Clean energy innovation for net zero

Working-level dialogue on commercializing clean energy innovations, 30 September 2021

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Clean energy innovation is an indispensable pillar for net zero

Global CO₂ emissions changes by technology maturity category in the net zero emissions by 2050 scenario

While the emissions reductions in 2030 mostly rely on technologies on the market, those under development today account for almost half of the emissions reductions in 2050.
Building on the past to find new ways to innovate through enhanced international collaboration

Technology development cycles would need to be 20% more rapid on average than the fastest past developments. USD 90 bn would need to be mobilised for demonstration projects to 2030 compared to around USD 25 bn currently budgeted by governments.