



International
Energy Agency

Secure • Sustainable • Together

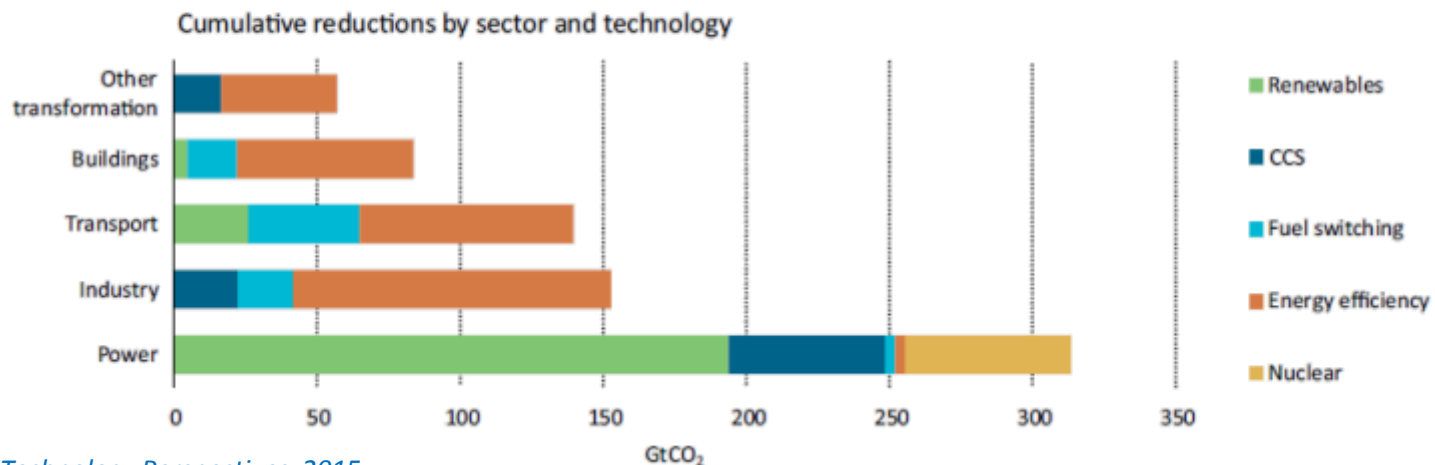
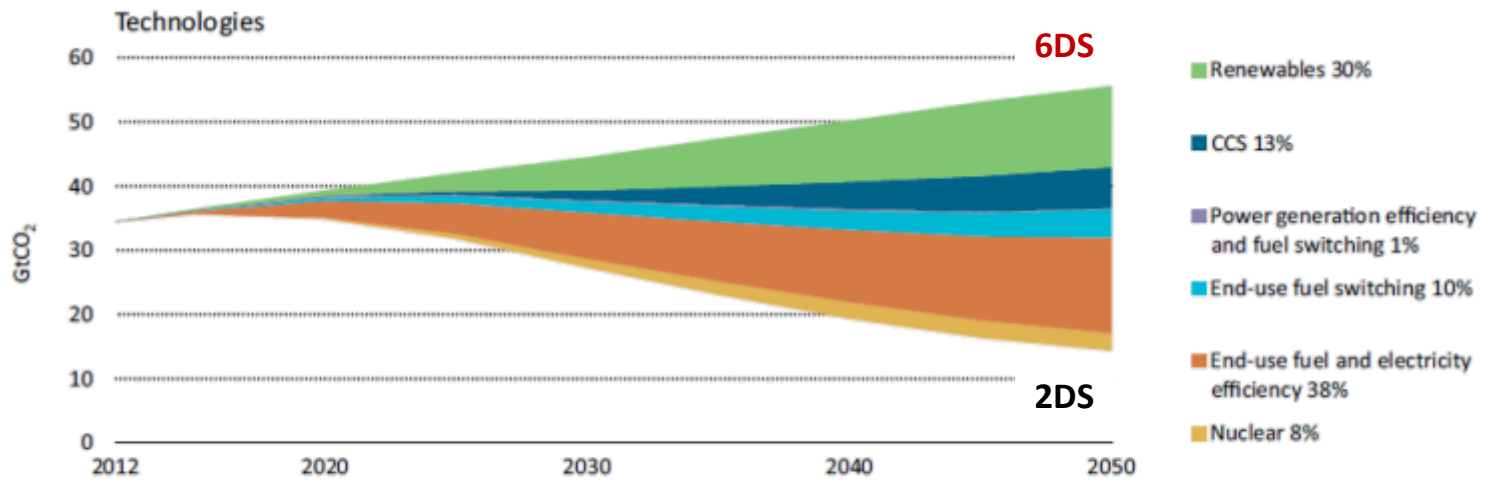
Low Carbon Technology, Policy and Cooperation

*Lunch Session
Yokohama, 28 July 2015*

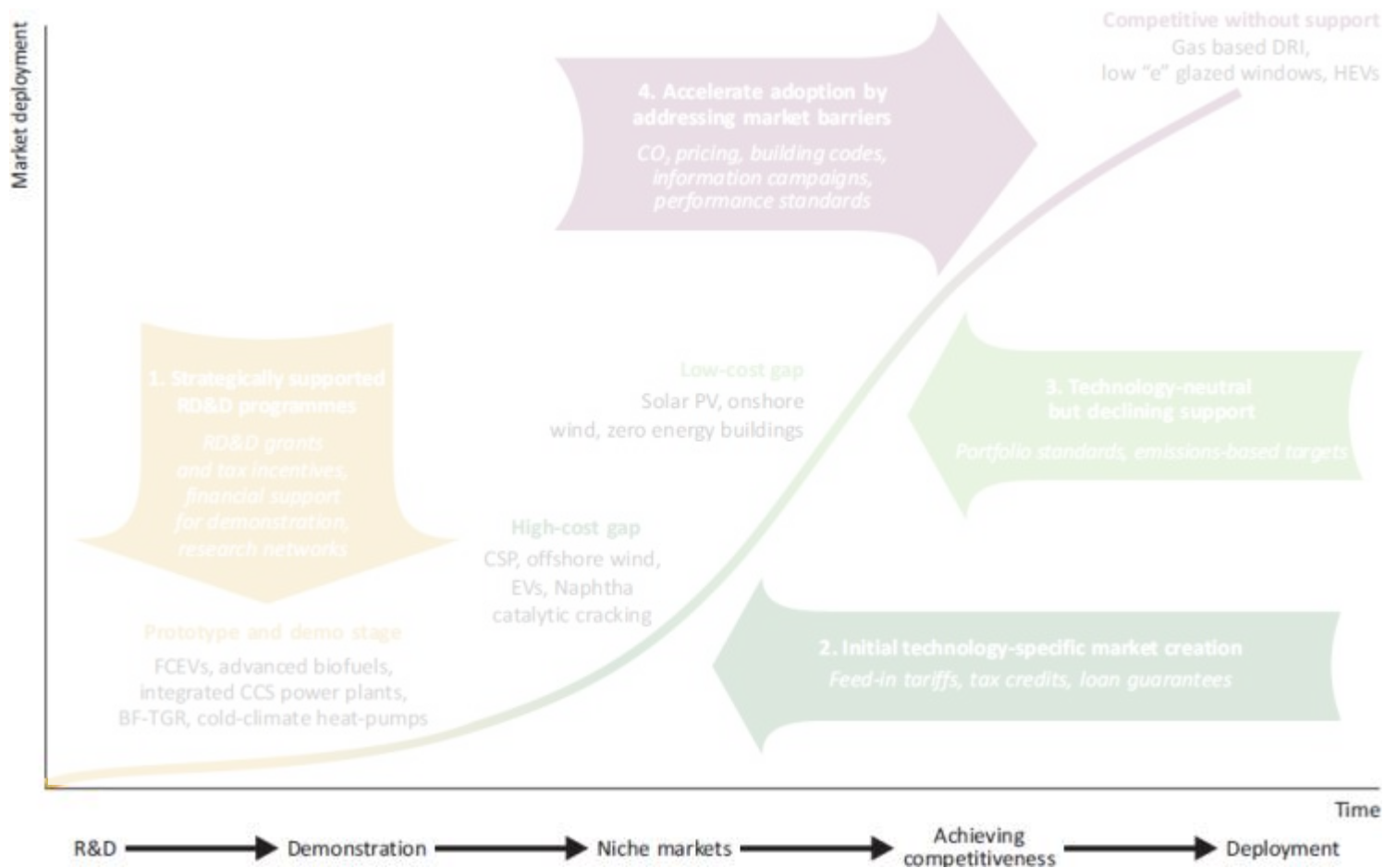
Takashi Hattori
Head of Environment & Climate Change

Low-carbon technologies for 2DS

A portfolio of low-carbon technologies is needed to reach the 2DS; some solutions will be broadly applicable, while others will need to target specific sectors.

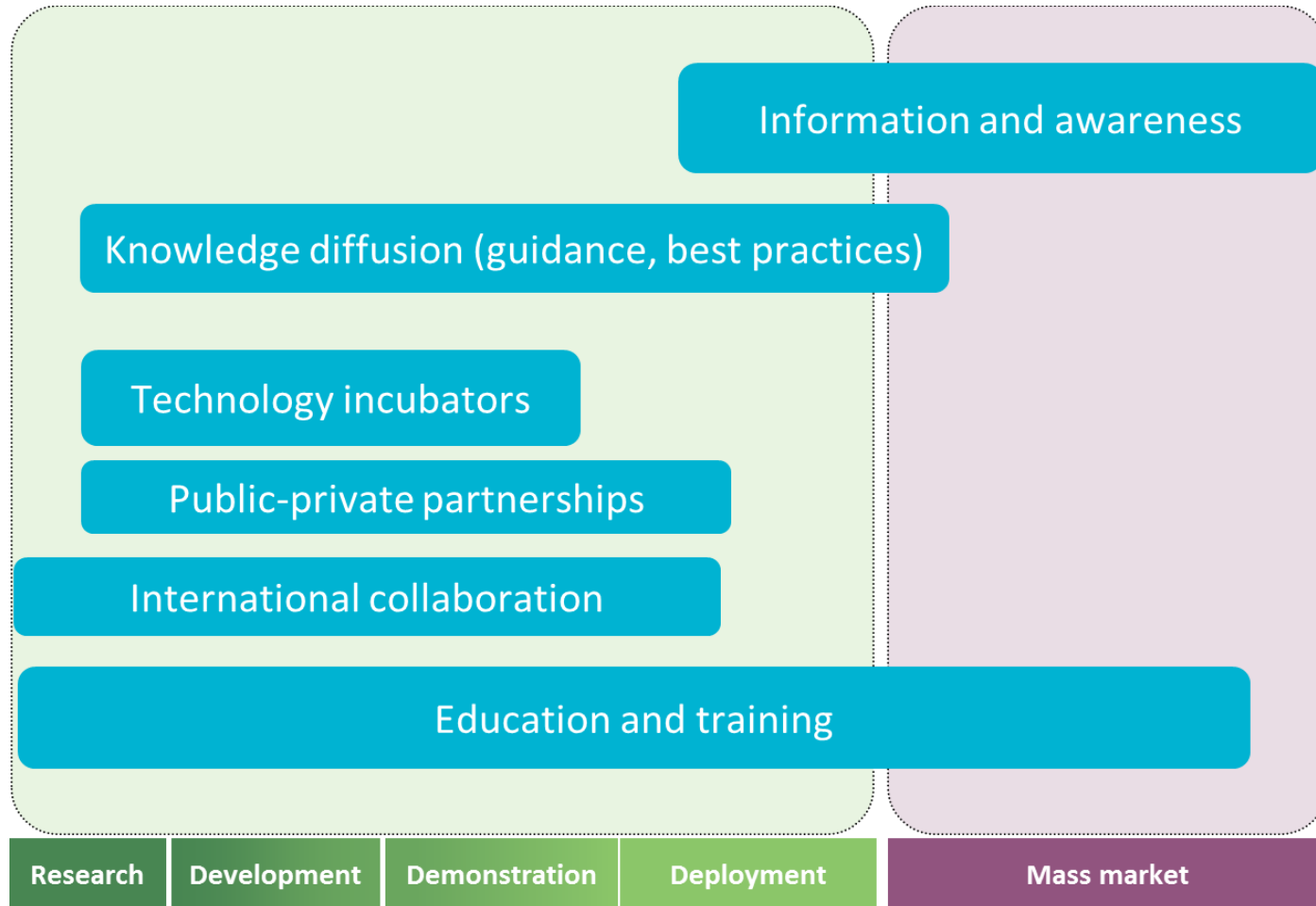


The right policy at the right time



The right support depends on the maturity of the technology and the degree of market uptake

Building innovation capacity is key to successful technology deployment



Cooperation between industrial and emerging economies could be a win-win solution



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



Renewables



CCS



EEB



Advanced Biofuels



CSA



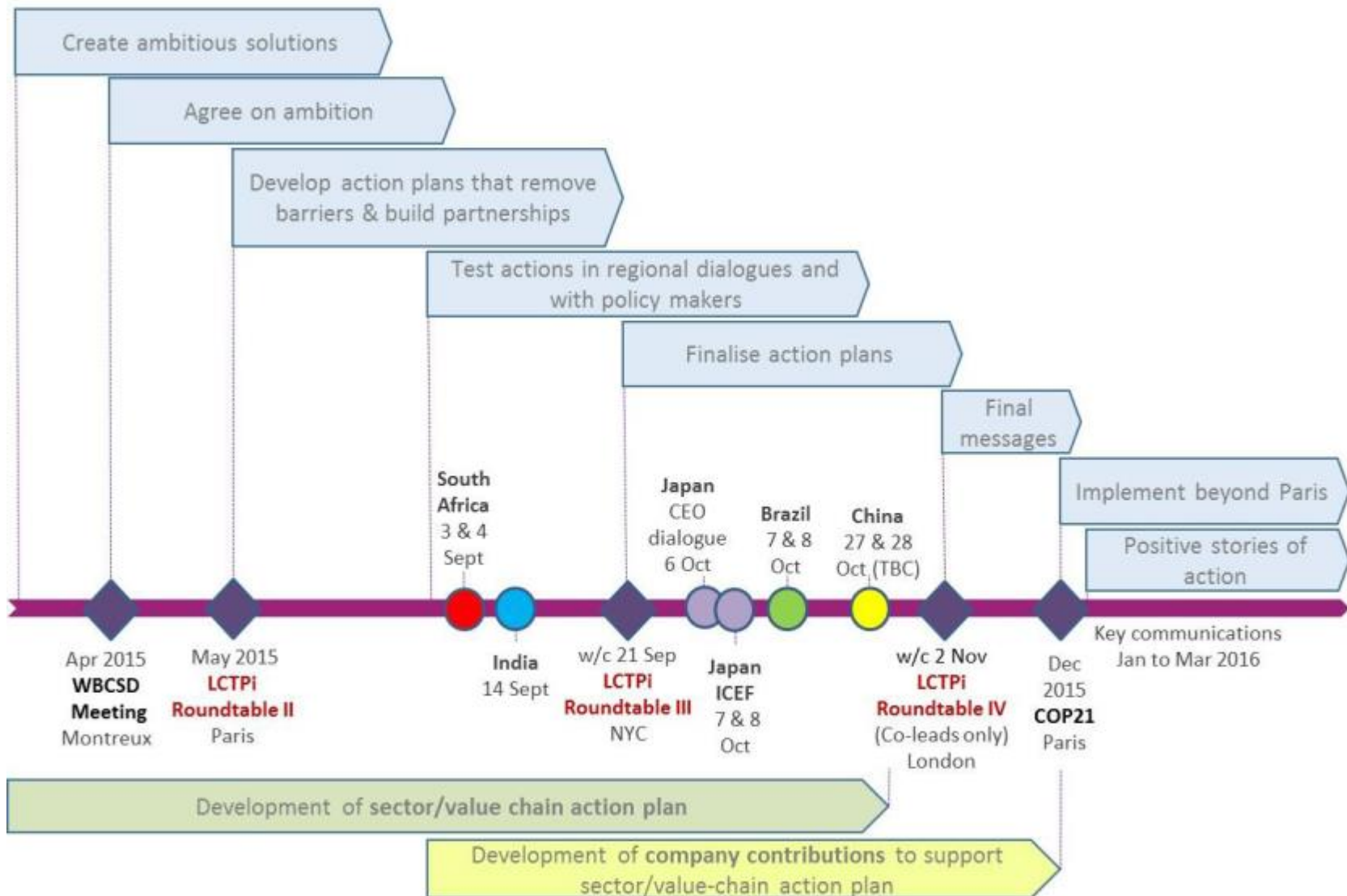
Forests



Cement

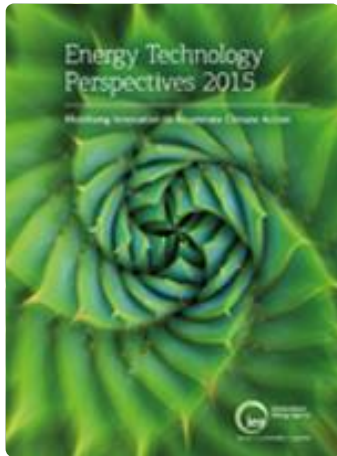


Chemicals



Enabling low-carbon technology transfer: COP21 recommendations from WEO Special Report

1. **Peak in emissions** – set the conditions which will achieve an early peak in global energy-related emissions
2. **Five-year revision** – review contributions regularly, to test the scope to lift the level of ambition
3. **A long-term emissions goal** would give greater clarity & certainty to the energy sector, strengthening the case for RD&D investment & technology transfer
4. **Track the transition** – establish a process for tracking energy sector achievements



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