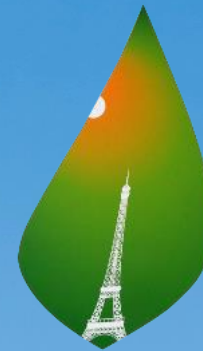


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PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



Low Carbon Technology Partnerships initiative





Low Carbon Technology Partnerships initiative

María Mendiluce

Director Climate and Energy

World Business Council for Sustainable Development

UN Secretary General Ban Ki-moon calls upon all CEOs to:



- base their actions on science
- be carbon pricing champions
- integrate climate solutions into their core businesses

*at the 2015 WEF Annual Meeting in Davos

pathways to deep decarbonization

2014 report

IDDRI
SciencesPo



2035 2040 2045 2050

Technology Roadmap

Biofuels for Transport

The logo for the International Energy Agency (IEA), consisting of the letters "iea" in a green circle followed by the text "International Energy Agency".

International Energy Agency

2035

Technology Roadmap

Solar Photovoltaic Energy

The logo for the International Energy Agency (IEA), consisting of the letters "iea" in a green circle followed by the text "International Energy Agency".

International Energy Agency

2035

Technology Roadmap

Carbon capture and storage

The logo for the International Energy Agency (IEA), consisting of the letters "iea" in a green circle followed by the text "International Energy Agency".

International Energy Agency

Technology Roadmap

Solar Photovoltaic Energy

2014 edition

Technology Roadmap

Carbon capture and storage

2013 edition

Cement Technology Roadmap 2009

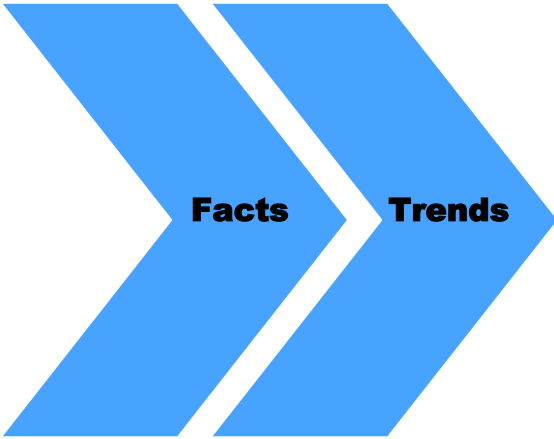
Carbon emissions reductions up to 2050


The logo for the World Business Council for Sustainable Development (WBCSD), featuring a green globe icon and the text "World Business Council for Sustainable Development".

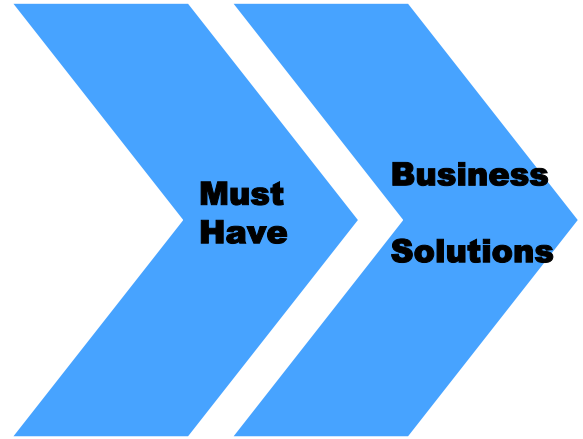
World Business Council for Sustainable Development

The logo for the International Energy Agency (IEA), consisting of the letters "iea" in a green circle followed by the text "International Energy Agency".

International Energy Agency



 Climate Change	 Nutrient Elements	 Ecosystems
 Exposure to Harmful Substances	 Water	 Basic Needs & Rights
 Skills & Employment	 Sustainable Lifestyles	 Food Feed Fibre & Biofuel



Action2020

led by the WBCSD

A Science-based **MUST HAVE** on climate change



2°C

With the goal of limiting the rise in average global temperature to 2°C above pre-industrial levels, by 2020 the world **MUST HAVE** energy, industry, agriculture and forestry systems that simultaneously:

Meet societal development needs

Undergo the necessary structural transformation to ensure that cumulative net emissions do not exceed one trillion tonnes of carbon

Become resilient to expected changes in climate



SCALE UP



NOW



LCTPi active working groups



Renewables
(including smart grids)



Carbon Capture
& Storage



Energy Efficiency
in Buildings



Materials: Cement
Sustainability Initiative



Advanced Biofuels



Climate Smart
Agriculture



Forests & Forest
Products as Carbon Sinks



Materials:
Chemicals

LCTPi groups in scoping phase



Carbon Capture & Use



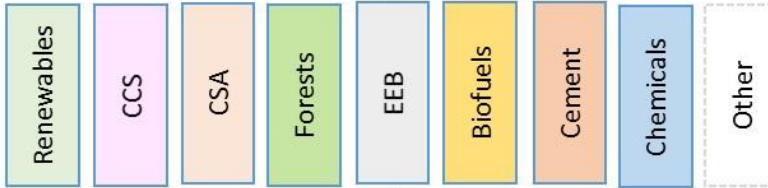
Low Carbon
Freight Transport



Digitization

Aggregate impact of LCTPi

Report or communications materials that include high level messages, aggregate emissions reductions, scalability of LCTPi actions, economic impact



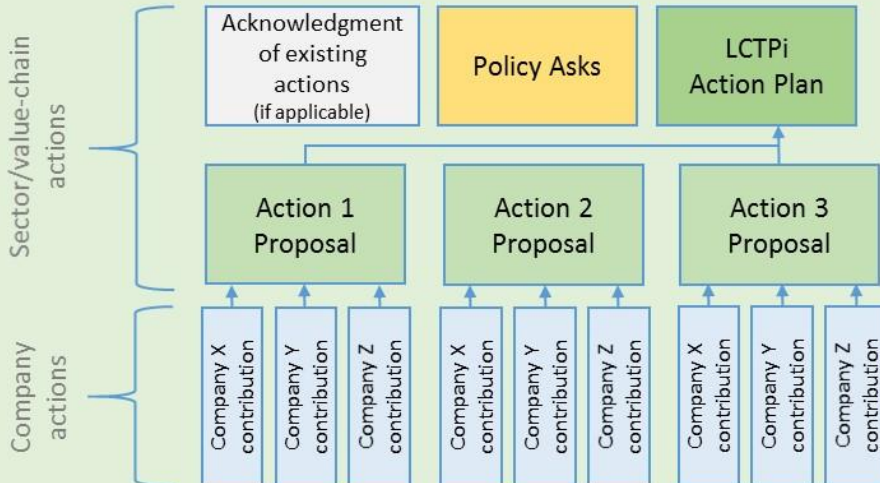
Individual LCTPi deliverables

Statement of ambition

Context & Business case

Barriers

Solutions



The movement is growing fast

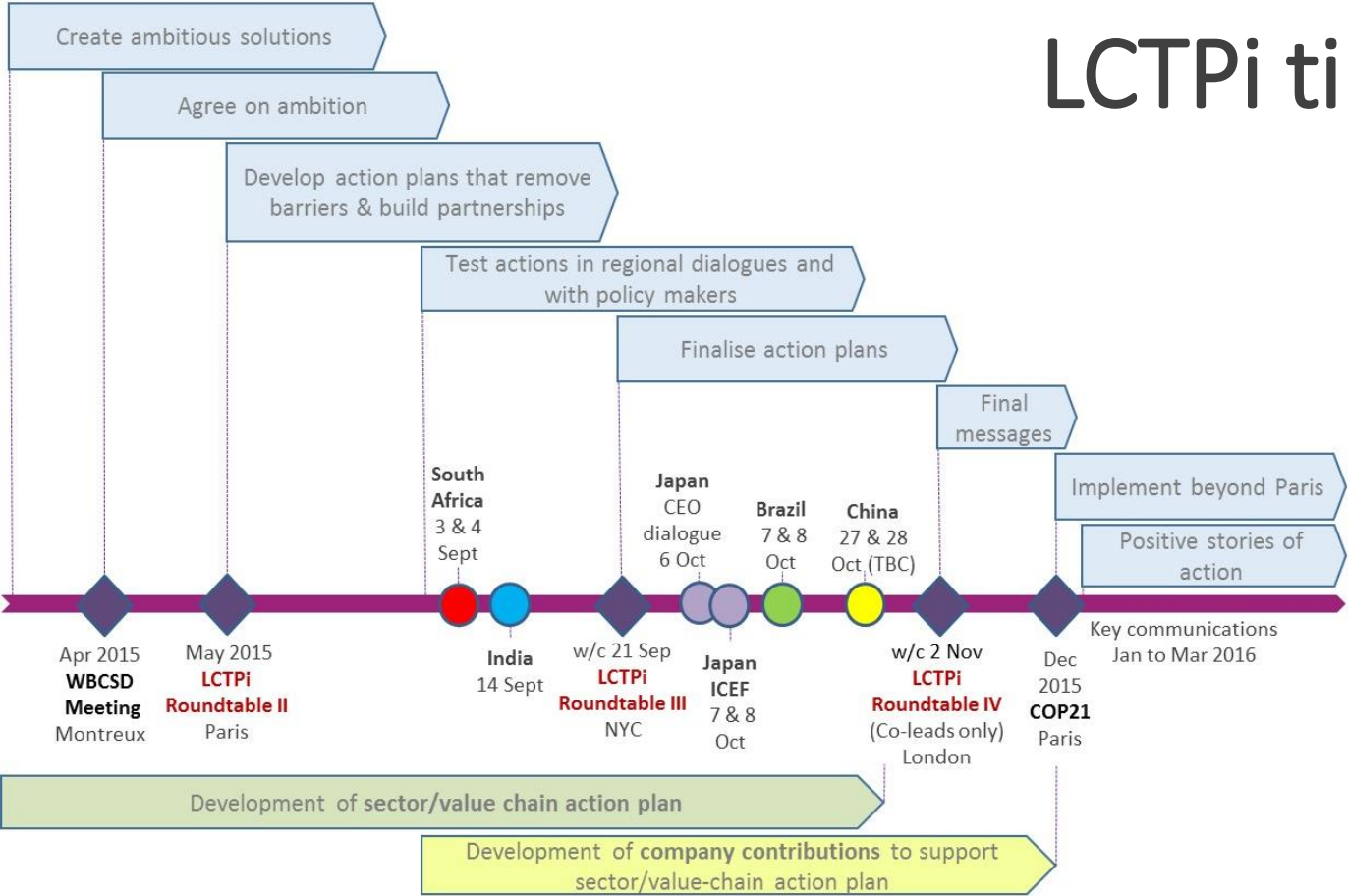
- 8 active LCTPi working groups
- 170 participants
- 139 institutions
- 99 companies involved in LCTPi working groups
- 82 active/lead companies
- 29 partners



Companies who are actively involved include:



LCTPi timeline





Low Carbon Technology Partnerships initiative

<http://lctpi.wbcserver.org/>

For more information contact:

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