | Q2 2016 | Abs. change | % change |
|--------------------|---------|---------|-------------|----------|
| Non-current assets | 2,799   | 2,556   | 243         | 10%      |
| Current assets     | 7,399   | 7,023   | 376         | 5%       |
| Total assets       | 10,198  | 9,579   | 619         | 6%       |

| Liabilities (mEUR)           |        |       |     |     |
|------------------------------|--------|-------|-----|-----|
| Equity                       | 3,142  | 2,925 | 217 | 7%  |
| Non-current liabilities      | 1,150  | 959   | 191 | 20% |
| Current liabilities          | 5,906  | 5,695 | 211 | 4%  |
| Total equity and liabilities | 10,198 | 9,579 | 619 | 6%  |

| Key figures (mEUR)              |         |         |       |          |
|---------------------------------|---------|---------|-------|----------|
| Interest bearing position (net) | 2,636   | 2,083   | 553   | 27%      |
| Net working capital             | (1,225) | (1,016) | (209) | 21%      |
| Solvency ratio (%)              | 30.8    | 30.5    | -     | 0.3%-pts |

## Key takes:

- Net cash position [increased to EUR 2,636m.](#)
- Positive net working capital development of [EUR 209m.](#)
- Solvency ratio at [30.8 percent.](#)

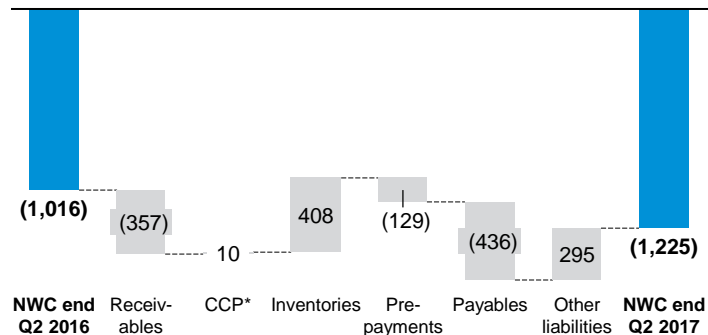


# Change in net working capital

Satisfactory net working capital management despite impact from high activity levels.

## NWC change over the last 12 months

mEUR

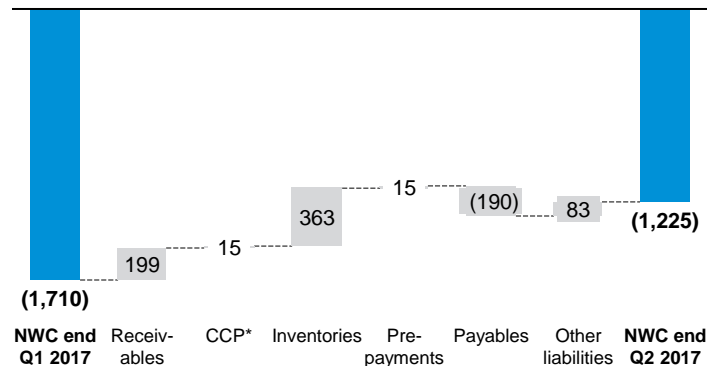


### Key takes:

- Improvement driven by [receivables](#), [prepayments](#), and [trade payables](#) mainly offset by higher [inventory](#).

## NWC change over the last 3 months

mEUR



### Key takes:

- Net working capital increased by [EUR 485m](#) in Q2 2017 due to higher activity levels.
- Development mainly driven by [higher inventories](#) and [receivables](#) slightly offset by [trade payables](#).

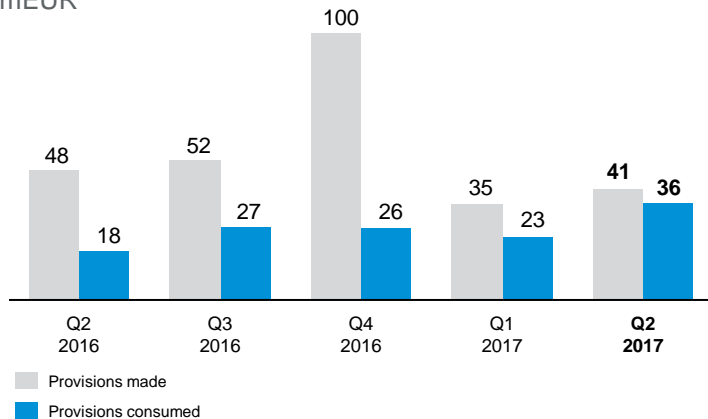
\* Construction contracts in progress.

# Warranty provisions and Lost Production Factor

Warranty consumption and LPF continue at a low level.

## Warranty provisions made and consumed

mEUR

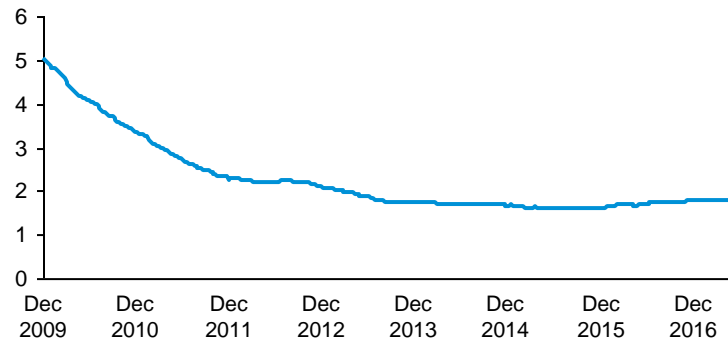


### Key takes:

- Warranty consumption increased, however in line with past provisions made.
- Warranty provisions made correlates with revenue in the quarter, corresponding to approx. [1.9 percent in Q2 2017](#).

## Lost Production Factor (LPF)

Percent



### Key takes:

- LPF continues at a low level [below 2.0](#).
- LPF measures potential energy production not captured by the wind turbines.

# Cash flow statement

Solid underlying cash generation from operating activities. Negative impact from NWC as expected.

| mEUR   | Q2 2017 | Q2 2016 | Abs. change |
|--|---------|---------|-------------|
| Cash flow from operating activities before change in net working capital | 411     | 557     | (146)       |
| Change in net working capital*   | (453)   | (131)   | (322)       |
| Cash flow from operating activities                                      | (42)    | 426     | (468)       |
| Cash flow from investing activities*                                     | (116)   | (96)    | (20)        |
| Free cash flow**   | (158)   | 330     | (488)       |
| Cash flow from financing activities                                      | (320)   | (222)   | (98)        |
| Net decrease in cash and cash equivalents                                | (478)   | 108     | (586)       |

## Key takes:

- Free cash flow of EUR (158)m.
- Underlying cash flow from operating activities at EUR 411m, driven by activity levels.
- NWC primarily impacted by inventory build-up.
- Cash flow from financing activities impacted by dividend payment.

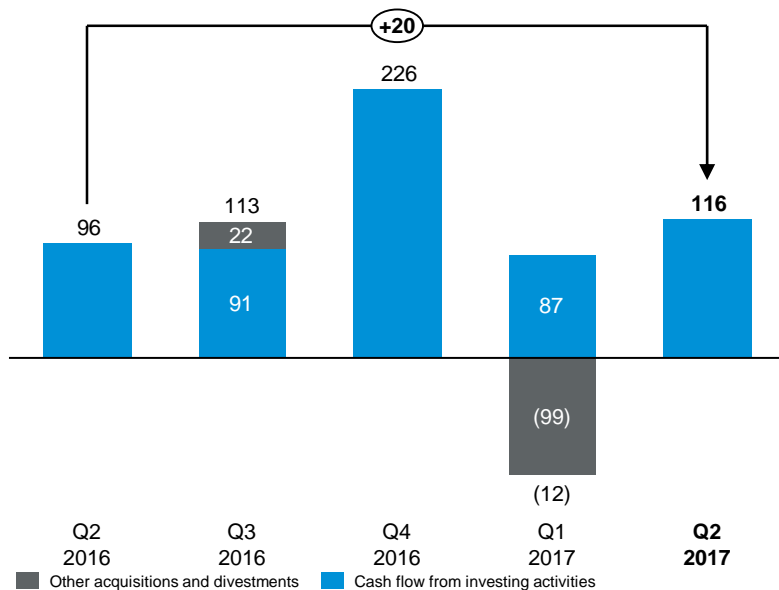
\* Change in net working capital in Q2 2017 impacted by non-cash adjustments and exchange rate adjustments with a total amount of EUR (32)m.

\*\* Before investments in marketable securities and short-term financial investments.

# Total investments

Total investments in line with expectations.

Net investments\*  
mEUR



## Key takes:

- Investments increased by EUR 20m compared to Q2 2016, primarily driven by tangible blade investments and capitalised R&D.

\* Before investments in marketable securities and short-term financial investments.

# Capital structure

Capital structure targets within set boundaries.

## Net debt to EBITDA

xEBITDA

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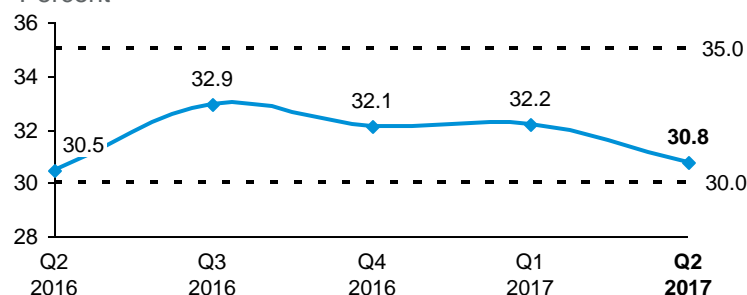
◆ Net debt to EBITDA, last 12 months  
- - - Net debt to EBITDA, financial target

### Key takes:

- Net debt to EBITDA of **(1.4)** in Q2 2017.
- Development primarily driven by lower net cash position.

## Solvency ratio

Percent



◆ Solvency ratio  
- - - Solvency ratio, financial target range

### Key takes:

- Solvency ratio of **30.8 percent** in Q2 2017.
- Q2 2017 level remains within the set boundaries and is largely in line with Q2 2016.

# Share buy-back programme of up to EUR 600m launched

Adjusting capital structure to address strong cash position, total EUR ~700m buy-backs in 2017.

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## Rationale and purpose

The expected strong 2017 cash flow allows Vestas to continue to adjust its capital structure. Combined with the approx. EUR100m share buy-back programme launched in first quarter 2017, Vestas will return approx. EUR 700m to its shareholders through share buy-backs in 2017, whilst continuing to maintain a strong balance sheet. Additionally, EUR 278m was returned as dividends in Q2.

## Size and timing

Share buy-back programme of up to DKK 4,460m (EUR 600m) in accordance with the safe harbour rules. Programme launched on 17 August 2017 and running until 30 December 2017.

## Dividend policy

Dividend policy of 25-30 percent of net profit will remain and not be affected by this share buy-back programme.

## Priorities for capital allocation unchanged

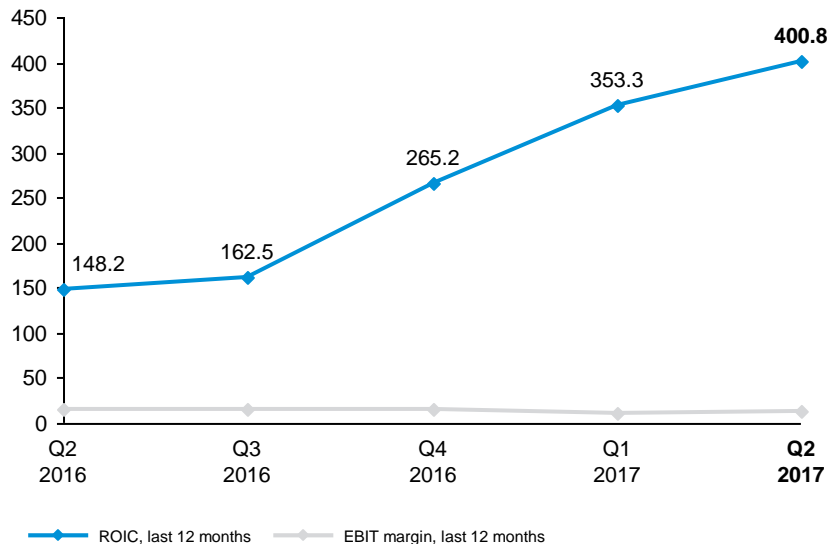
Focus on organic growth and potentially bolt-on acquisitions. Dividend payment during H1 given AGM approval and share buy-backs in H2 if relevant.

# Return on invested capital

ROIC at very high level of 400.8 percent.

## Return on invested capital (ROIC)

Percent



## Key takes:

- ROIC increased to 400.8 percent in Q2 2017, an improvement of 252.6 percentage points compared to Q2 2016.
- Development primarily driven by working capital elements as well as the improved operating result after tax.

# Agenda



1. Orders and markets
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# Outlook 2017

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|  | Outlook            |
|--|--------------------|
| <b>Revenue (bnEUR)</b>   | <b>9.25-10.25</b>  |
| <b>EBIT margin before special items (%)</b>  | <b>12-14</b>       |
| <b>Total investments (mEUR)</b><br><i>(Before investments in marketable securities and short-term financial investments, and incl. proceeds of EUR 99m from sale of office building facilities.)</i> | <b>approx. 350</b> |
| <b>Free cash flow (mEUR)</b><br><i>(Before investments in marketable securities and short-term financial investments, and incl. proceeds of EUR 99m from sale of office building facilities.)</i>    | <b>min. 700</b>    |

*The 2017 outlook is based on current foreign exchange rates.*

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# Q&A

## Financial calendar 2017:

- Disclosure of Q3 2017 (9 November)

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