



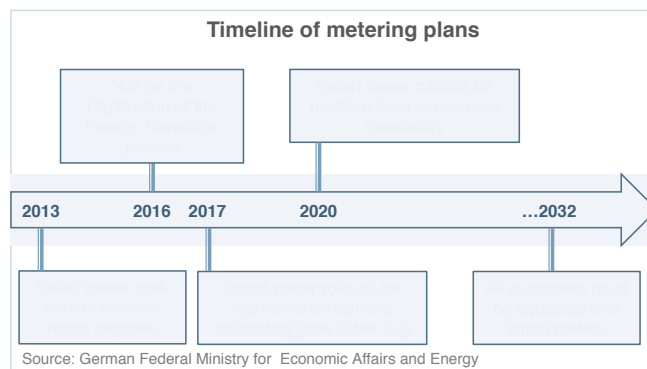
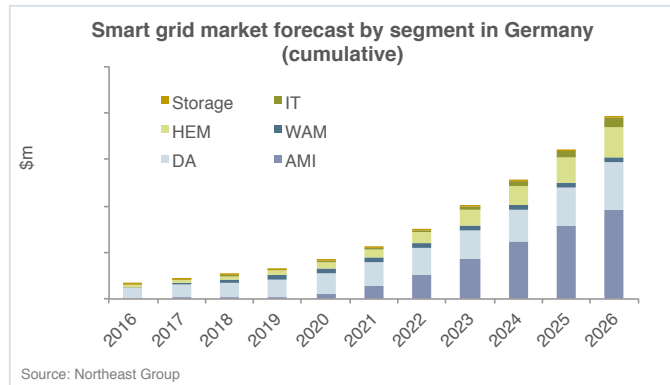
**northeast** group, llc

# Germany Smart Grid: Market Forecast (2016 – 2026)

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## Germany Smart Grid: Market Forecast (2016-2026)

Germany's smart grid market is driven by the country's *Energiewende*, a long-term transition to a low-carbon, low-consumption energy economy. Renewable energy generation and energy efficiency are the twin pillars of the *Energiewende*. The transition has focused primarily on renewable energy growth, but that will change following key smart meter legislation passed in July 2016. Smart meter rollouts will begin in 2017 in a staggered approach, with select customer classes (C&I, generating plants, and new buildings) being equipped with AMI. The far more substantial residential market will see large-scale rollouts begin in the 2020s. Germany is targeting a full rollout by 2032, but Northeast Group forecasts that it will reach this level sooner. Rollouts should be rapid due to an efficient power sector and popular support for *Energiewende*.



Regional drivers are key to the German market, as the *Energiewende* is informed by European Union directives to increase smart grid capabilities. Germany has made limited progress on these directives through 2016 due to the complexities of its power market as well as some of the world's most stringent data security standards for smart grid infrastructure. In passing key smart meter legislation in 2016, Germany is poised to make up significant ground. As the share of renewable and distributed energy resources grows larger, Germany will become increasingly dependent on continued investment in smart grid infrastructure.

Key questions answered in this study:

- How will new regulations jump-start Germany's lagging smart meter market?
- How large will the various smart grid market segments in Germany be over the next ten years?
- What programs are the different utilities in Germany planning following the new regulations?
- Who are the leading vendors and which ones are well placed to compete for this growing market?

## Table of Contents

i. Executive summary	1
ii. Methodology	7
<b>1. Germany power sector industry structure</b>	<b>9</b>
<b>2. Regulatory framework</b>	<b>14</b>
<b>3. Drivers and barriers</b>	<b>21</b>
<b>4. Market forecast</b>	<b>25</b>
<b>5. Utility smart grid activity</b>	<b>28</b>
5.1 RWE	29
5.2 E.ON	30
5.3 EnBW	31
5.4 Vattenfall	32
5.5 Municipal utilities	33
<b>6. Vendors</b>	<b>34</b>
<b>7. Appendix</b>	<b>36</b>
5.1 List of companies covered in this study	36
5.2 List of acronyms and abbreviations	37

## List of Figures, Boxes, and Tables

Germany smart grid: Key takeaways	2
EU cost-benefit analysis results – Net benefit per endpoint	3
EU smart metering through 2020	4
Wind and solar % of installed capacity	4
Germany smart grid policy path	5
Smart grid market forecast by segment in Germany	6
Germany smart grid forecast data	6
Table 1.1: Germany key stats (2015)	9
Figure 1.1: German power sector – market share	9
Figure 1.2: Energiewende targets	10
Figure 1.3: Generation mix	10
Figure 1.4: Energy supply 2010 to 2015	11
Figure 1.5: 2014 electricity price - residential (€/kWh)	11
Figure 1.6: TSO operating areas	12
Figure 1.7: 2015 Power exchanges (GWh)	12
Table 1.2: 4 largest power utilities	13
Figure 1.8: Power retail companies in Germany market	13
Figure 2.1: 2013 Germany CBA smart meter penetration forecast	14
Figure 2.2: Europe AMI penetration by 2020	15
Box 2.1: German legislation approved in July 2016	16
Figure 2.3: Timeline of metering plans	17
Table 2.2: Smart metering rollouts through 2020	17
Figure 2.4: 'Electric Mobility Showcase' projects by region	20
Figure 3.1: German residential electricity tariff	21

## List of Figures, Boxes, and Tables (cont.)

Figure 3.2: Tariff breakdown	21
Figure 3.3: Germany installed generation capacity (GW)	22
Figure 3.4: German utilities – Earnings per share	23
Figure 3.5: Support for Energiewende	24
Figure 4.1: AMI penetration rate	25
Figure 4.2: AMI forecast comparison (cumulative)	25
Figure 4.3: Smart grid market forecast by segment in Germany	26
Table 4.1: Germany smart grid forecast data	26
Figure 4.4: AMI market forecast by segment in Germany	27
Table 4.2: Germany AMI forecast data	27
Table 5.1: Distribution utility smart meter activity	28
Table 5.2: RWE key stats	29
Table 5.3: E.ON key stats	30
Table 5.4: EnBW key stats	31
Table 5.5: Vattenfall (Germany) key stats	32
Table 5.6: Key municipal utilities	33
Table 6.1: Other vendors positioned to serve the German market	35

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