SMART 2020

THE °CLIMATE GROUP

This is part of
THE CLEAN REVOLUTION

SMART 2020 Initiative

Saving 15% of Global Emissions in 2020

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The Climate Group

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Who We Are

The Climate Group is an independent non-profit
organization working with leading companies, states
and cities around the world to show that cutting
carbon makes good sense not just for the
environment, but for jobs and economic growth.

The Surplus City

Cities are a focal point for our work because cities are home to half the world's population and are responsible for up to 80% of Greenhouse Gas (GHG) emissions.

— **15% of global emissions** can be saved in 2020 through ICT-enabled solutions

— **Smart grid can save 2 Gt Co2e in 2020**

— **15 - 40% of energy in buildings** can be saved through smarter design, management and use of building systems

— **$2.2 trillion market** for low carbon products and services in 2020

— **EUR 600 bn savings** available (annually) in 2020 through ICT-enabled EE

— **$300 bn** market opportunity for **residential retrofit** in the US alone (Bloomberg)

— **HEM market** predicted to be worth **$1bn in 2016** in the US, **EUR 2.6 bn** in EU

— Growth in public APIs of 400% annually since 2005 shows level of interest by third parties to develop solutions such as real time transportation management (Upcoming report)

Network Approach

5 billion people have mobile phones
2 billion people have internet connections
50 billion machine-to-machine connections are expected in the next 10 years
This creates new data, and unlocks a new information industry to solve public problems

Is it more important that we have the technologies today to drive urban innovation for sustainability? Or the governance and metrics to know whether we are on track?

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For More Information

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