

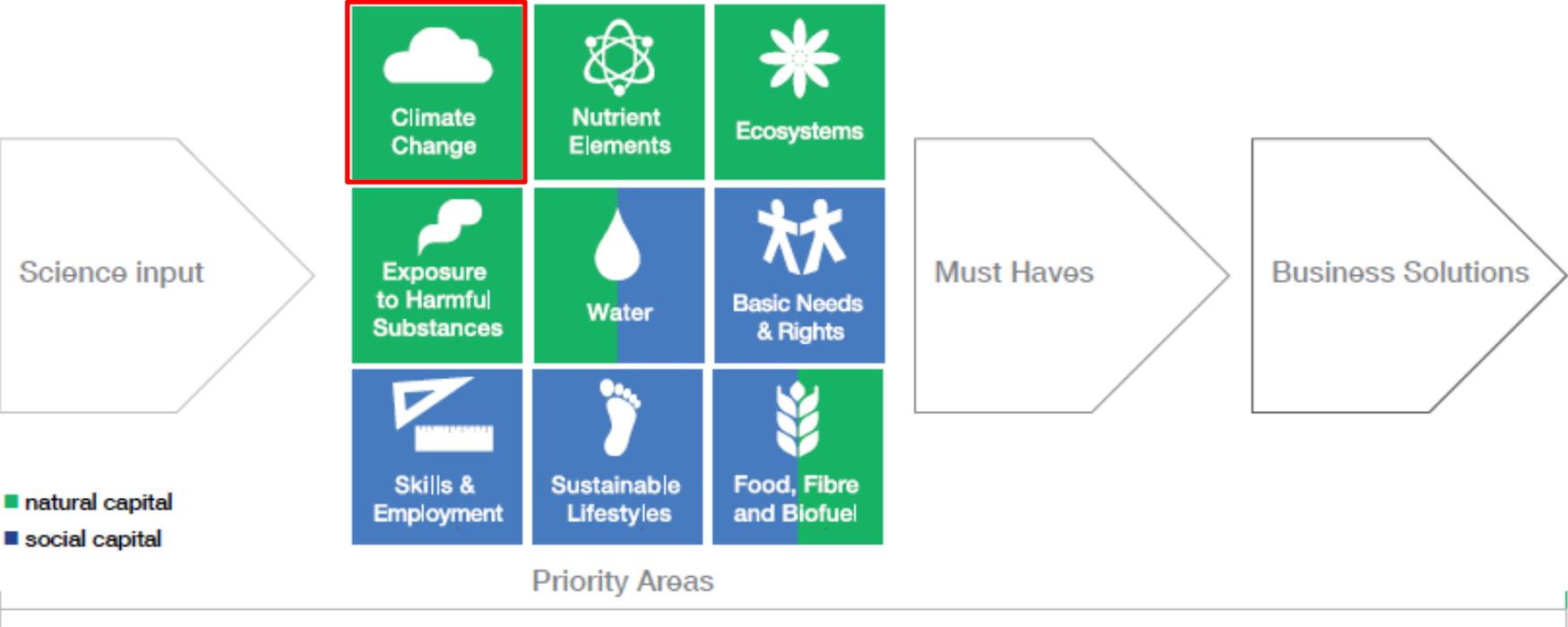


Business solutions for climate mitigation

María Mendiluce, Director Climate and Energy, WBCSD

Energy Day, Lima, 5 Dec 2014

Action2020 Process



Climate Change Societal Must Have

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

- Meet societal **development** needs
- Are undergoing the necessary structural transformation to ensure that cumulative net emissions* do not exceed **one trillion tonnes of carbon**. Peaking global emissions by 2020 keeps this goal in a feasible range
- Are becoming **resilient** to expected changes in climate.

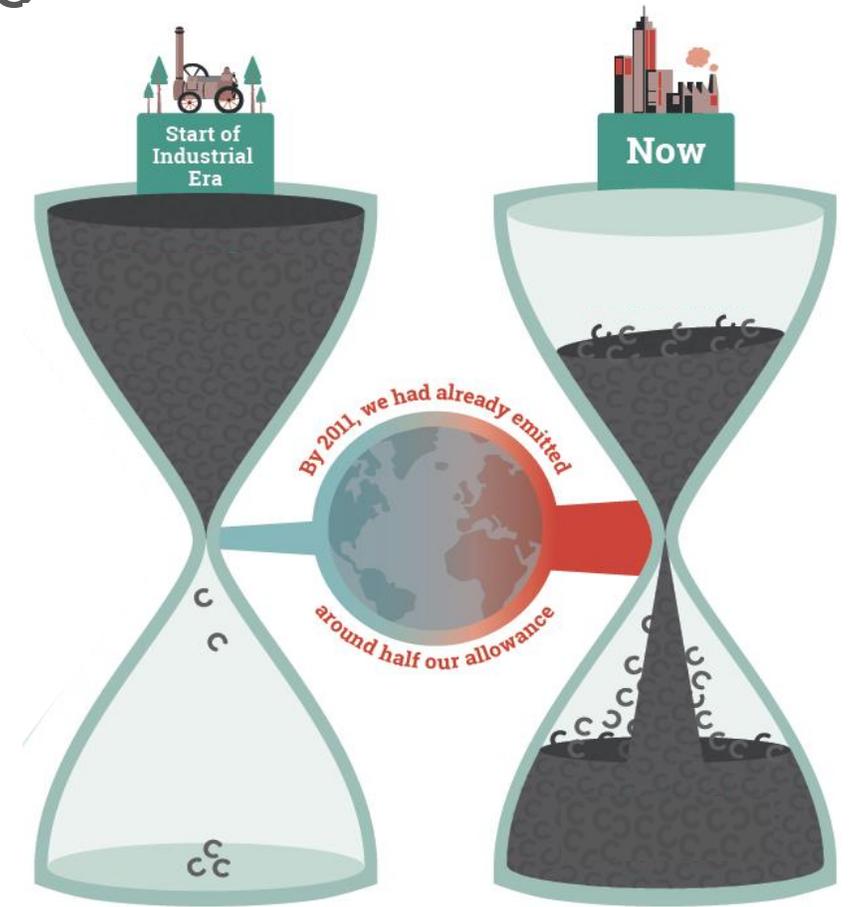


Image Source: European Climate Foundation

* Anthropogenic CO₂ emissions from preindustrial levels as outlined in the IPCC Working Group Fifth Assessment Report. One trillion tonnes carbon = 3.67 trillion tonnes CO₂

Climate Business Solutions Action2020

Replace fossil fuels



Scaling up
Renewables



Low Carbon
Electrification of
Remote Areas



Improve efficiency



EEB



Sequester GHG emissions



Forests as Carbon
Sinks



Carbon Capture
Utilization and
Storage



Resilience



Resilience to
Climate Change in
Globally
Interdependent
Business



Building
Resilience in the
Power Sector



Resilience in
Concrete
Buildings and
Infrastructure



System wide solutions



Sustainable
Mobility



Utility of the
Future

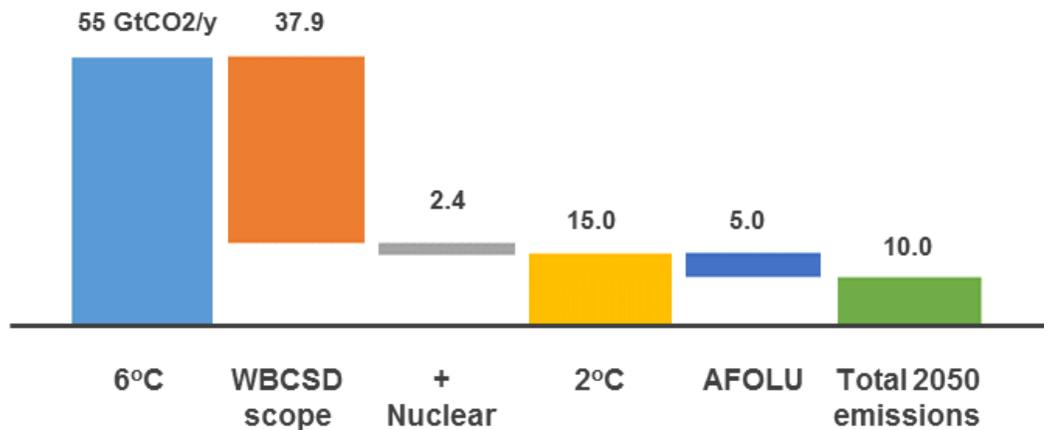


Electrifying Cities
towards Zero
Emissions

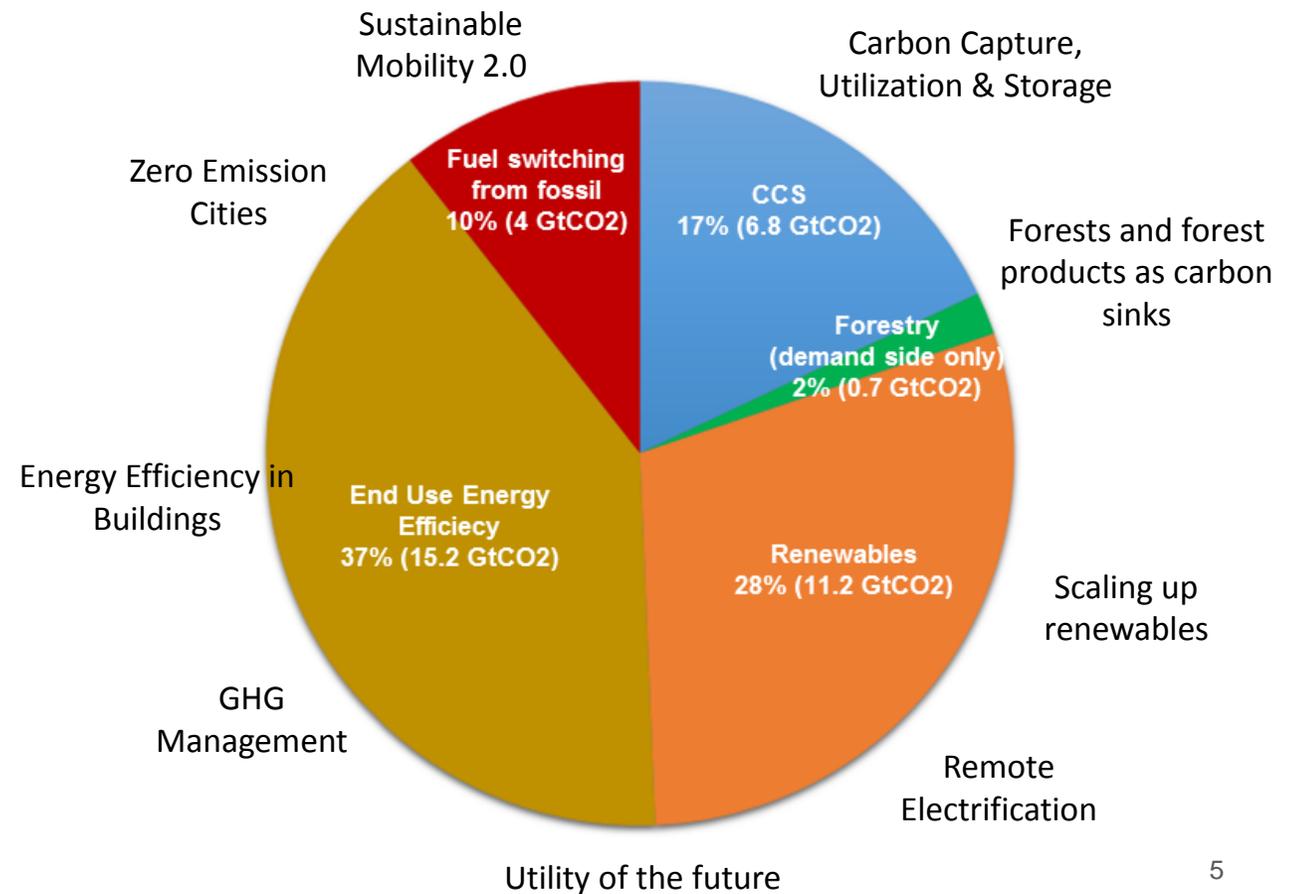


WBCSD work enables scale up of main mitigation levers to reach 2°C

6°C to 2°C Mitigation Potential to 2050

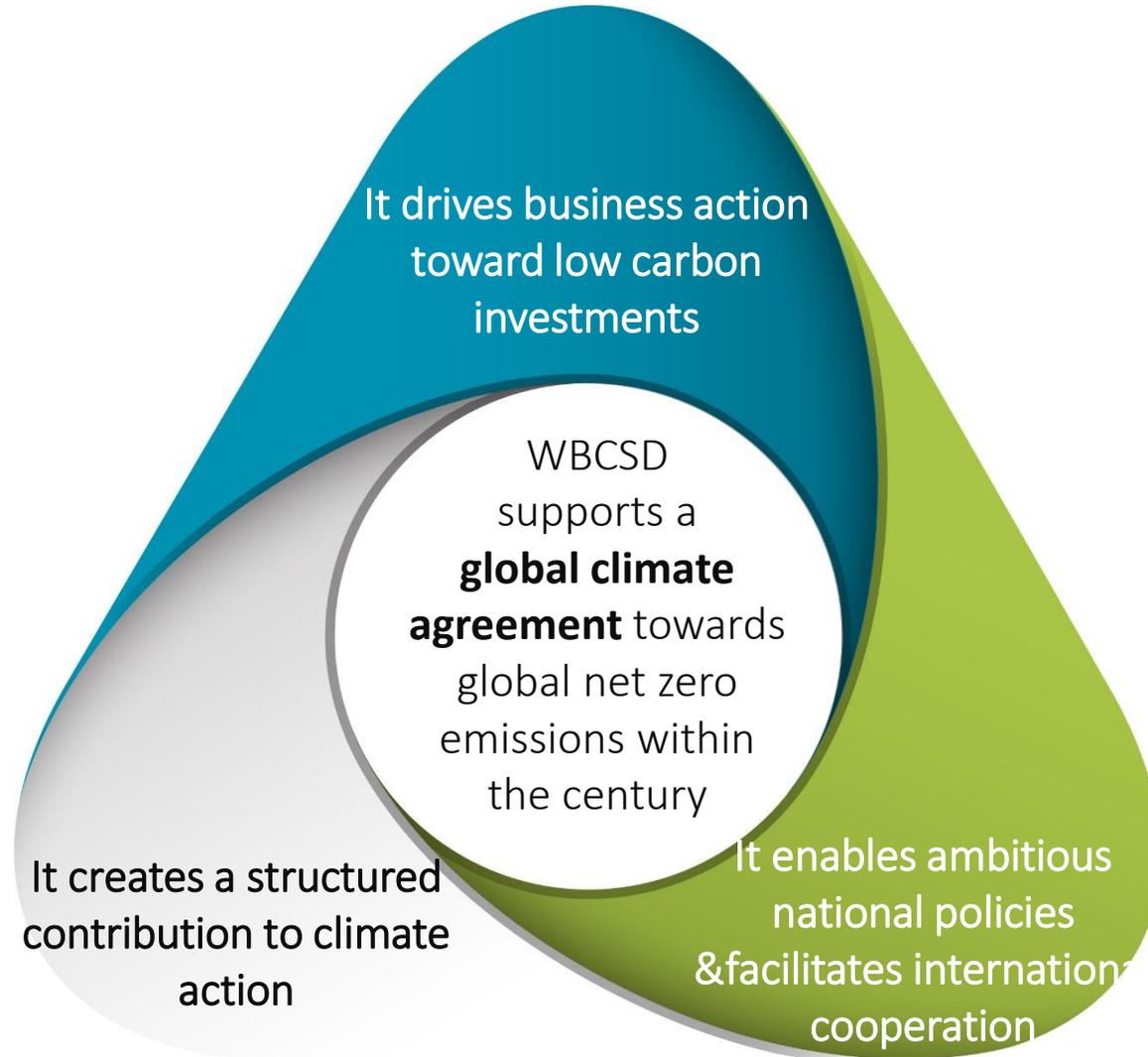


WBCSD Business Solutions

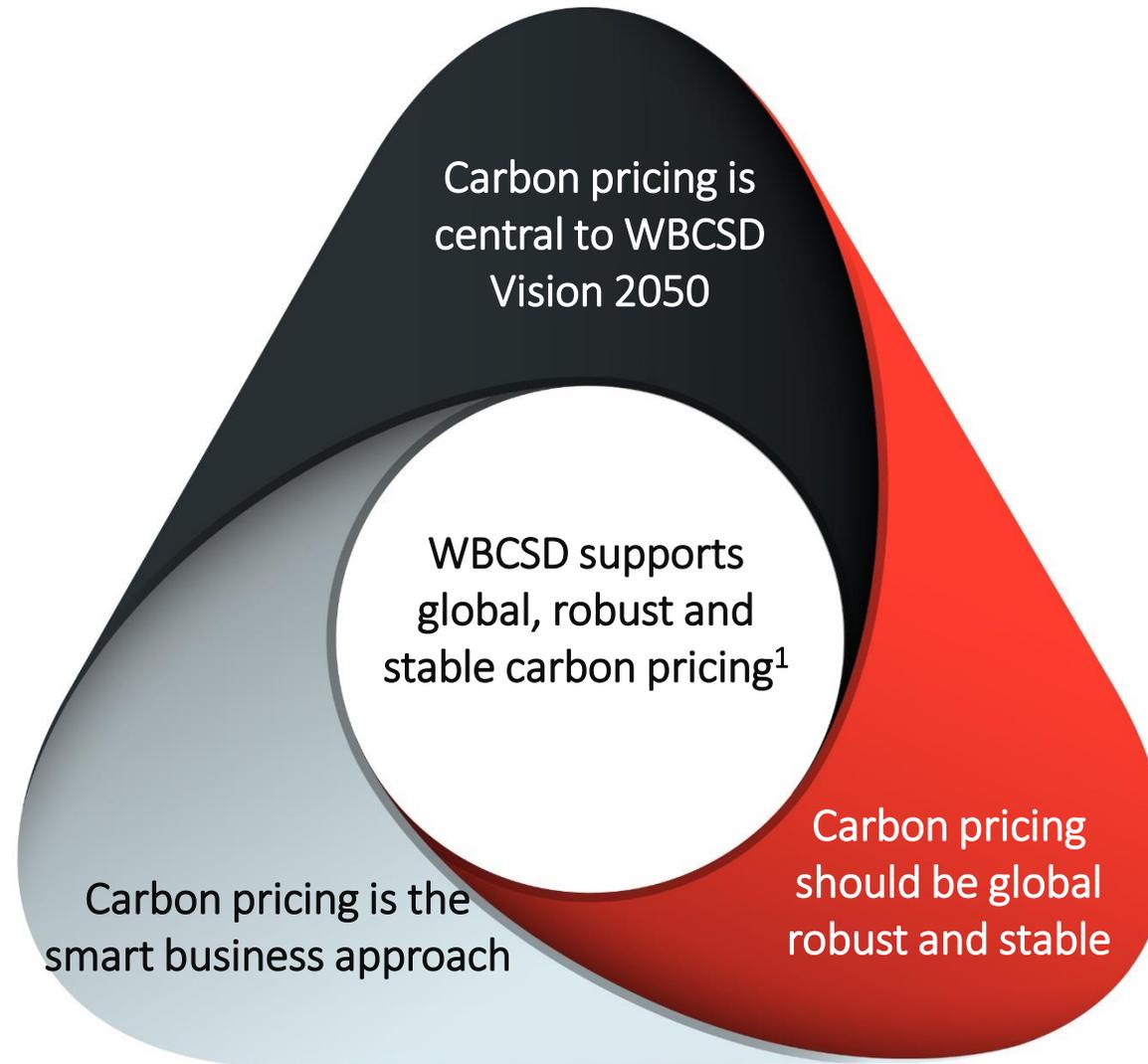


Sources:
 Energy: IEA ETP 2014 data visualisation (2050 potential)
 AFOLU and demand side forestry: IPCC AR5 WG3, p.851, table 11.8
 AFOLU = Agriculture, Forestry and Land Use (2030 x of 100\$ potential)

WBCSD views on Climate Agreement



WBCSD views on Carbon Pricing



¹ Pricing carbon can be done through a range of instruments such as emissions trading scheme, regulatory standard or best available technology requirement, and the choice of instrument will depend on national and sectoral circumstances.

WBCSD Technology Messages

