

Energy Technology Perspectives 2015: Mobilising Innovation to Accelerate Climate Action

Asia Clean Energy Forum

Manila, 18 June 2015

Jean-François Gagné

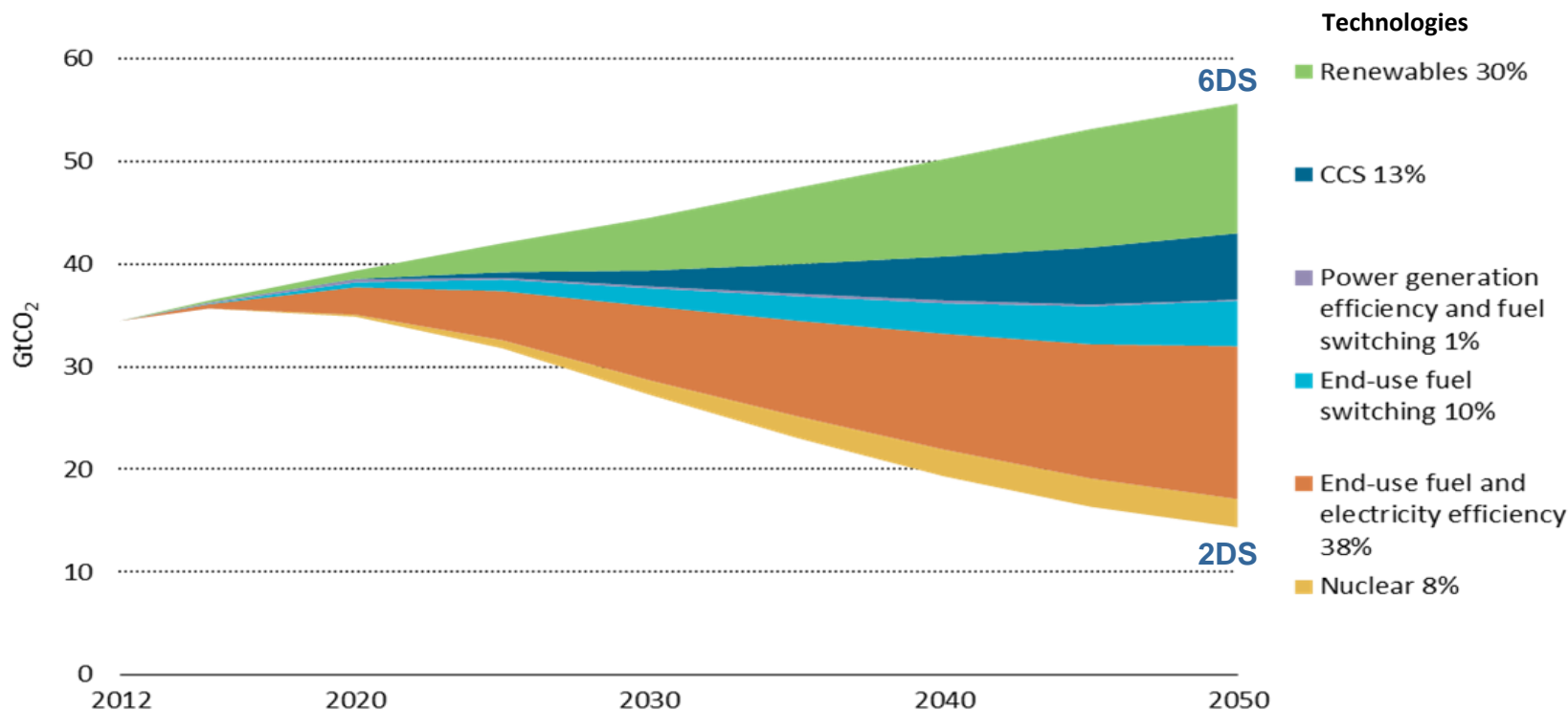
Energy Technology Policy Division,

International Energy Agency

Energy Innovation is crucial in making the 2DS possible

ETP
2015

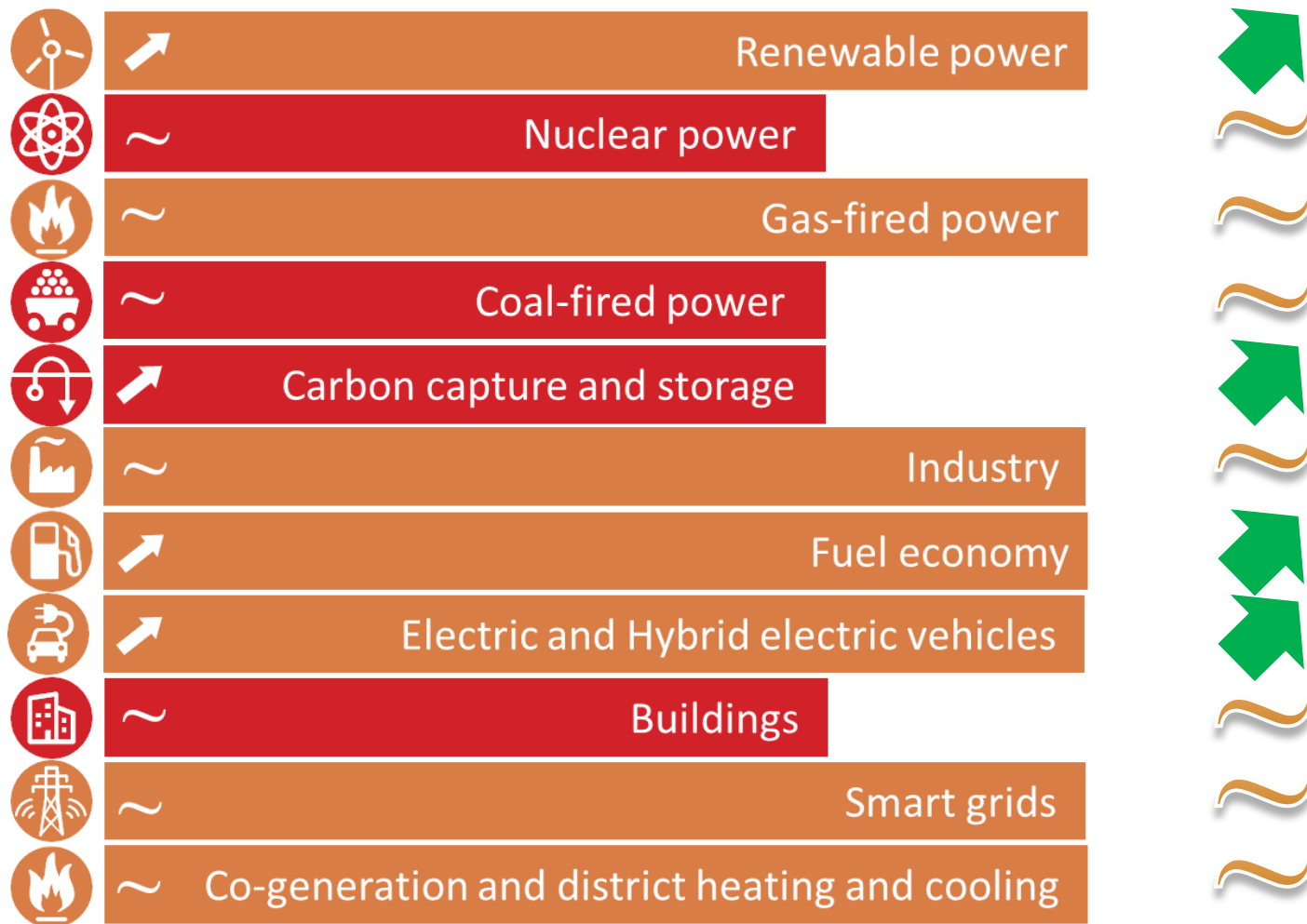
Contribution of technology area to global cumulative CO2 reductions



Energy innovation has already yielded solutions, but needs support and guidance to deliver on its promises

Clean energy is not ramping up fast enough - Despite some progress

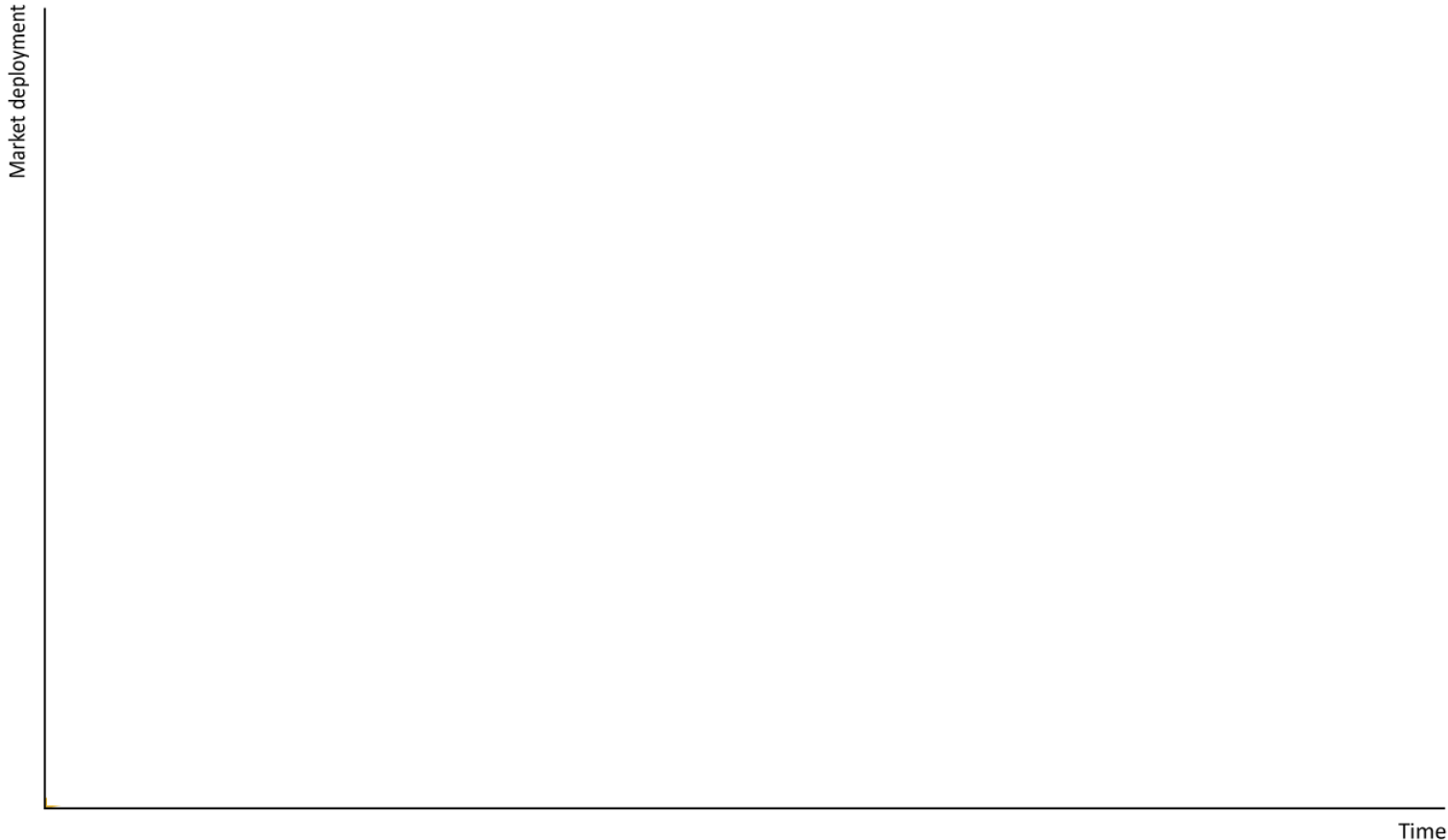
ETP
2015



Evidence shows that despite continued progress in many areas, for the first time none of the technologies are in line with 2DS goals

Supporting Energy Innovation: The right policy at the right time

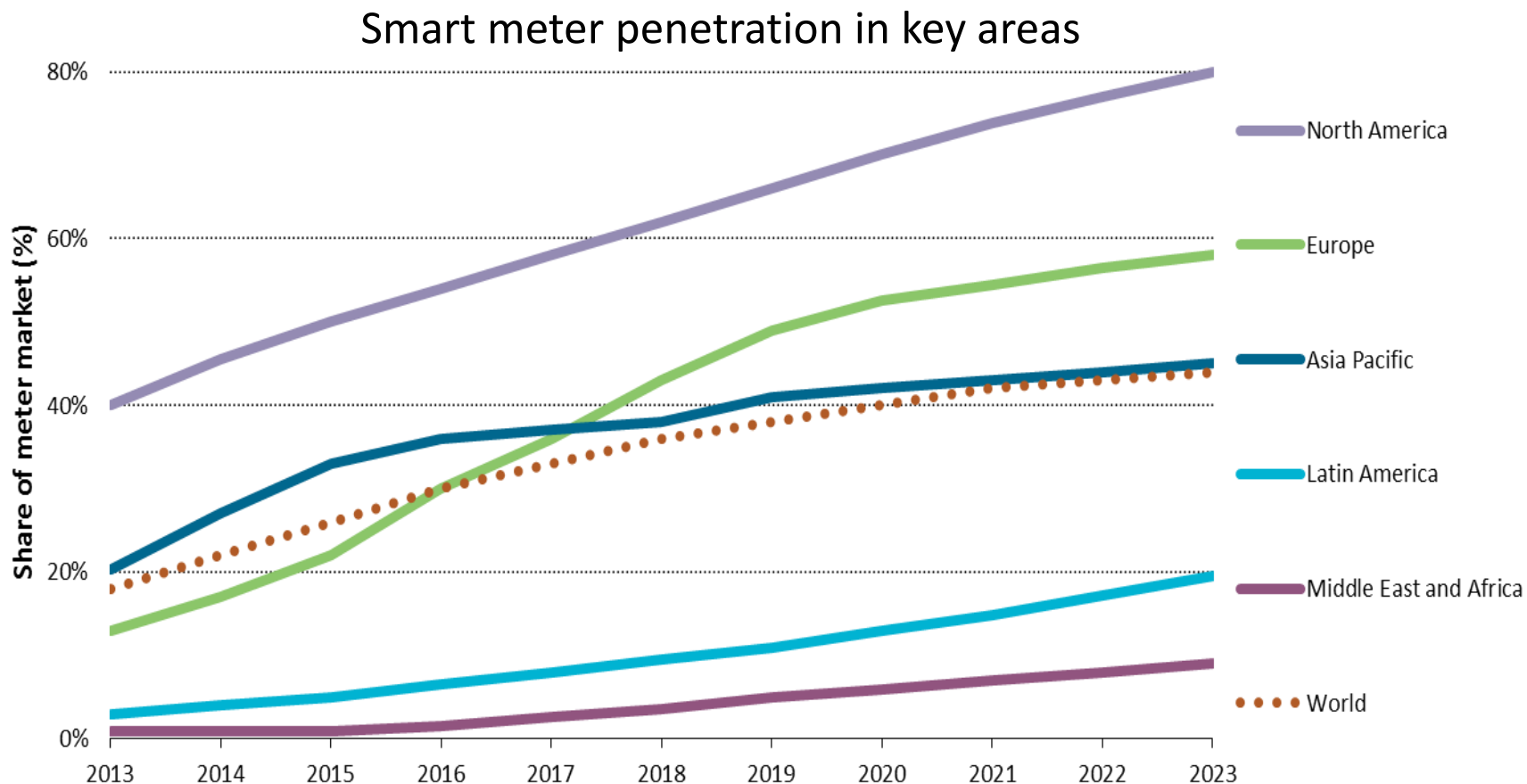
ETP
2015



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

Focus is needed on systems integration innovations

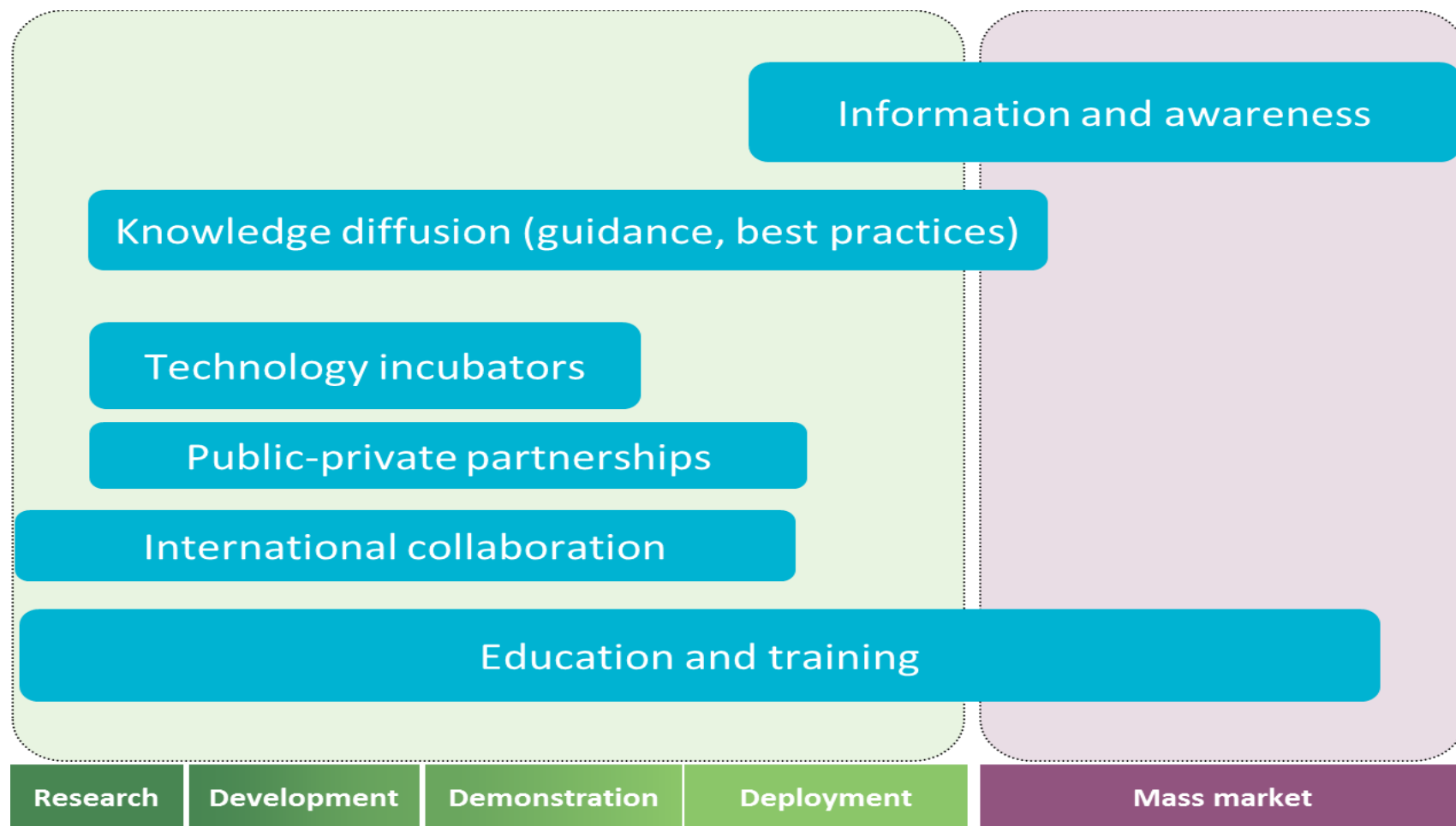
ETP
2015



Data availability currently precludes a complete picture of smart grid deployment.

Building innovation capacity is key to successful technology deployment

ETP
2015



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

Innovation in a diverse world:
no “one-size fits all” solution

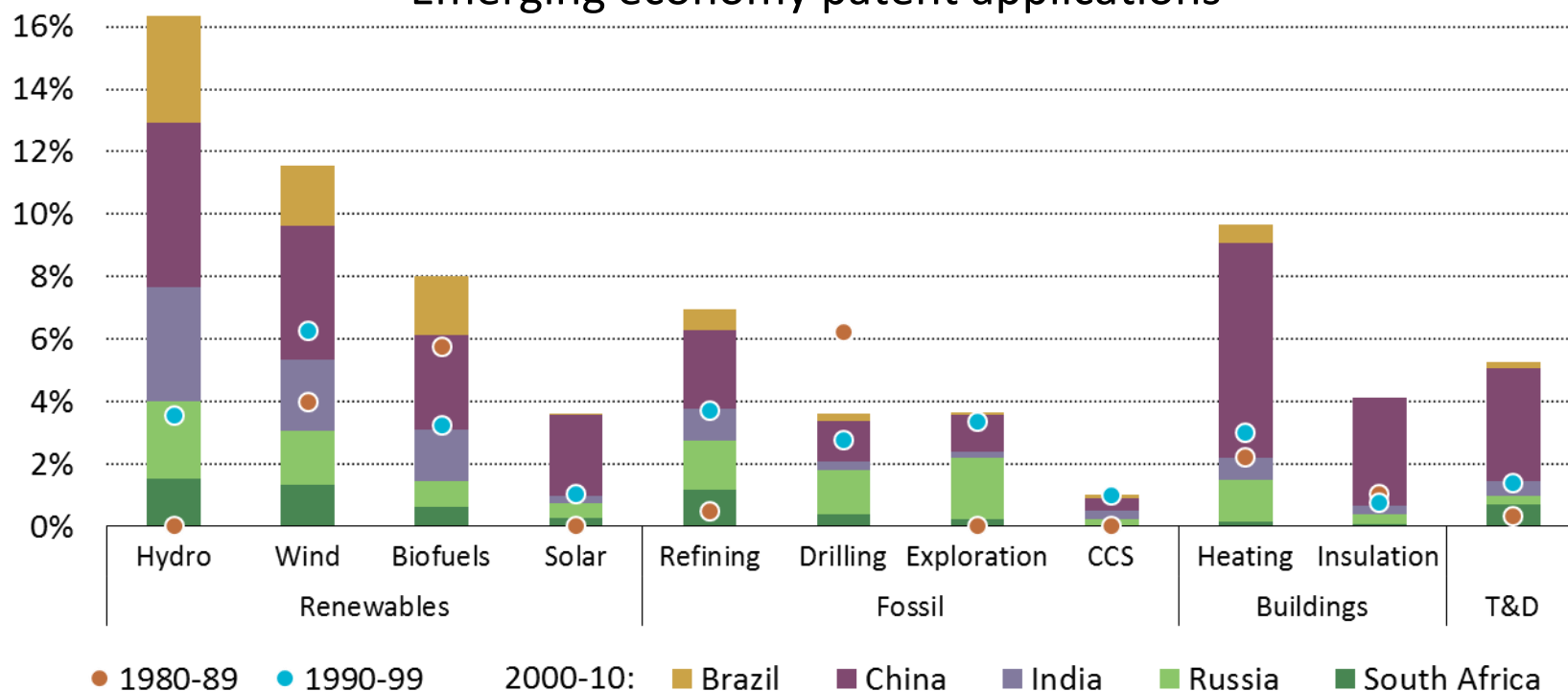
ETP
2015

*National circumstances and resources will drive
different technology portfolios and pathways*

Local innovation cultures provide the frameworks to identify priorities

ETP
2015

Emerging economy patent applications



Evaluating challenges and opportunities is essential to supporting innovation where it has the most impact

Thank you

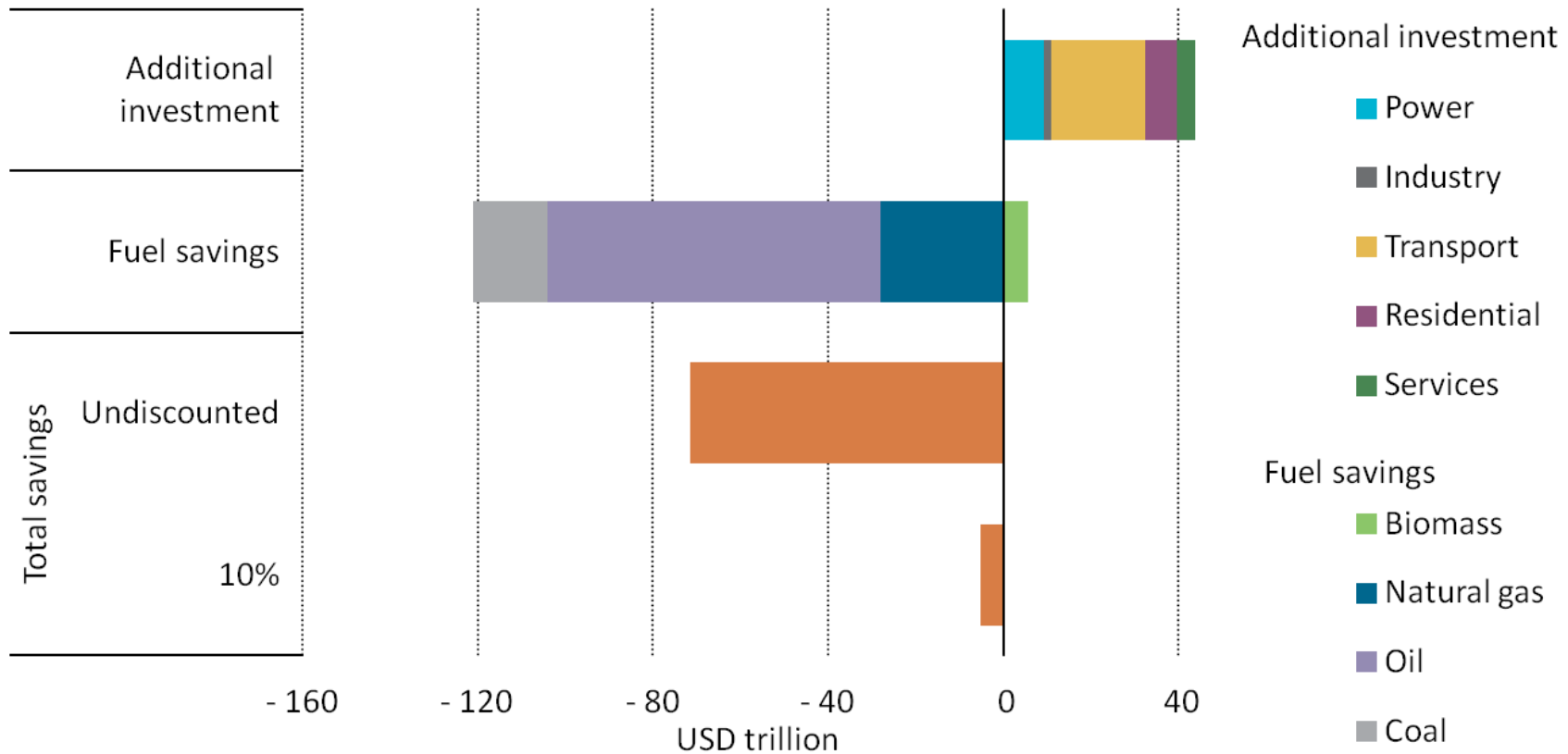
ETP 2015



Explore the data behind ETP

Investment in our future pays off...

ETP
2015



...and it is cost effective to make the transition