



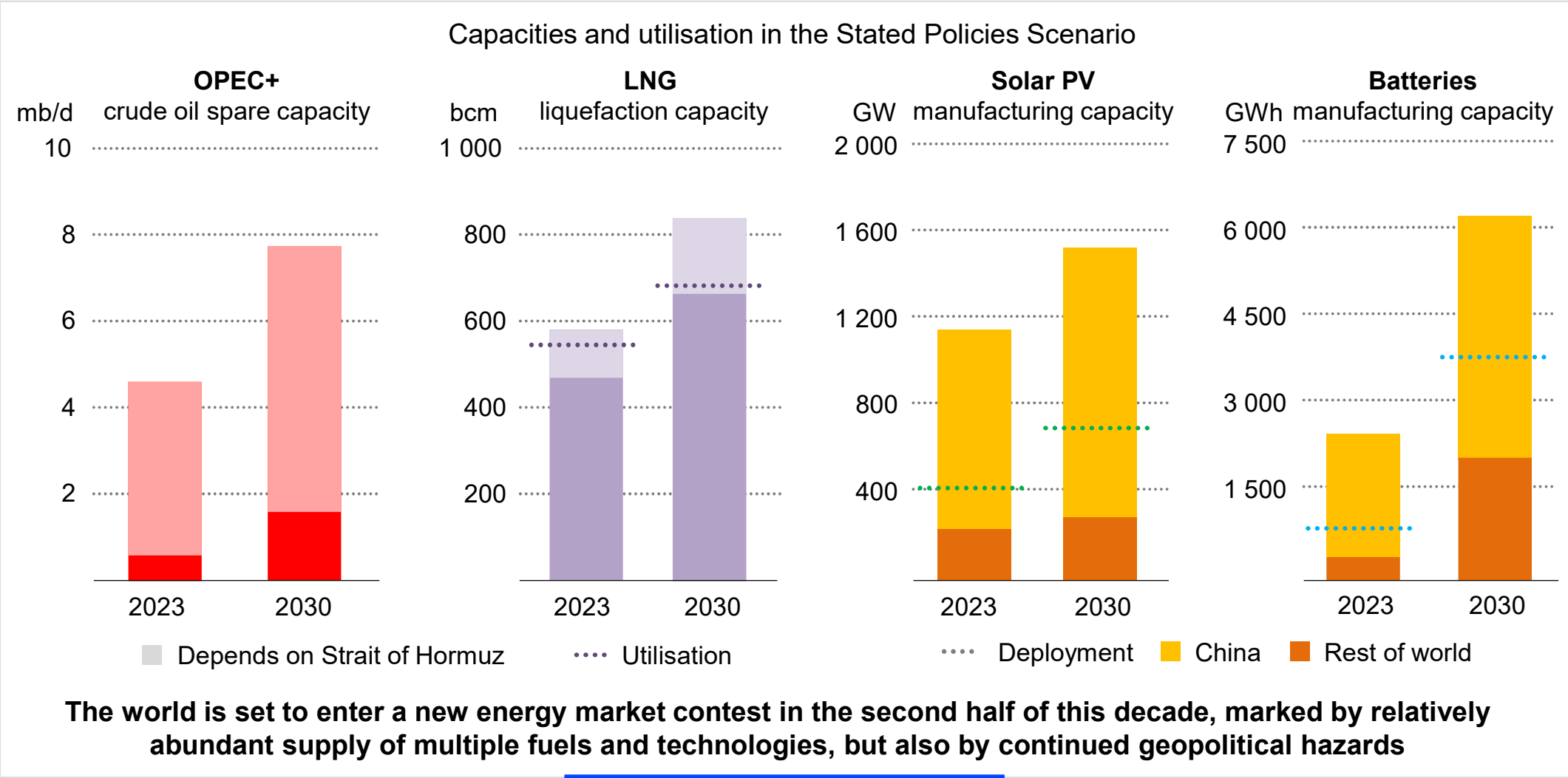
# Global Energy Landscape

Presentation for the Strategic Policy Committee, METI

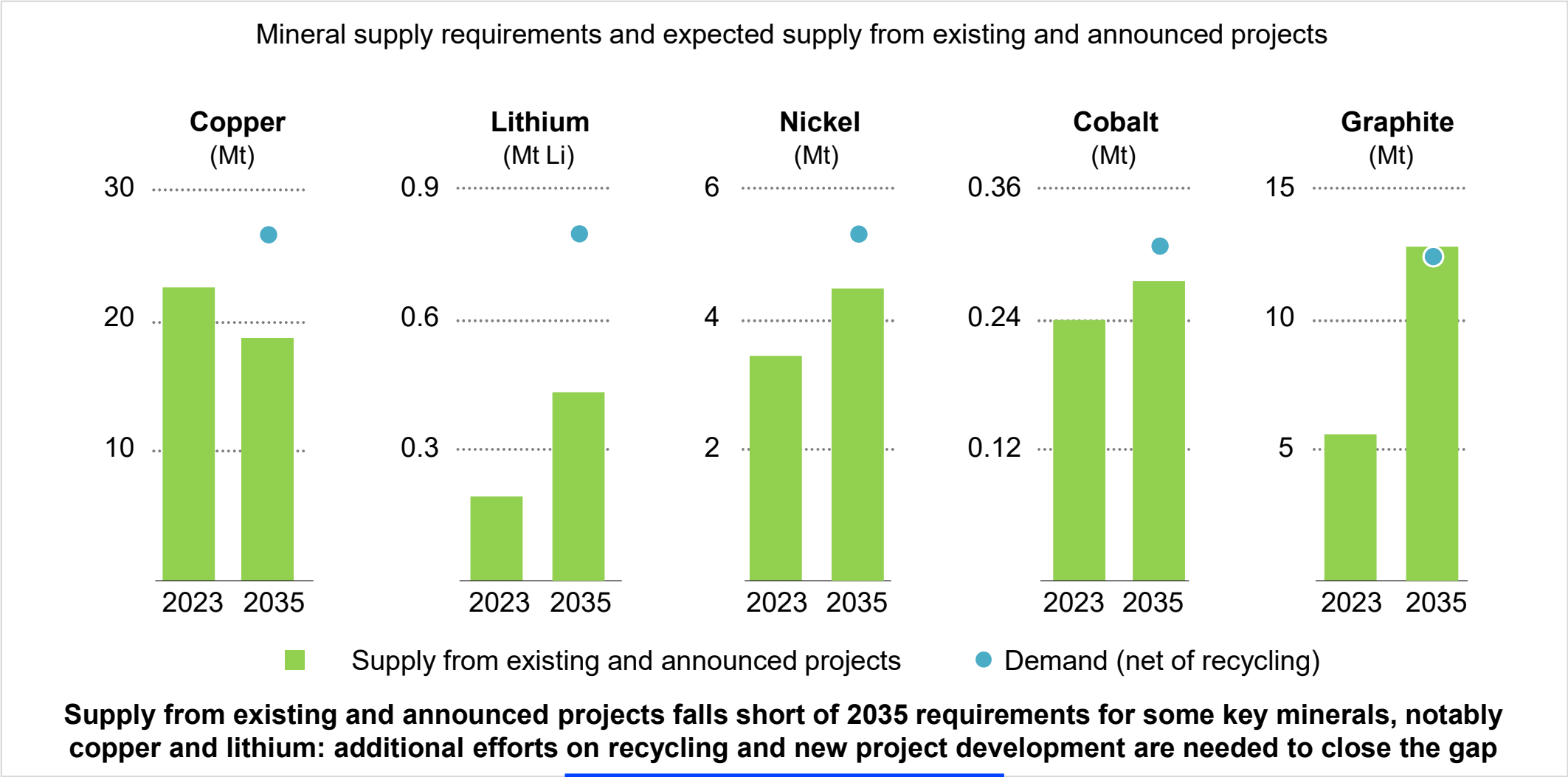
Laura Cozzi, Director of Sustainability, Technology and Outlooks, IEA

Tokyo, 23 October 2024

# Energy security risks remain high even as market balances ease

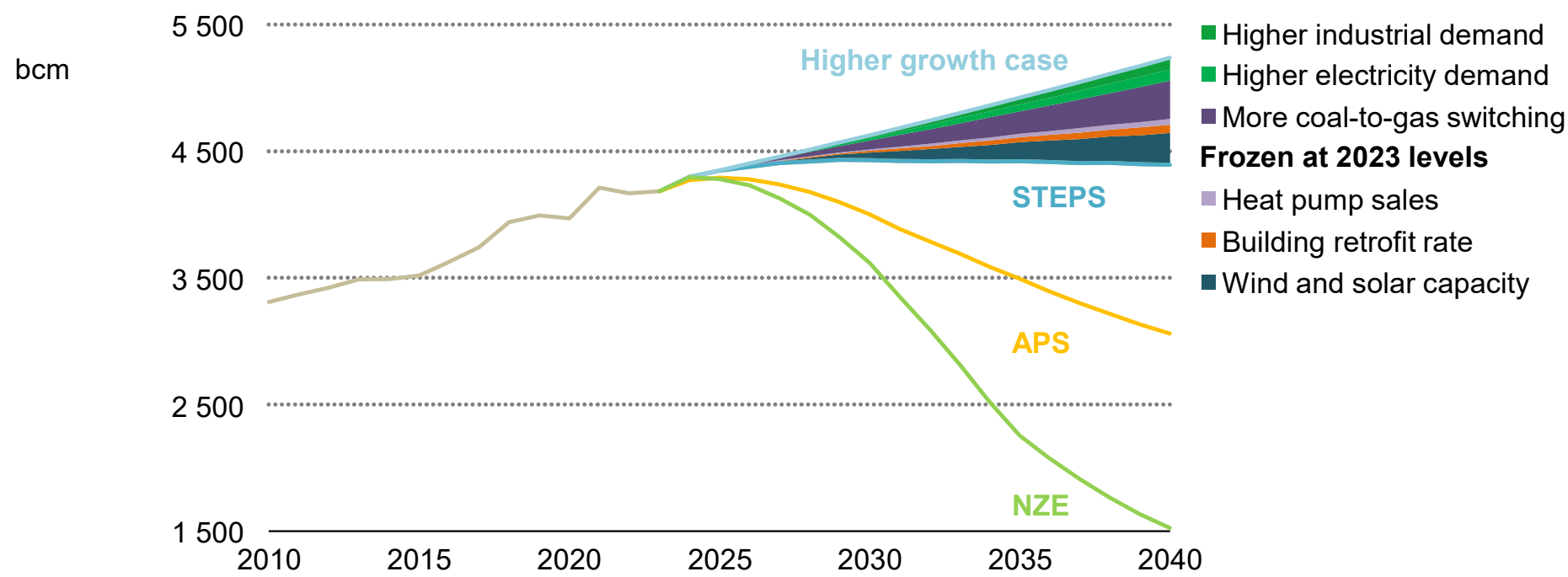


# Not all projected supplies are abundant



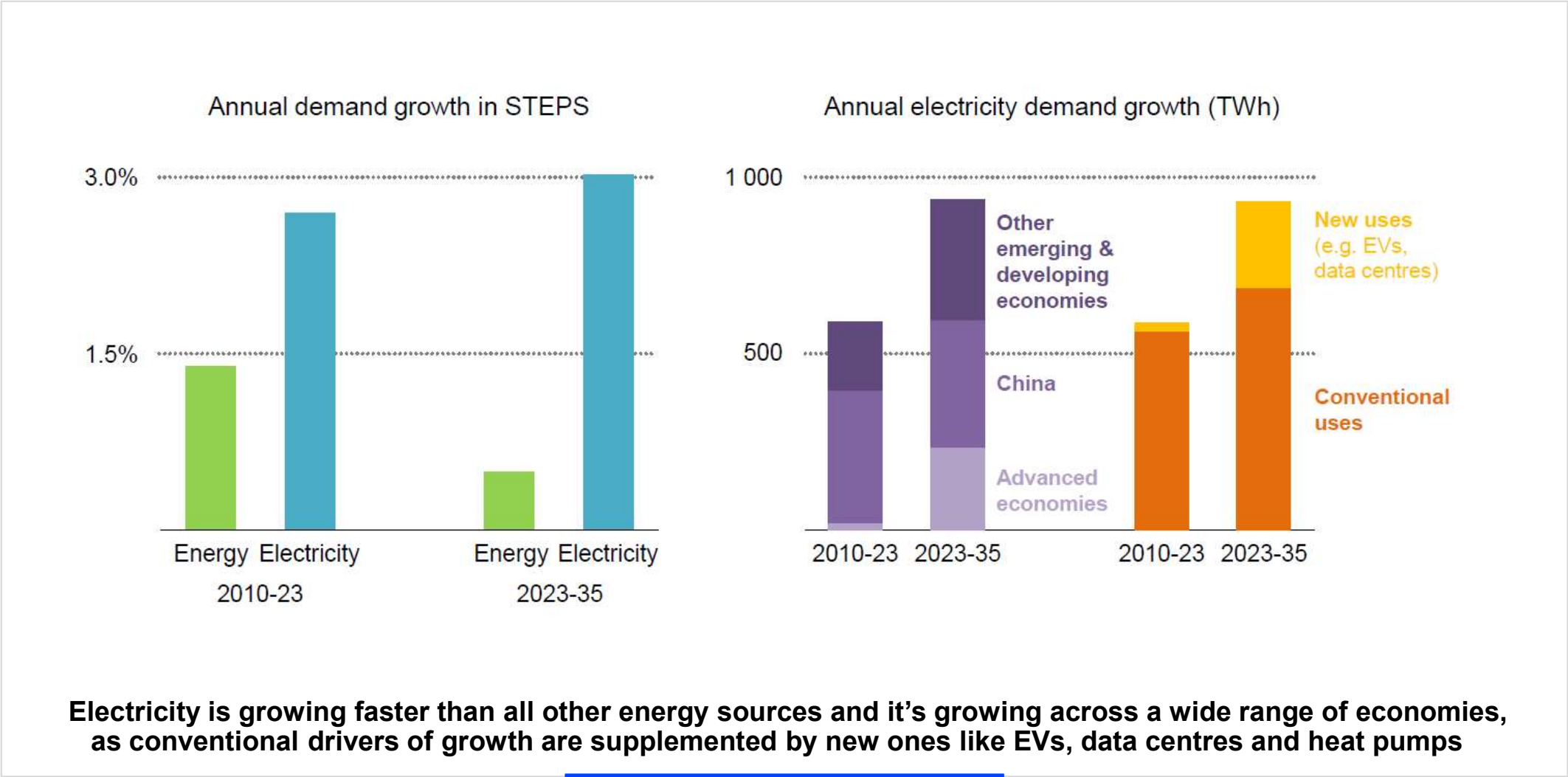
# Natural gas use is sensitive to policy, technology and market forces

Global natural gas demand in WEO scenarios, and factors that could lead to continued growth above STEPS to 2040

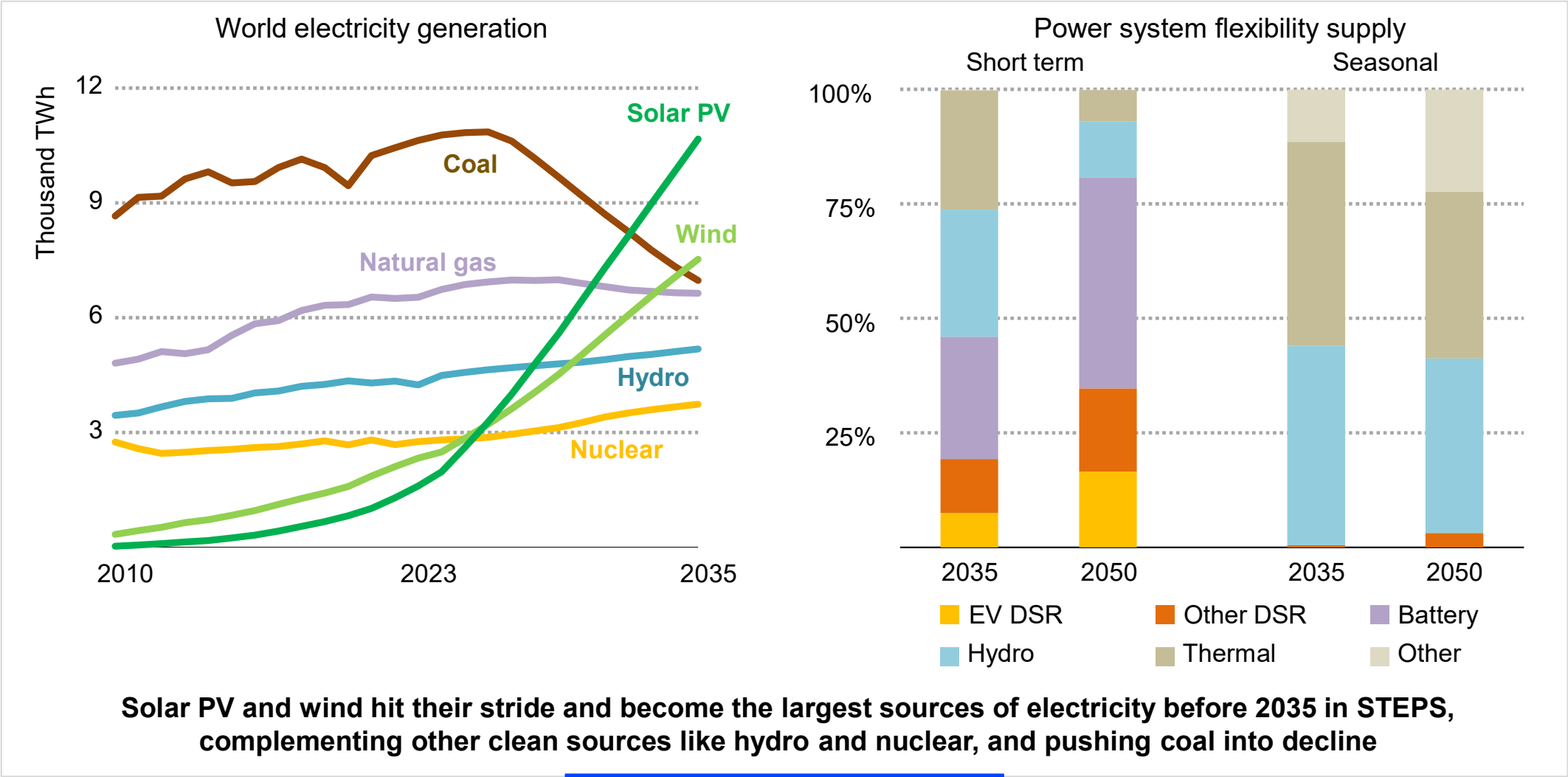


Natural gas faces an uncertain outlook, especially in emerging economies. The World Energy Outlook explores the impact of potential uncertainties on the outlook for natural gas and other fuels

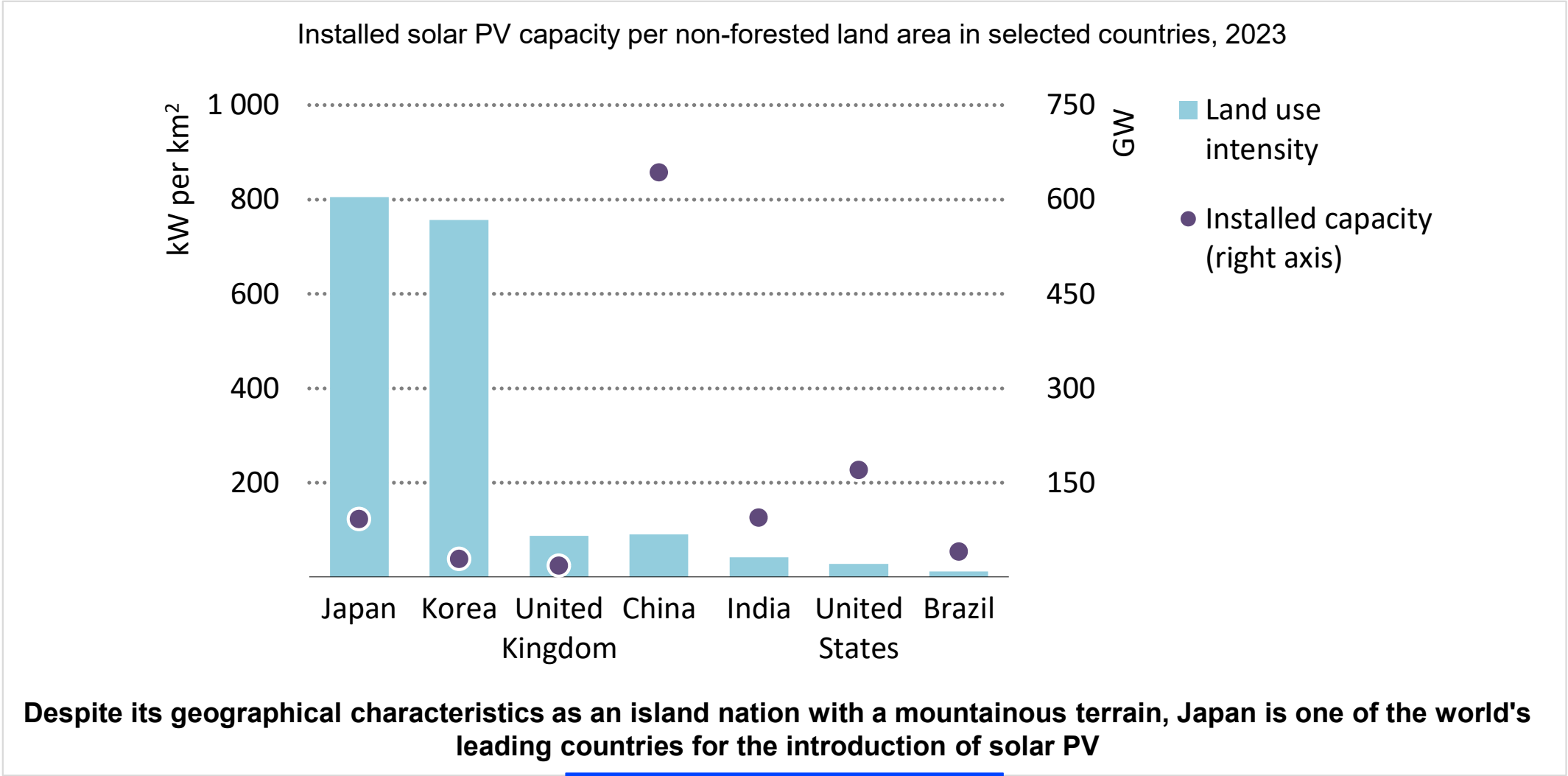
# Moving at speed into the Age of Electricity



# Electricity use is growing fast, clean power is rising even faster

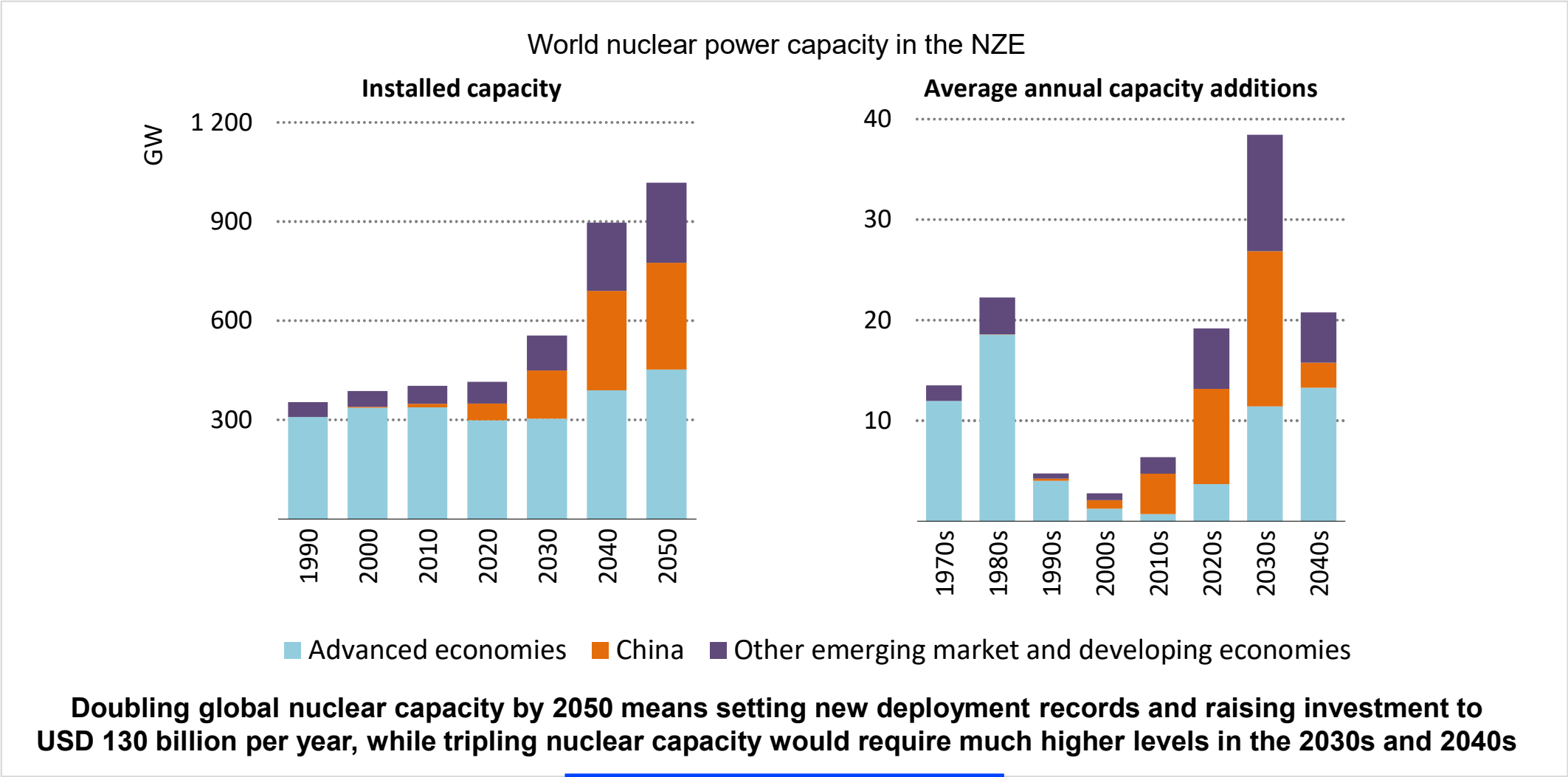


# Japan has installed significant solar PV in its non-forested land area



Nuclear capacity more than doubles to 2050 on the path to Net Zero

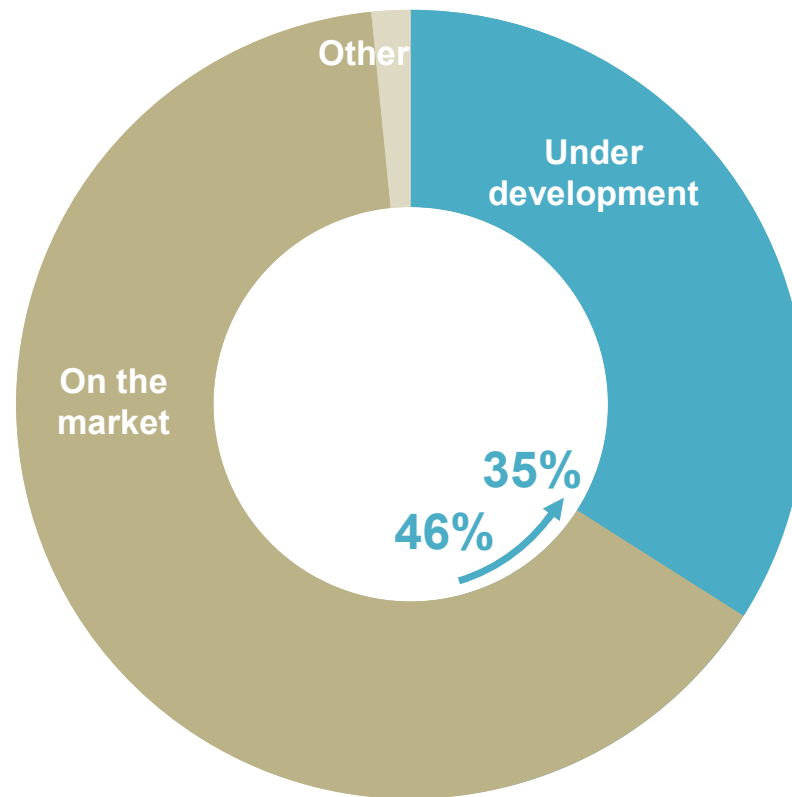
iea





# Prepare for the next phase of the transition by boosting innovation

CO2 savings by technology maturity in 2050, in NZE Scenario, 2023



**Unlocking the next generation of low-emissions technologies requires accelerating clean energy innovation by making demonstration projects bankable and by incentivising competition with effective international cooperation.**

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