

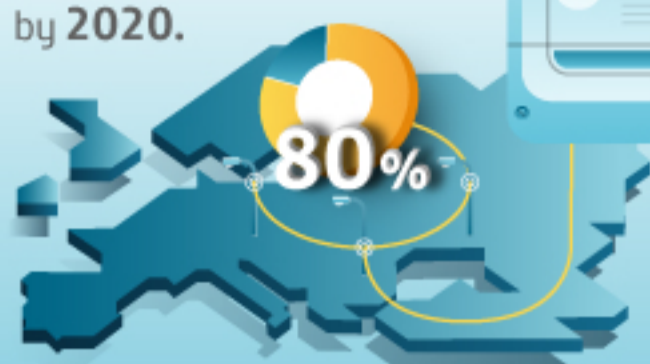


5 SAVING & EFFICIENCY KEY FACTORS IN SMART ENERGY SOLUTIONS



Smart Metering adoption

The EU aims to replace at least **80%** of electricity meters for smart meters by **2020**.



200 million smart meters for electricity and **45 million** for gas will be rolled out in the EU by 2020.

Precision & Accuracy



On average, smart meters provide savings of **€160 for gas and €309 for electricity** per metering point.

Automated energy consumption measurement saves

€15.33

per household meter per year



Automated monitoring allows the precise amount of consumption to be measured, **reducing billing errors**.

Management



Electrical smart meters provide **20 to 40 years** of reliable service.

20

40



Over the long run, with proper monitoring and control of energy usage, the whole energy system can achieve up to **30% savings**.

Environmental

Electricity accounts for up to **50% of CO₂** emissions attributable to residential and commercial buildings.



By **2030** global electricity consumption will be **70% higher than it is today**.



Rolling out smart metering and smart grids can reduce emissions in the

EU by up to 9%



Energy Management can reduce Climate Change impact by

16.5% by 2020

Investment

Smart Energy revenue is expected to grow from

\$7.3 billion in 2015

to

\$20.9 billion in 2024



This represents a potential investment of **€45 billion**

The EU expects to invest **€16.9 billion** in sustainable and low-carbon energy projects **by 2020**

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