



# — The World's Energy - Smart Companies, doing more with less

## Purpose

The Climate Group's global EP100 initiative in partnership with the Alliance to Save Energy brings together a growing group of energy-smart companies committed to improving their energy productivity and doing more with less.

By integrating ambitious energy targets into business strategy, leading companies are driving innovation in energy efficiency and increasing competitiveness while delivering on emissions reduction goals.

The International Energy Agency (IEA) estimates that improvements in energy efficiency can deliver over 40% of the greenhouse gas emissions reductions needed to meet global climate goals.<sup>1</sup> In addition to enabling a faster shift to renewables, energy efficiency improvements add enormous value to global GDP and boost companies' bottom lines.

## The business case

Energy productivity is the ratio of economic output to energy consumption – so improving energy productivity means getting more economic output out of every unit of energy consumed.

Focusing on improving energy productivity enables companies to apply a financial lens to their energy use and empowers them to align their business growth with sustainability targets.

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We see EP100 as a coalition of game changers and influencers to combat climate change.

**Ibrahim Al Zu'bi**,  
Chief Sustainability Officer,  
Majid Al Futtaim

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Right now, there's a lot of focus on the cement sector and our response to climate change. At Ultratech we are trialing different options such as digitalizing and automating our industrial processes.


**Avinf Bodhankar**,  
Chief Sustainability Officer,  
Ultratech Cement

By implementing energy efficient technology, digitalizing systems and changing operational behavior, businesses maximize the 'services' provided by each unit of energy they consume, helping to increase overall productivity.

EP100 companies are also driving wider economic benefits by helping to reduce primary energy demand and advance energy efficient technologies. Research suggests this will add US\$18 trillion to global GDP through 2035<sup>2</sup>, while a 2015 report for ClimateWorks showed energy efficiency will reduce the cost of related decarbonization efforts by up to US\$2.8 trillion.<sup>3</sup>

## Commitment pathways

To become a member of EP100\*, companies choose among three commitments:

<b>Double Energy Productivity</b>	<ul style="list-style-type: none"> <li>A company commits to doubling its economic output from every unit of energy it consumes globally within 25 years, with a baseline year of 2005 at the earliest. The company chooses a relevant energy productivity metric (e.g. revenue/gigajoules (GJ) of energy) to track and report.</li> </ul>
<b>Implement an Energy Management System</b>	<ul style="list-style-type: none"> <li>A company with commercial buildings or industrial manufacturing space implements an energy management system (EnMS) globally within 10 years and commits to an energy productivity target.</li> <li>Deploying an EnMS is a foundational step toward improving energy productivity. Energy savings are reported annually, and companies that already have an EnMS may join.</li> </ul>
<b>Net Zero Carbon Buildings</b> 	<ul style="list-style-type: none"> <li>A company commits to owning, occupying and developing buildings that operate at net zero carbon emissions by 2030. A net zero carbon building reduces energy demand, is highly energy efficient and is fully powered by renewable electricity.</li> <li>This Net Zero Carbon Buildings Commitment is led by the World Green Building Council, giving insight to a company's emissions, energy demand reductions, and renewable energy solutions at an asset and portfolio level.</li> </ul>

\*Currently, there are no fees to join EP100

## How we work

The Climate Group shares the compelling business case for increasing energy efficiency, encourages knowledge-sharing and peer-learning through webinars and events, and showcases member leadership through speaking slots, digital media and media outreach.

EP100 is delivered as part of the We Mean Business coalition. Alongside renewable power and electric vehicles, making smarter use of energy is a practical step companies can take to lower their emissions, future-proof their business and demonstrate climate leadership.

To find out more, [visit theclimategroup.org/EP100](https://theclimategroup.org/EP100), follow **#EP100** on Twitter, or contact Maria Rojas, [mrojas@theclimategroup.org](mailto:mrojas@theclimategroup.org)

<sup>1</sup> Market Report Series: Energy Efficiency 2018, International Energy Agency, 2018

<sup>2</sup> World Energy Outlook, International Energy Agency, 2012

<sup>3</sup> How Energy Efficiency Cuts Costs for a 2-Degree Future, Fraunhofer Institute for Systems and Innovation Research ISI, 2015