

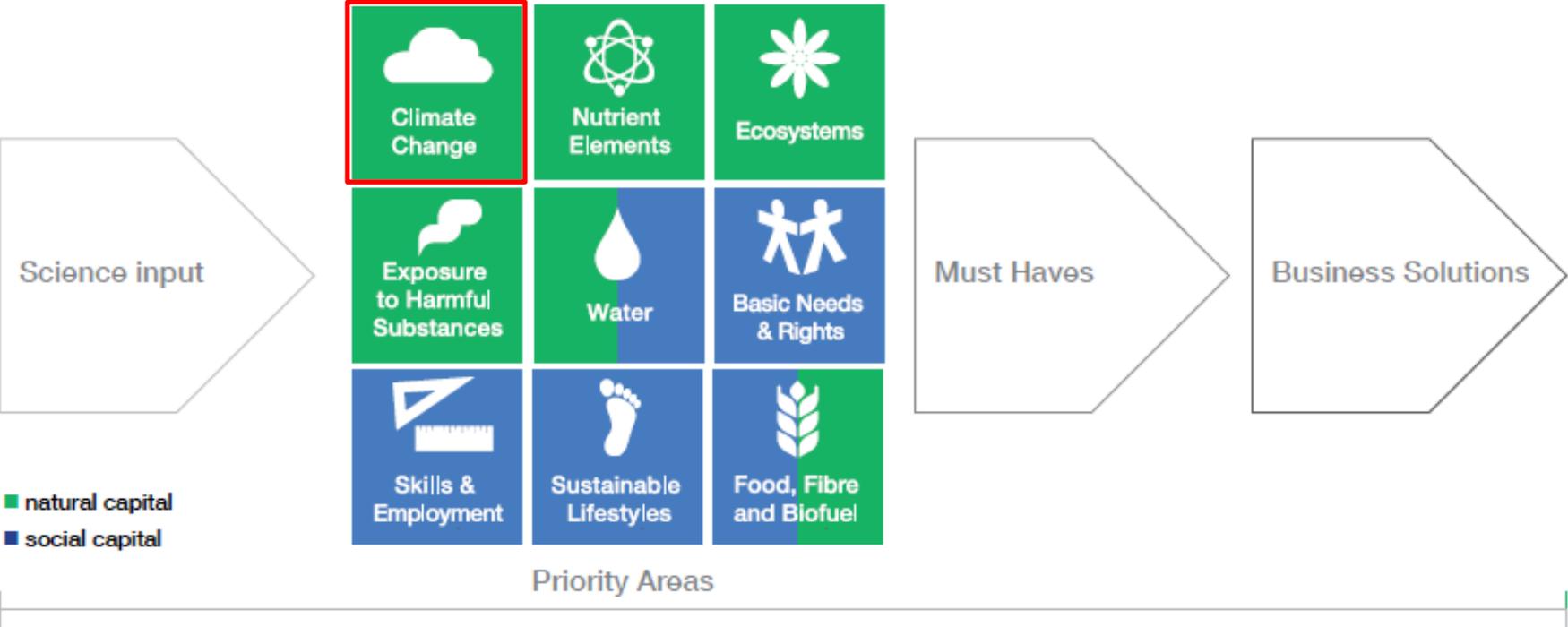


# Business solutions for climate mitigation

*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.

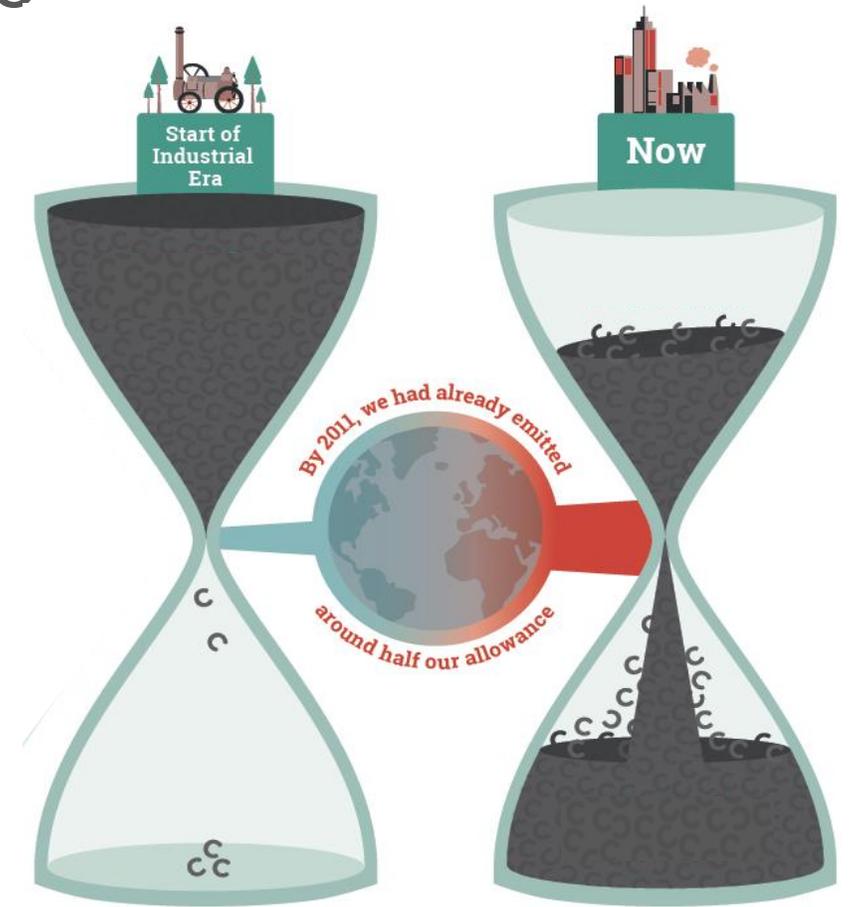


Image Source: European Climate Foundation

\* Anthropogenic CO<sub>2</sub> emissions from preindustrial levels as outlined in the IPCC Working Group Fifth Assessment Report. One trillion tonnes carbon = 3.67 trillion tonnes CO<sub>2</sub>

# Climate Business Solutions Action2020

## Replace fossil fuels



Scaling up  
Renewables



Low Carbon  
Electrification of  
Remote Areas



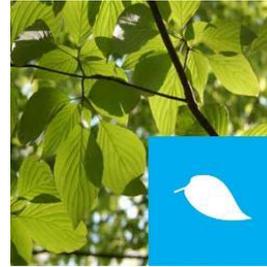
## Improve efficiency



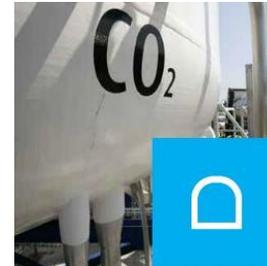
EEB



## Sequester GHG emissions



Forests as Carbon  
Sinks



Carbon Capture  
Utilization and  
Storage



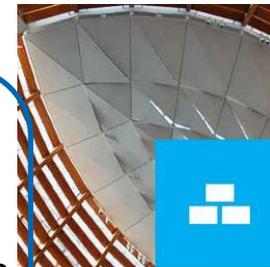
## Resilience



Resilience to  
Climate Change in  
Globally  
Interdependent  
Business



Building  
Resilience in the  
Power Sector



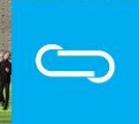
Resilience in  
Concrete  
Buildings and  
Infrastructure



## System wide solutions



Sustainable  
Mobility



Utility of the  
Future

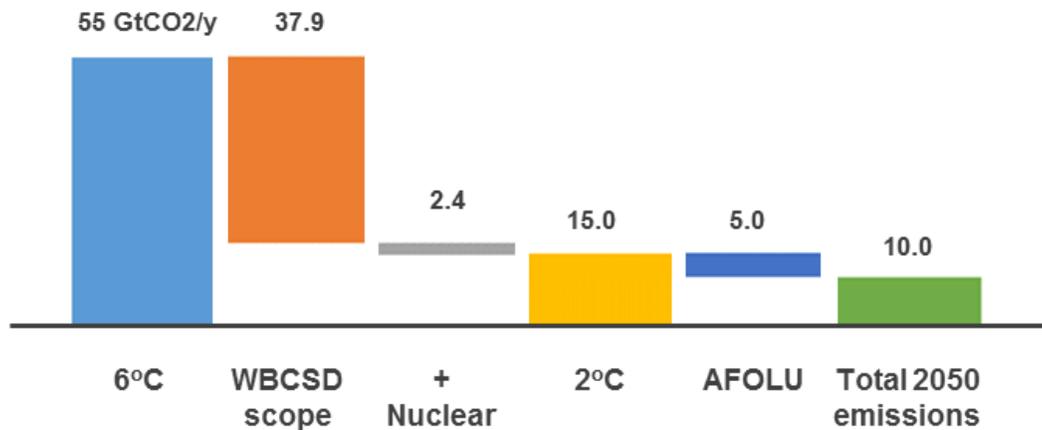


Electrifying Cities  
towards Zero  
Emissions

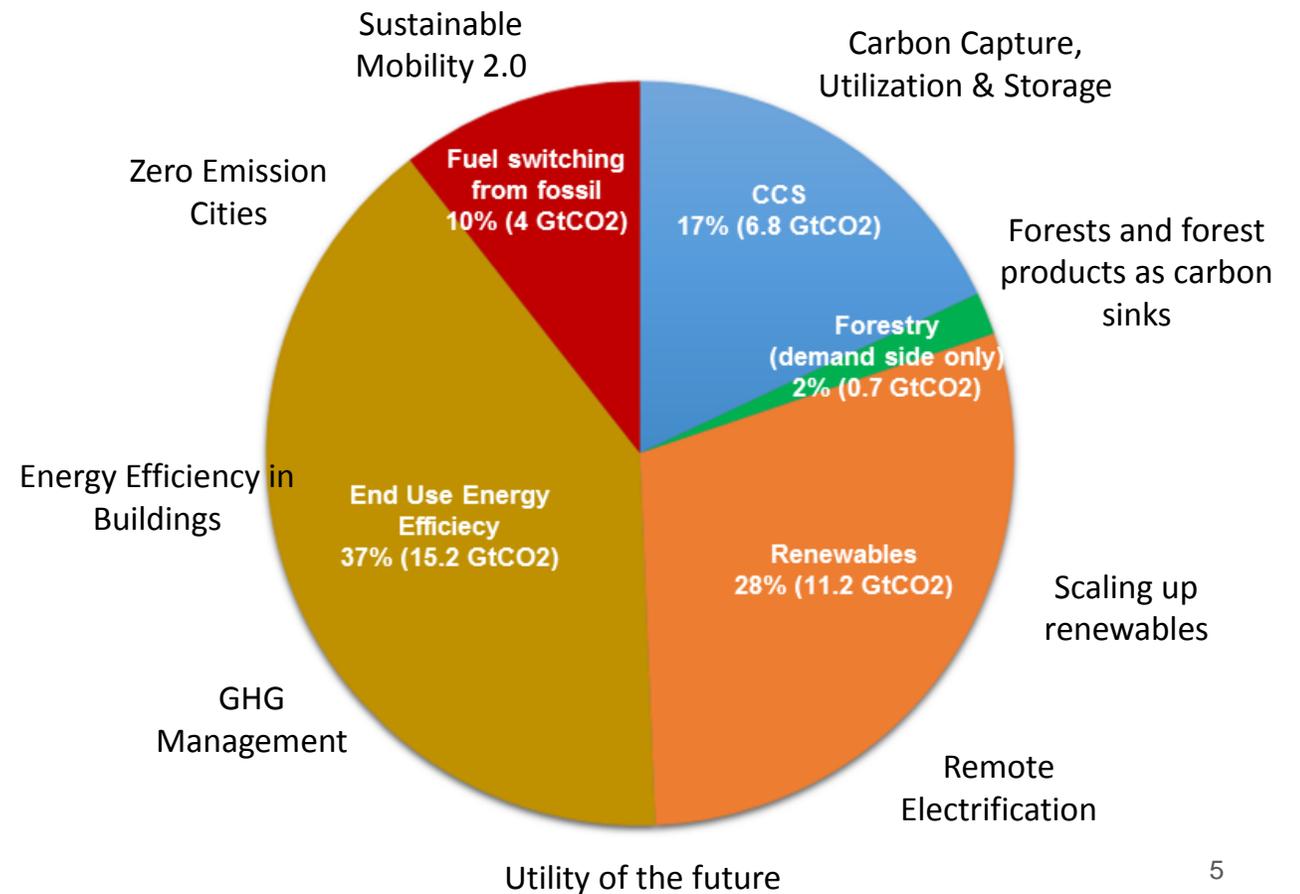


# WBCSD work enables scale up of main mitigation levers to reach 2°C

## 6°C to 2°C Mitigation Potential to 2050

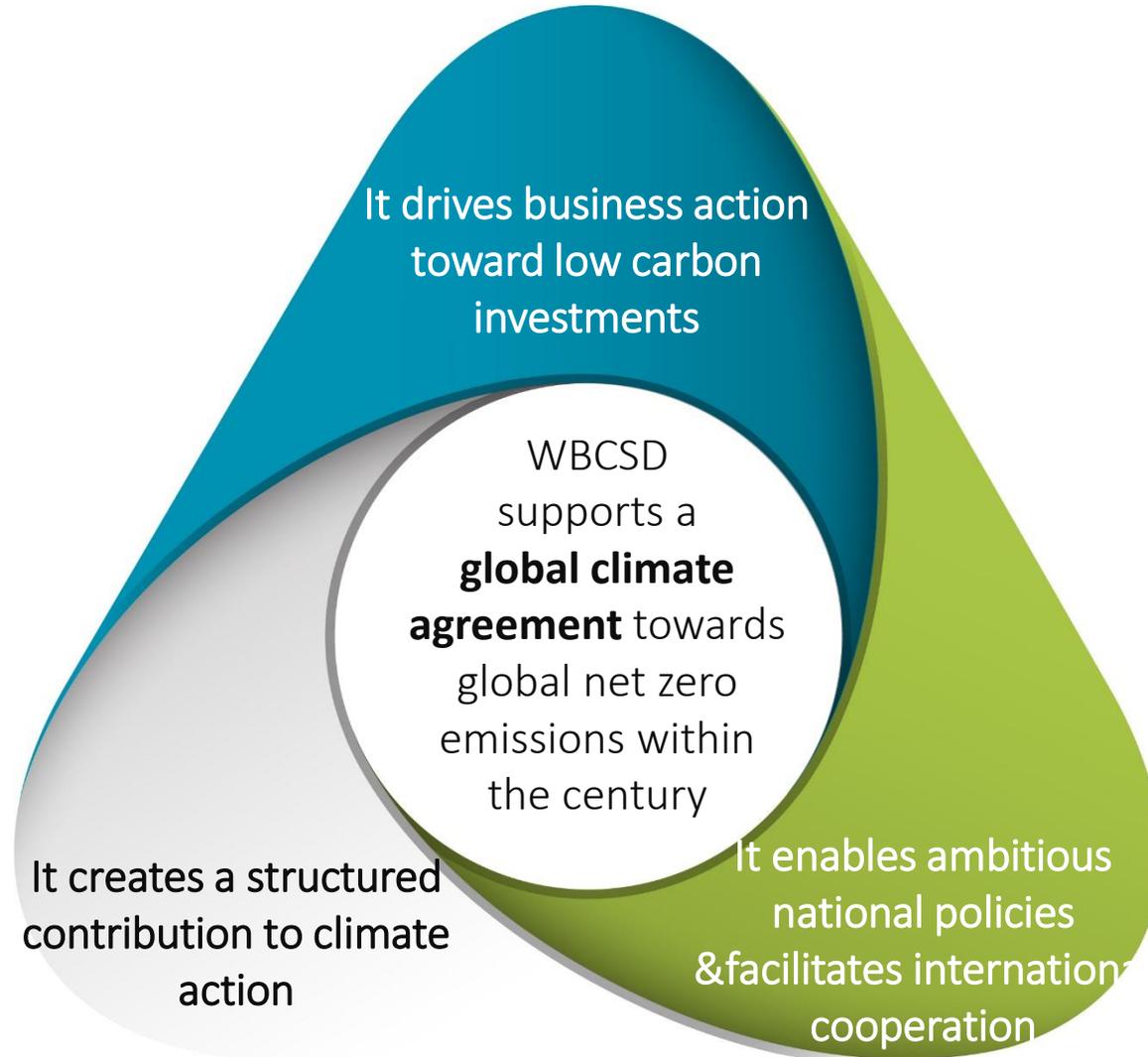


## WBCSD Business Solutions

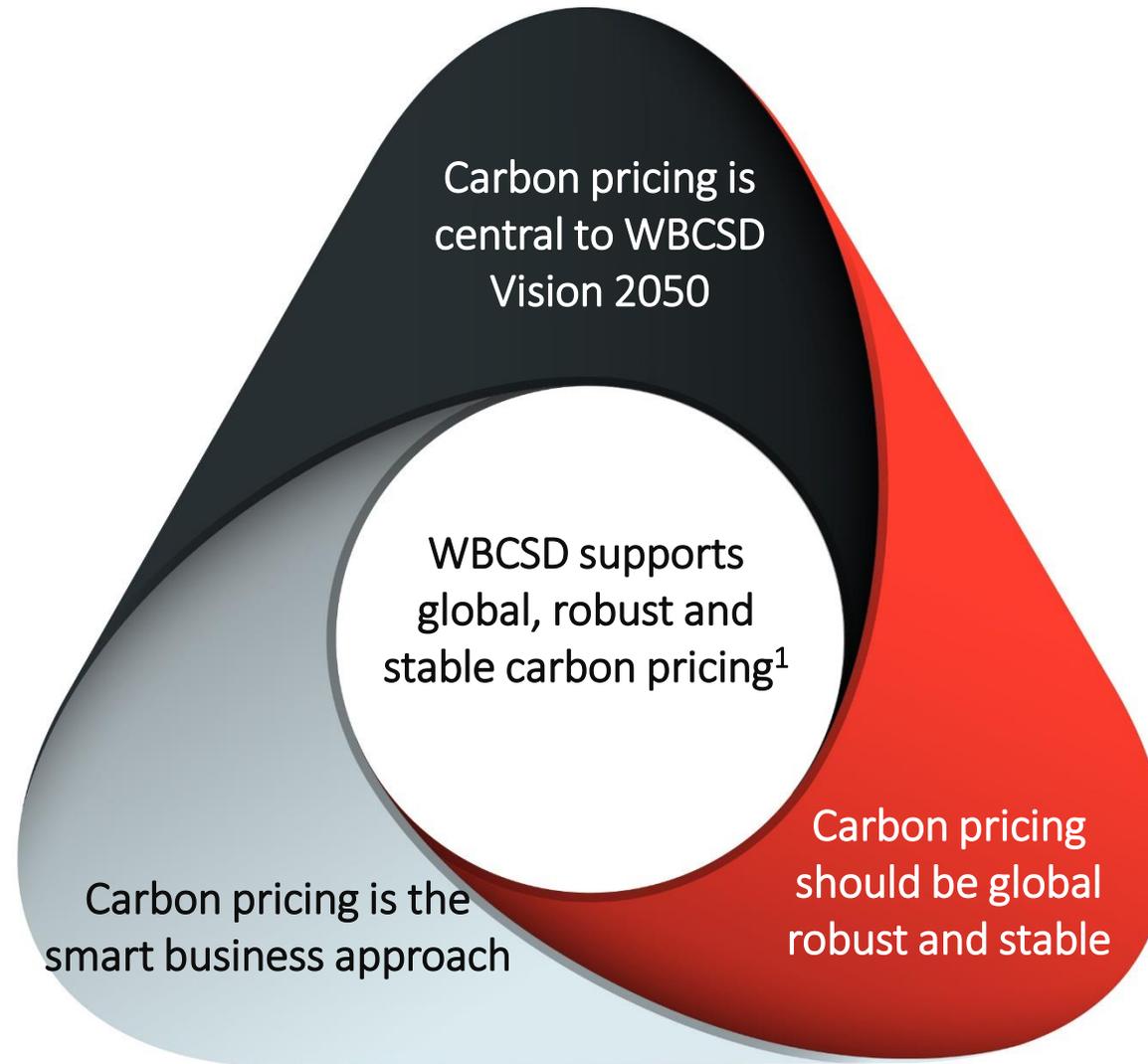


Sources:  
 Energy: IEA ETP 2014 data visualisation (2050 potential)  
 AFOLU and demand side forestry: IPCC AR5 WG3, p.851, table 11.8  
 AFOLU = Agriculture, Forestry and Land Use (2030 x of 100\$ potential)

# WBCSD views on Climate Agreement



# WBCSD views on Carbon Pricing



<sup>1</sup> 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

