

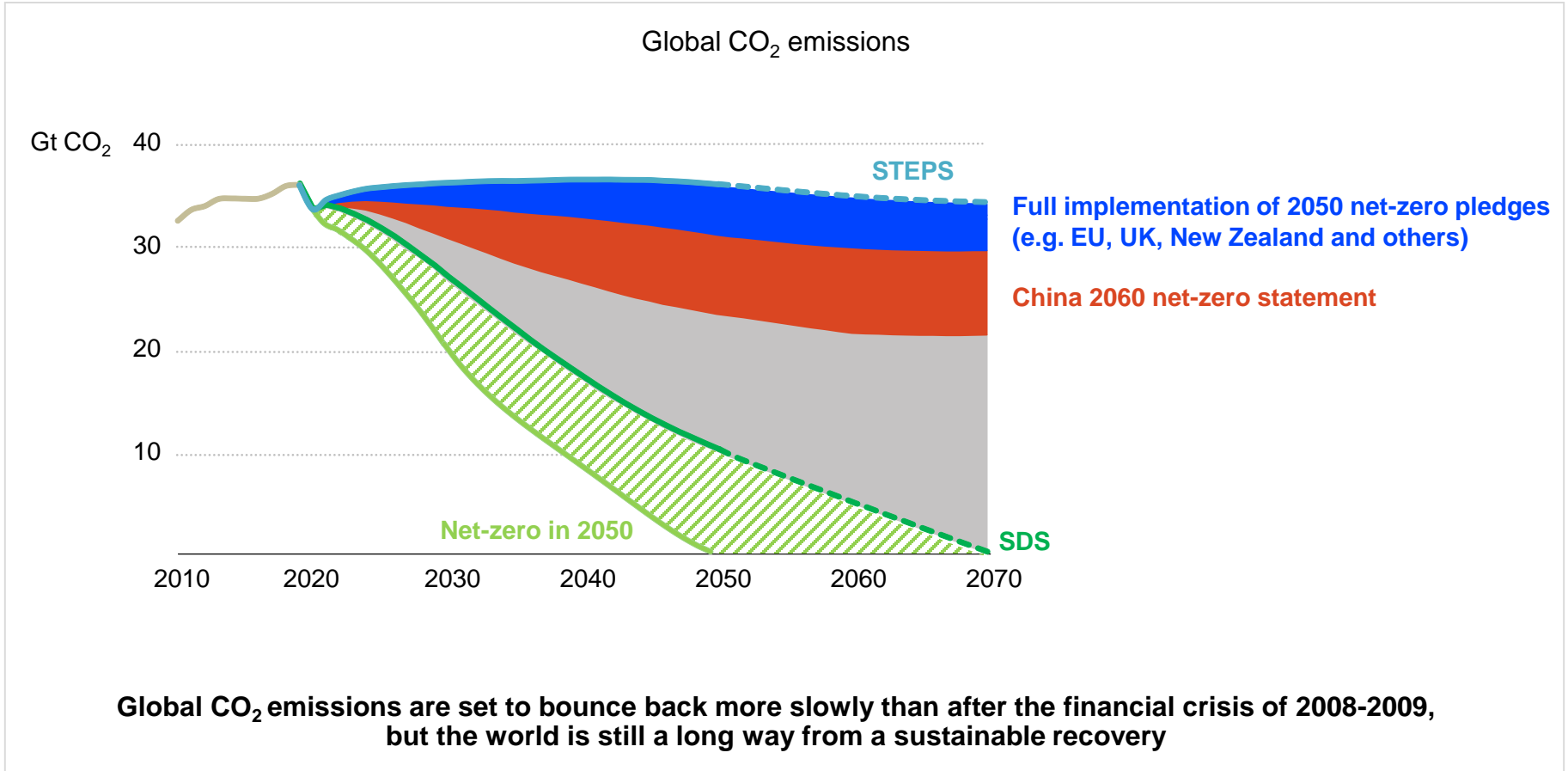


WEO week day 4: Achieving net zero emissions

Christophe McGlade and Daniel Crow

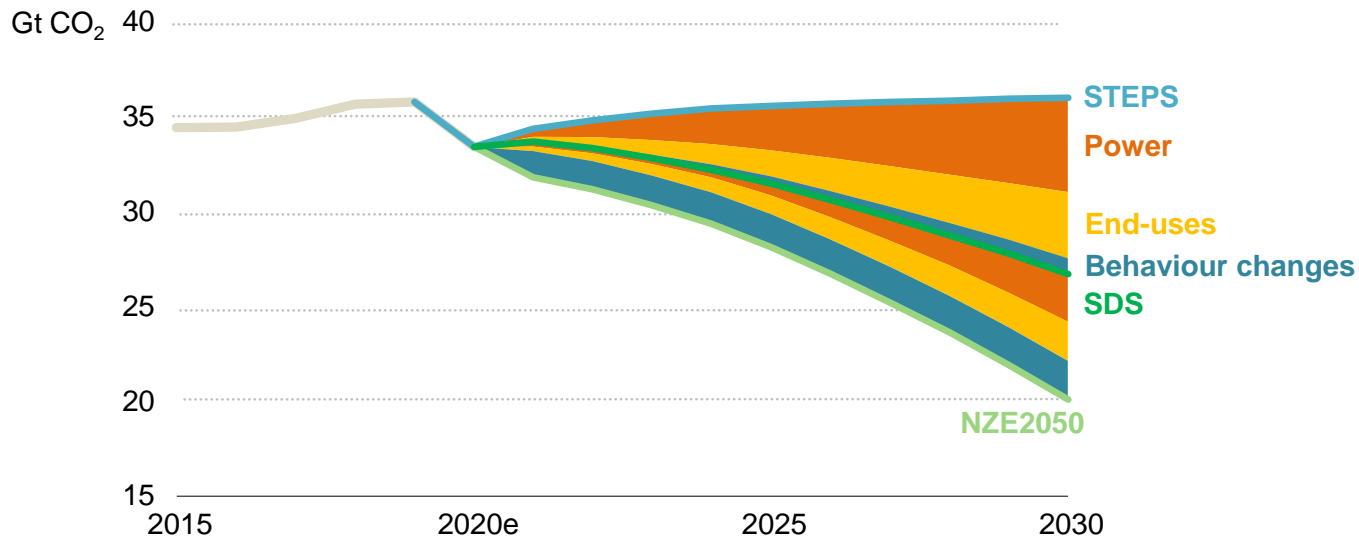
Paris, 19 November 2020

The world is still far from putting emissions into decisive decline



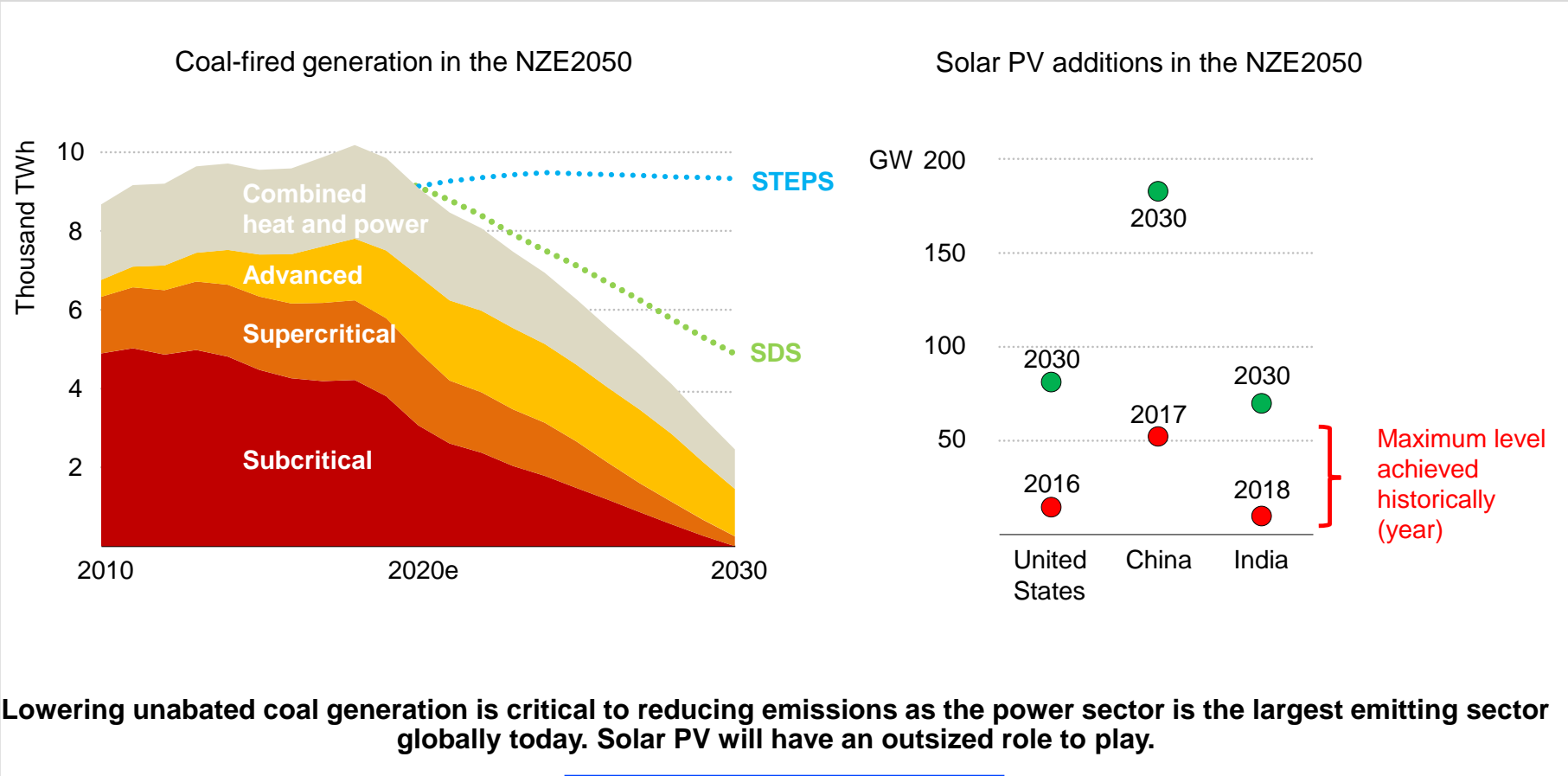
Ambitious actions over the next decade are critical

Energy and industrial process CO₂ emissions and reduction levers in the scenarios



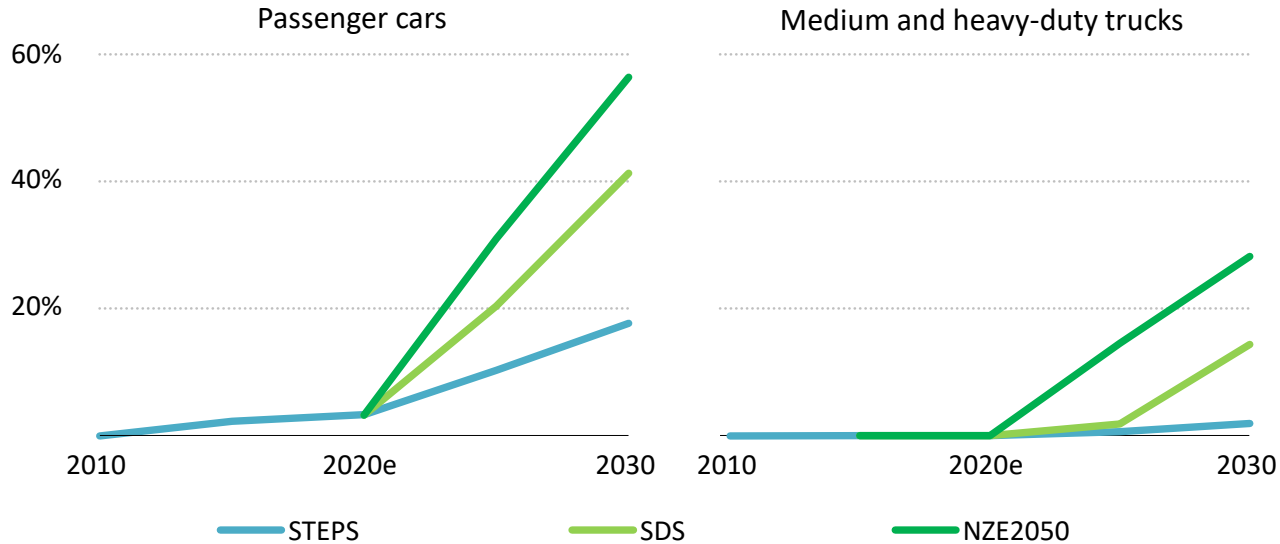
Governments recovery plans will shape energy infrastructure and industries for decades to come: these represent a historic opportunity to accelerate clean energy transitions.

Decarbonising electricity is central to achieving net zero emissions



A rapid uptake of clean end-use technologies will also be required

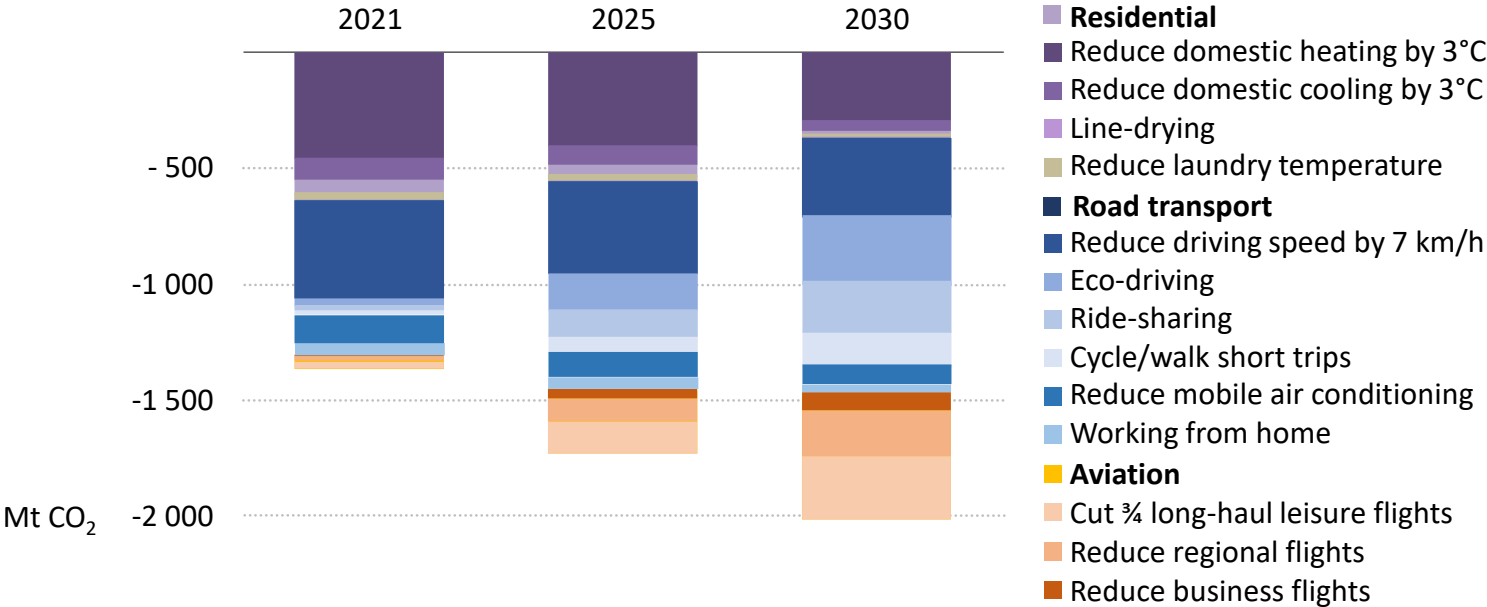
Share of car and truck sales that are electric and fuel-cell vehicles



Emissions need to be tackled across industry, buildings and transport. This will rely on a wide range of new technologies including: low-carbon fuels, hydrogen, CCUS, building retrofits, efficiency, electric cars...

Behaviour changes could have large impacts

Impact of behaviour changes on CO₂ emissions in the NZE2050



Behaviour changes can quickly reduce emissions from existing end-use assets; around 60% of measures could be supported or influenced by government policies