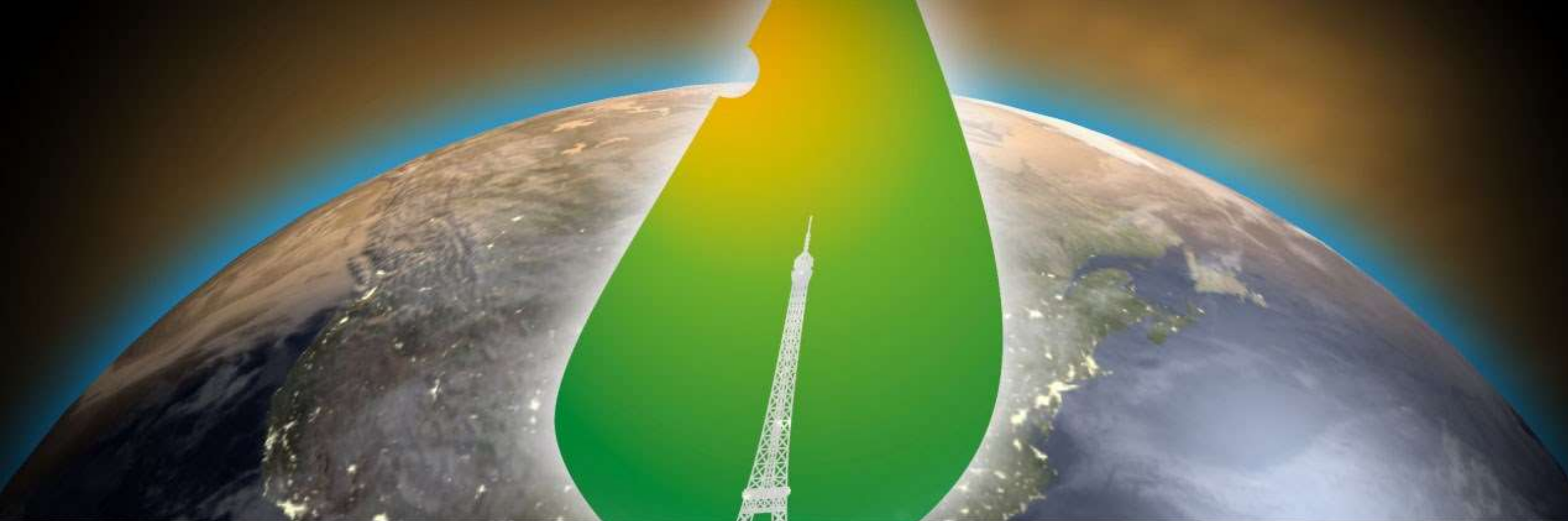


Energy Transition

IEA's World Energy Outlook

Prof. Dr.-Ing. habil. Nicolas Moussiopoulos

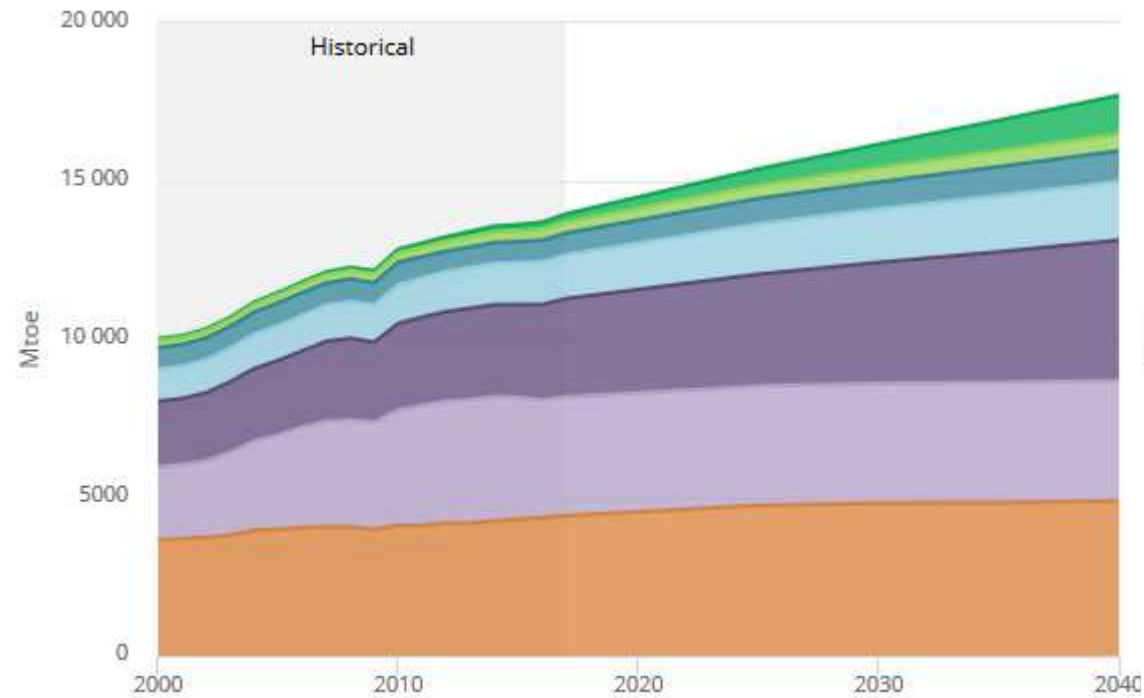
Aristotle University Thessaloniki, Greece



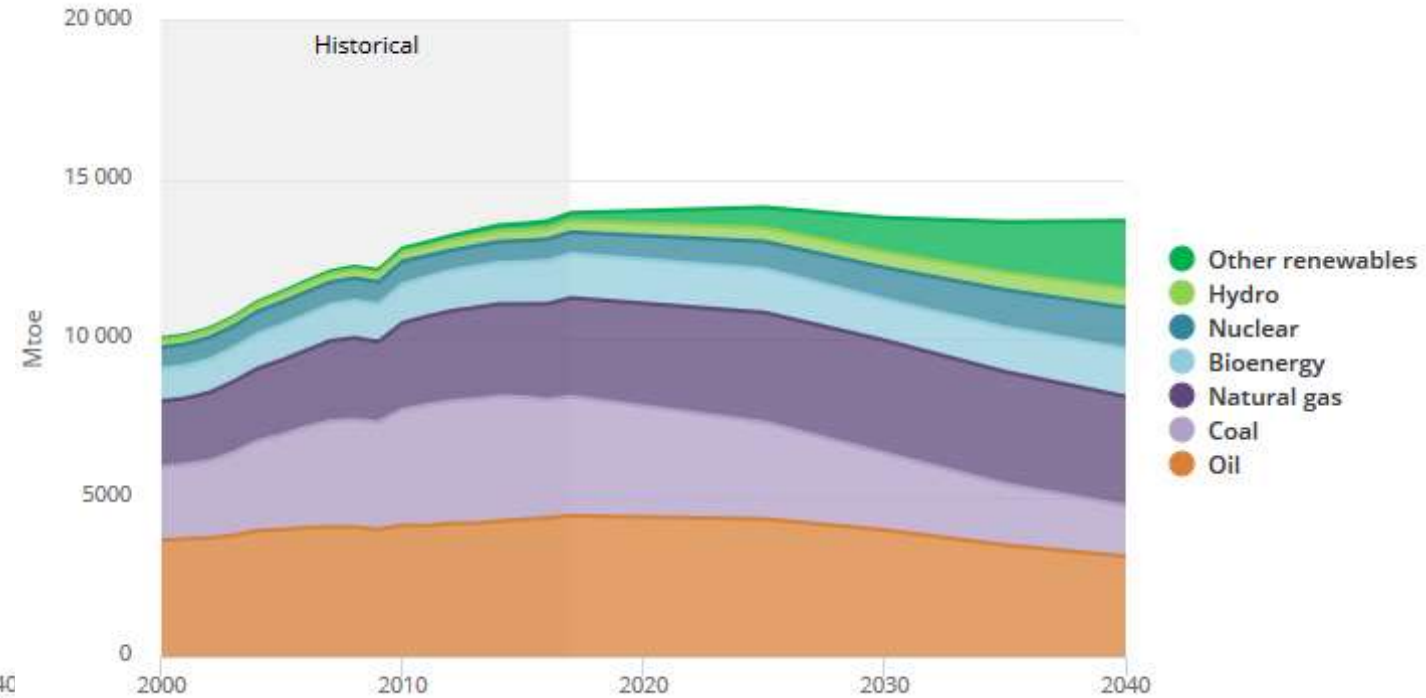
PARIS 2015

UN CLIMATE CHANGE CONFERENCE

World primary energy demand until 2040

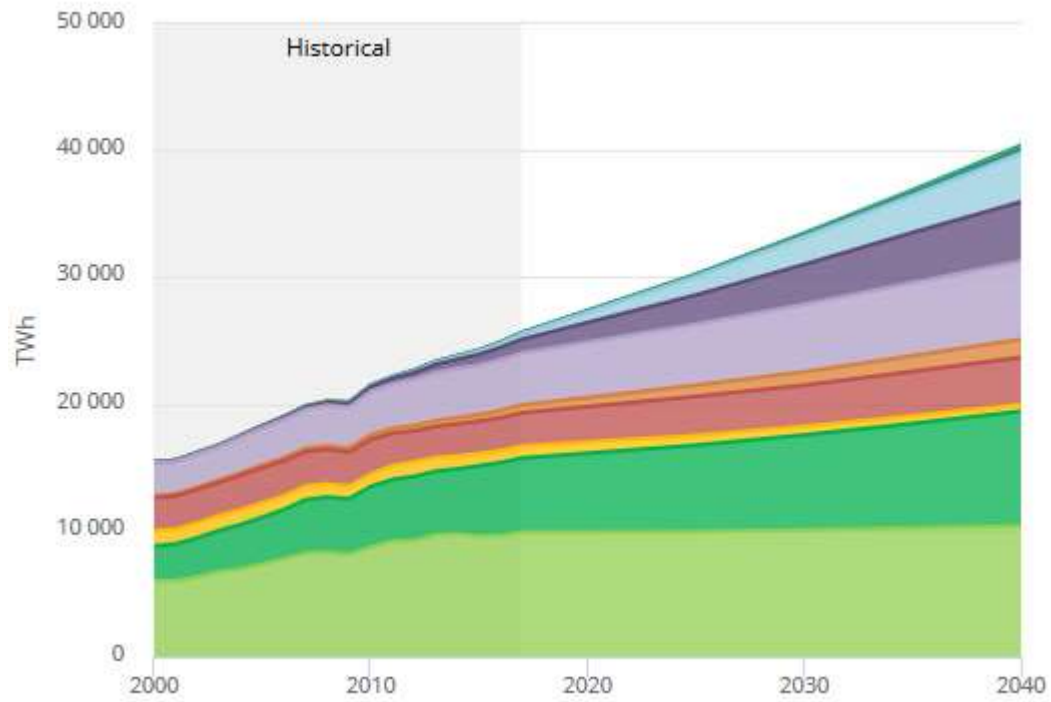


Business as usual

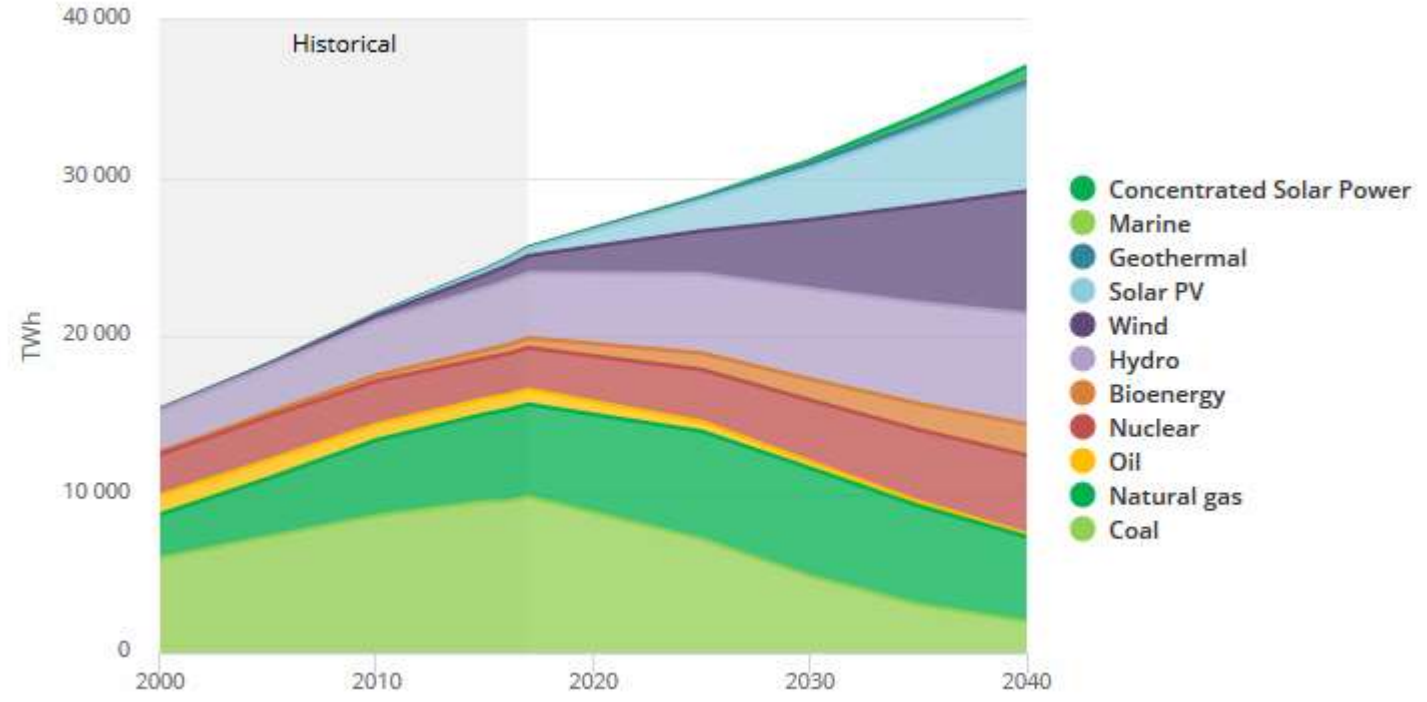


Sustainable development

World electricity generation by technology until 2040

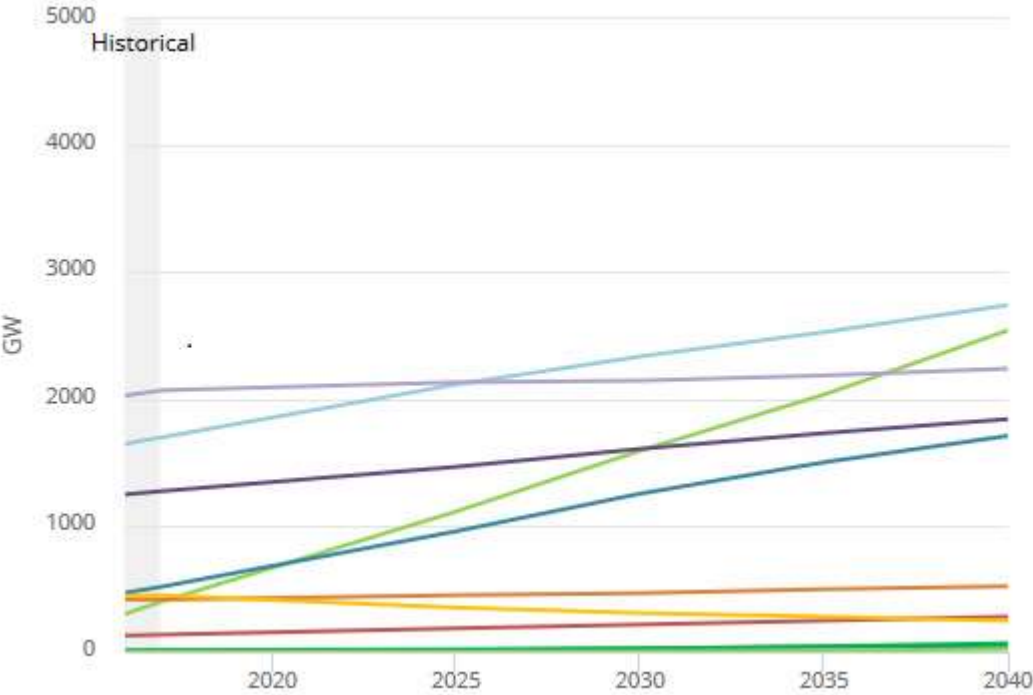


Business as usual

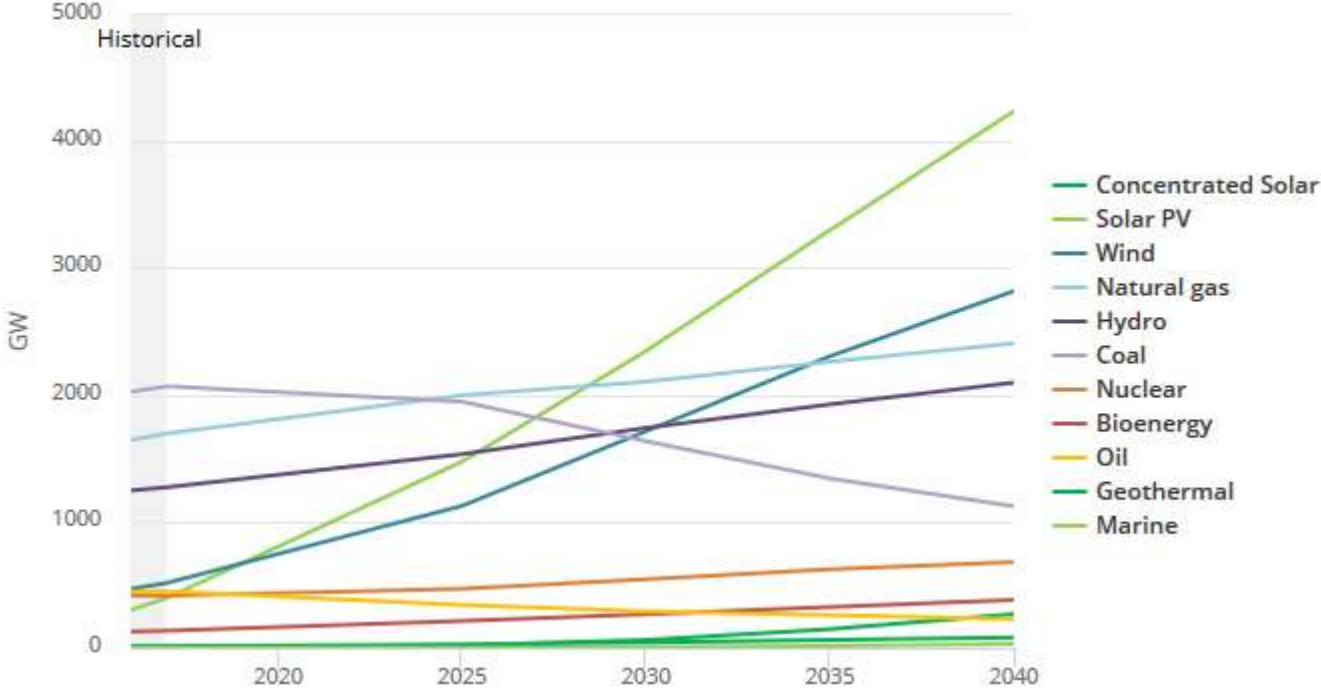


Sustainable development

Installed power generation capacity by type until 2040



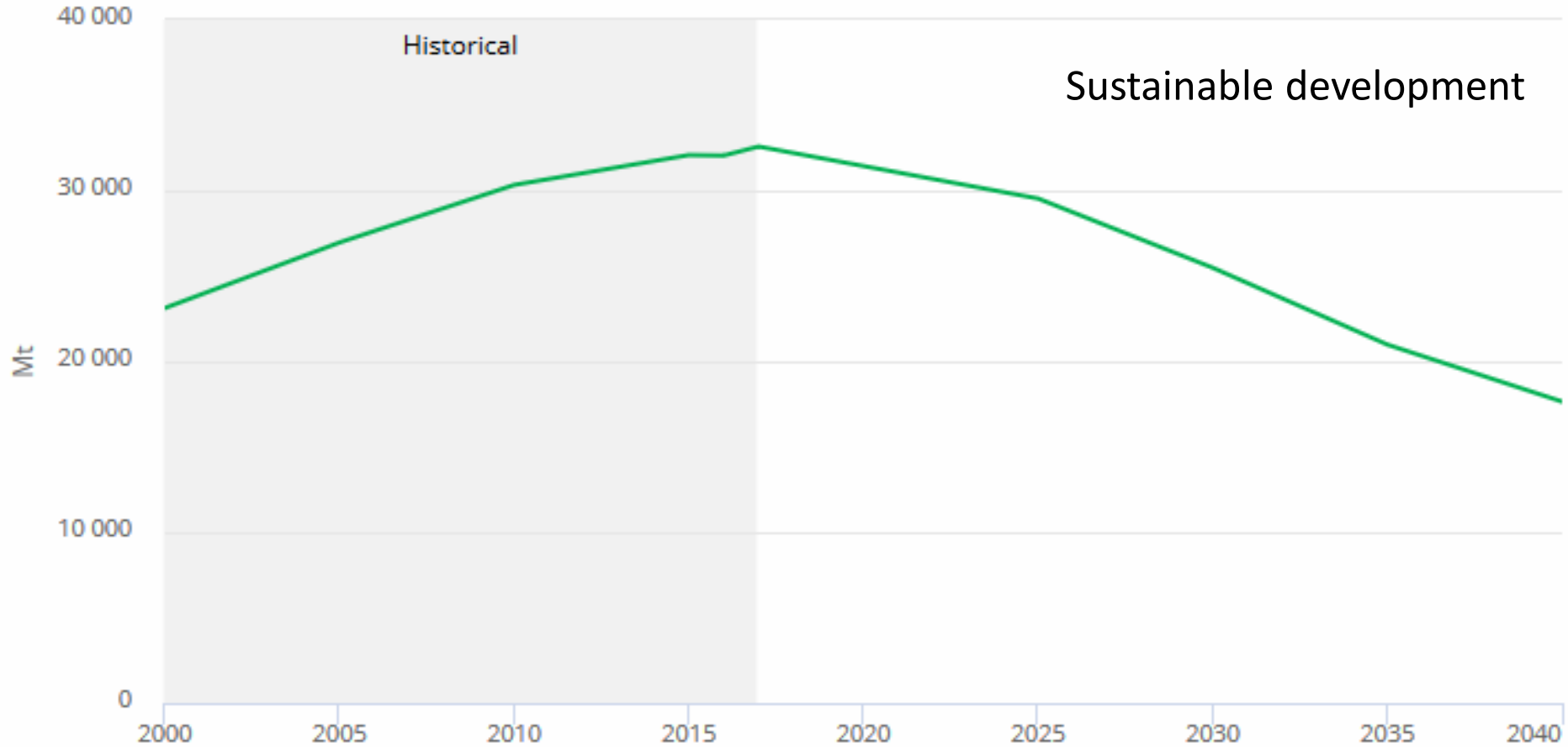
Business as usual



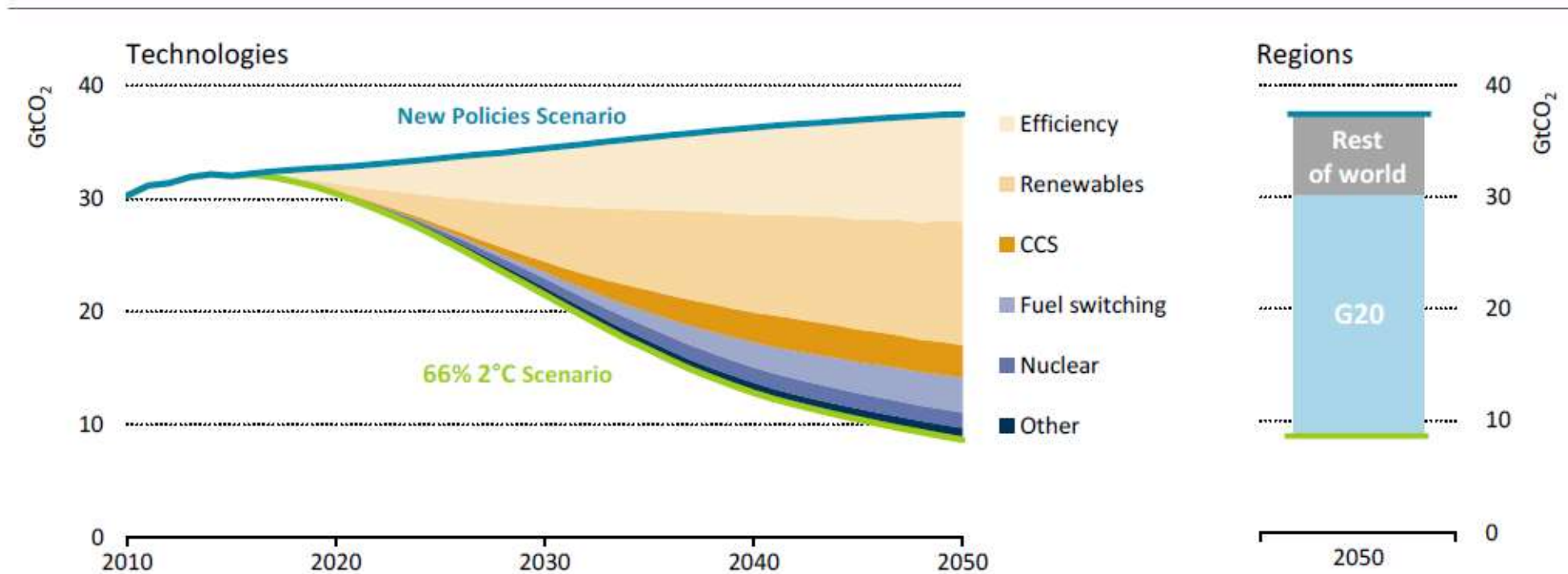
Sustainable development

Source: IEA, 2018

World CO₂ emissions until 2040

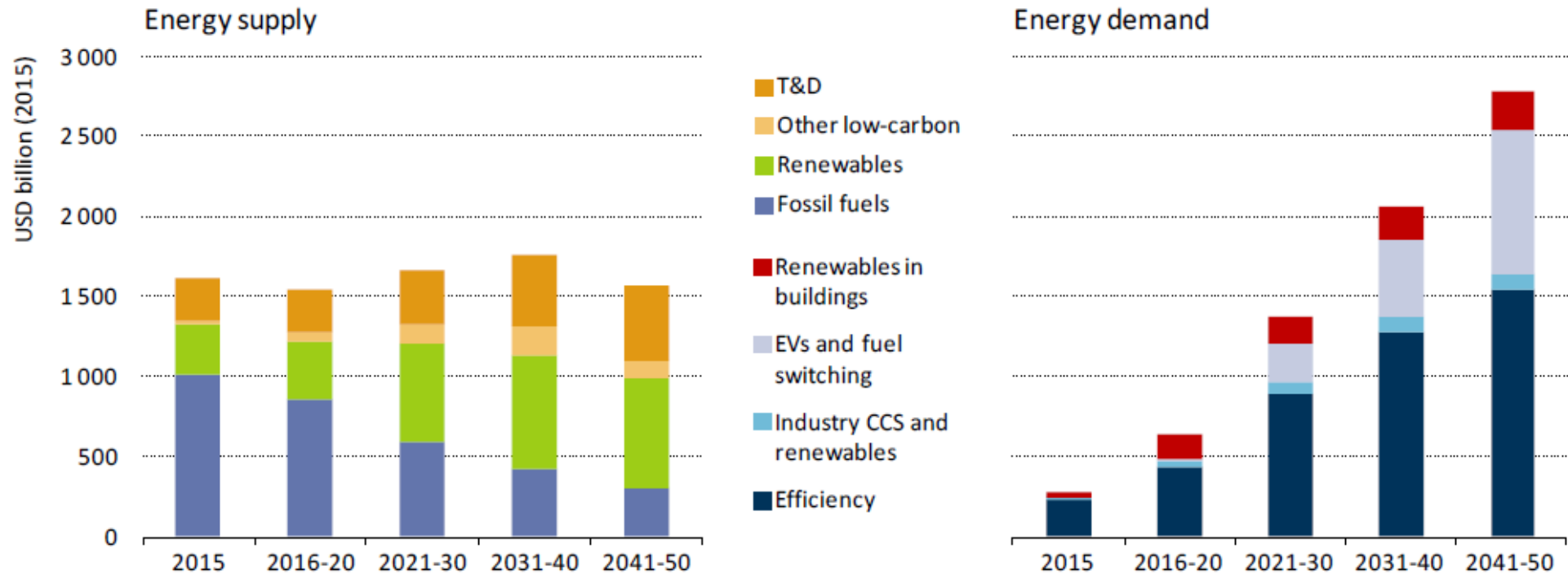


Global emissions abatement by technology and region in the 66% 2°C scenario relative to the New Policies Scenario



Source: IEA, 2017

Average annual global energy supply- and demand-side investment in the 66% 2°C Scenario



Source: IEA, 2017