

# The Energy Productivity Challenge



The 2015 Energy Productivity and Economic Prosperity Index reveals how energy productivity will boost the economy, create jobs and contribute to saving the environment

Making better use of **global energy**



**98%**

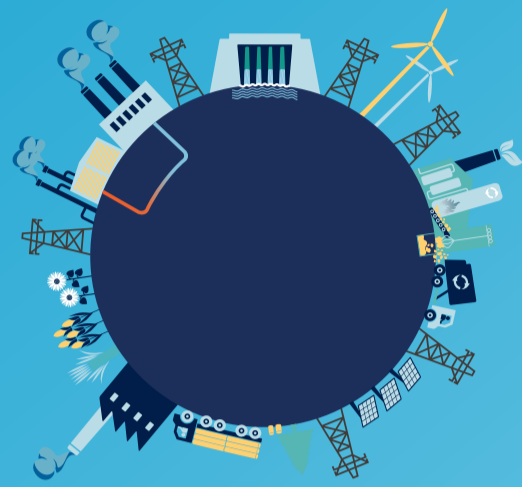
of all **energy produced globally is wasted** through inefficiency



The same as when **you boil an egg** - only **2% of the energy** used goes into cooking it

by **2030**

Europe could **double its energy productivity** by better use of existing energy-efficient technology

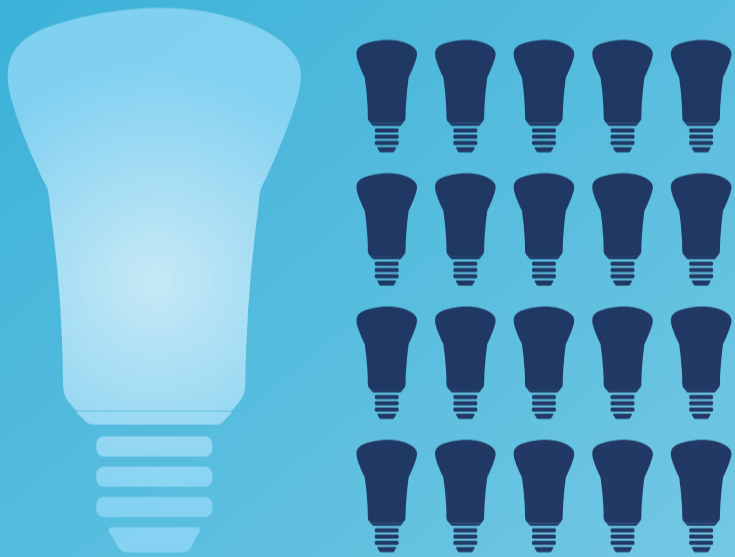


... and **cut its energy consumption** by **35%**

**LED** Lighting

can help households **improve their energy productivity** by

**500%**



If Europe's energy productivity doubles...

**1.2** million jobs created

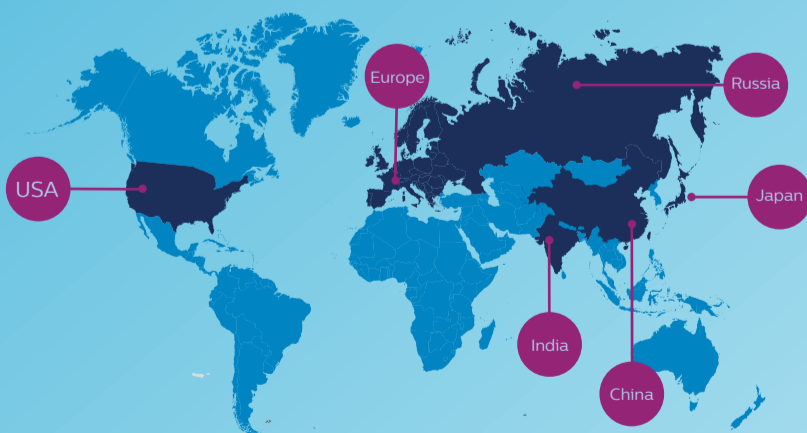


by 2020



Household energy bills cut by a third by 2030

The world's **six largest economies**



can **achieve the highest** energy productivity gains as they account for

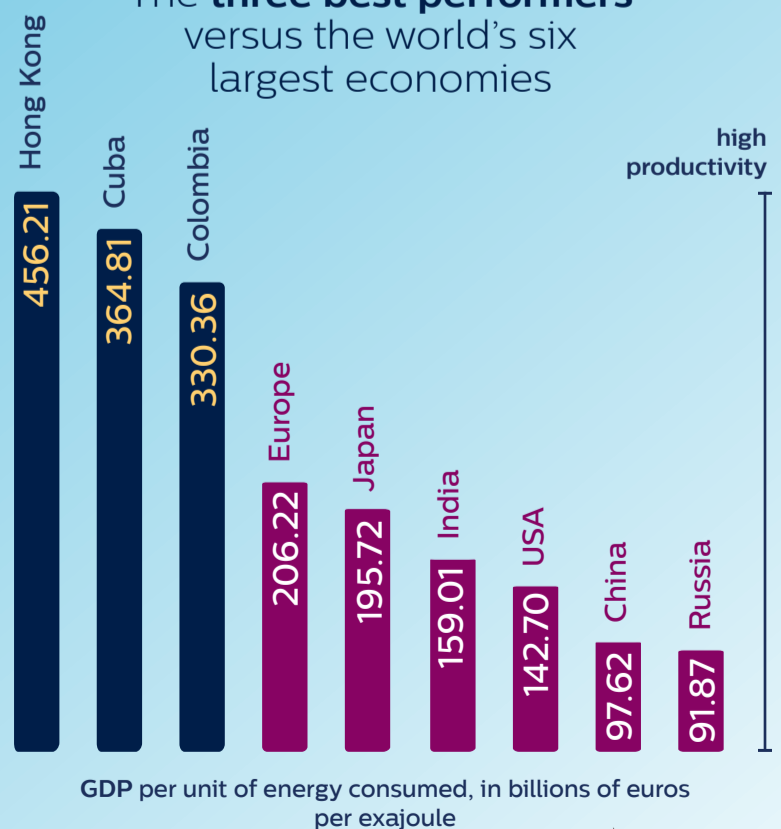
**60%** of global **GDP**

&

**65%** of global **energy demand**

**Global Energy Productivity**

The **three best performers** versus the world's six largest economies



Source: The 2015 Energy Productivity and Economic Prosperity Index

The research, commissioned by Royal Philips, ranks countries by their energy productivity – the amount of GDP they produce for every unit of energy they consume. This differs from energy efficiency, which means using less energy to deliver the same service.