

# World Energy Outlook 2018



**Maximising synergies between the  
sustainable development goals**

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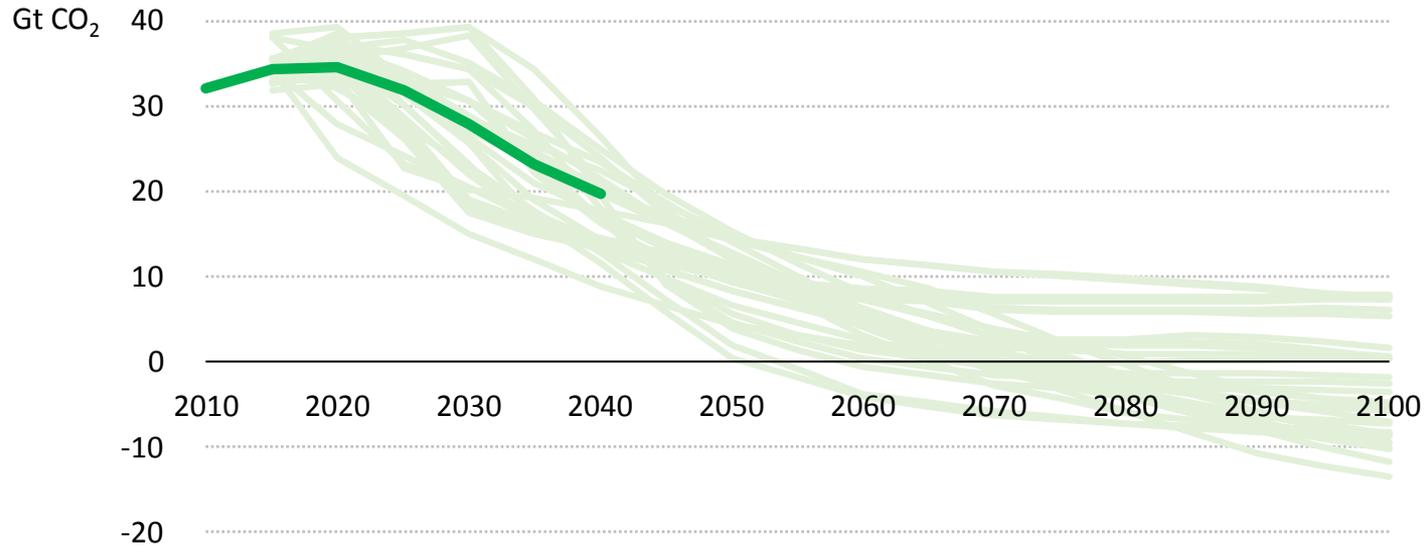
# Integrated strategy for energy & sustainable development



*The Sustainable Development Scenario reduces CO<sub>2</sub> emissions while also tackling air pollution, achieving universal energy access, and assessing implications for water*

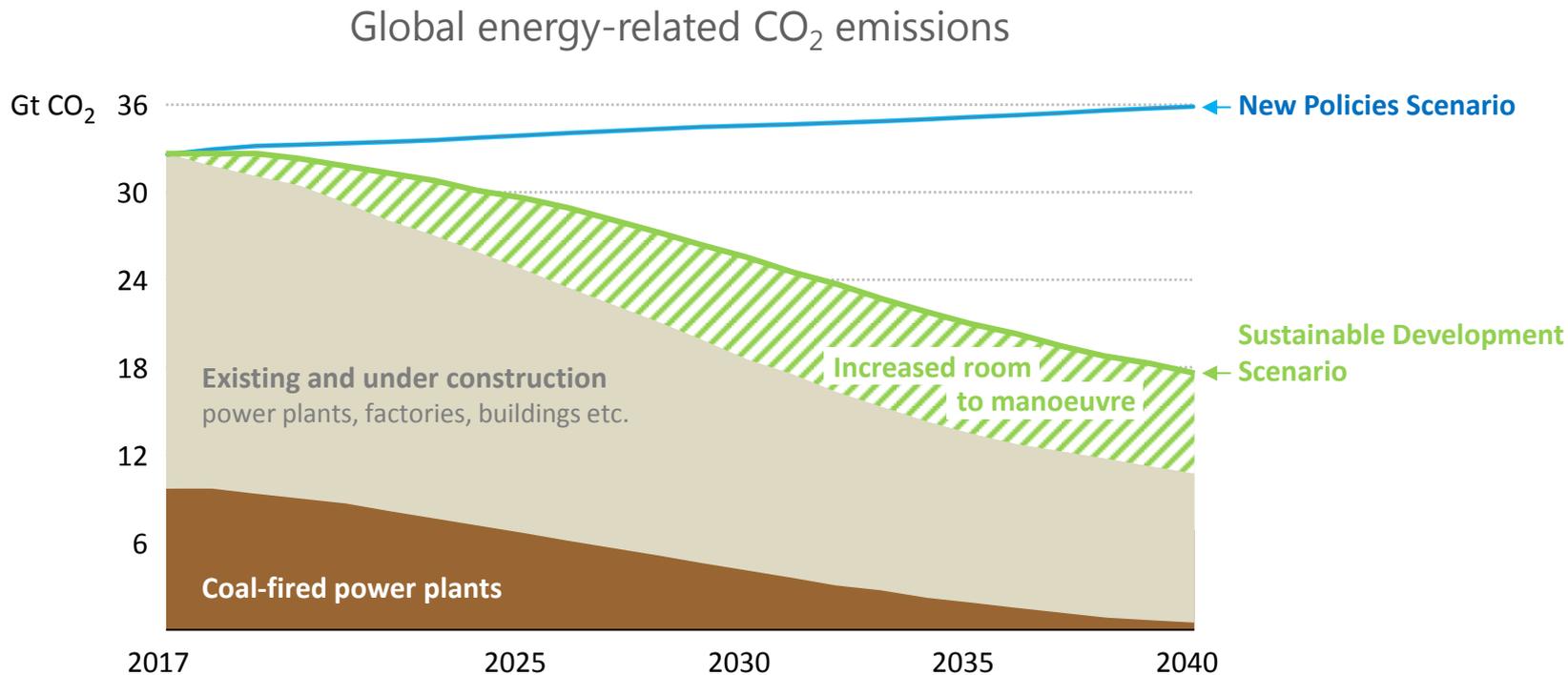
# The Sustainable Development Scenario and the Paris Agreement goals

Energy & industry CO<sub>2</sub> in the Sustainable Development Scenario and other 1.5-1.6°C scenarios



*The CO<sub>2</sub> emissions trajectory to 2040 in the SDS is in the middle of the range of scenarios projecting a global temperature rise of 1.5 -1.6 °C in 2100*

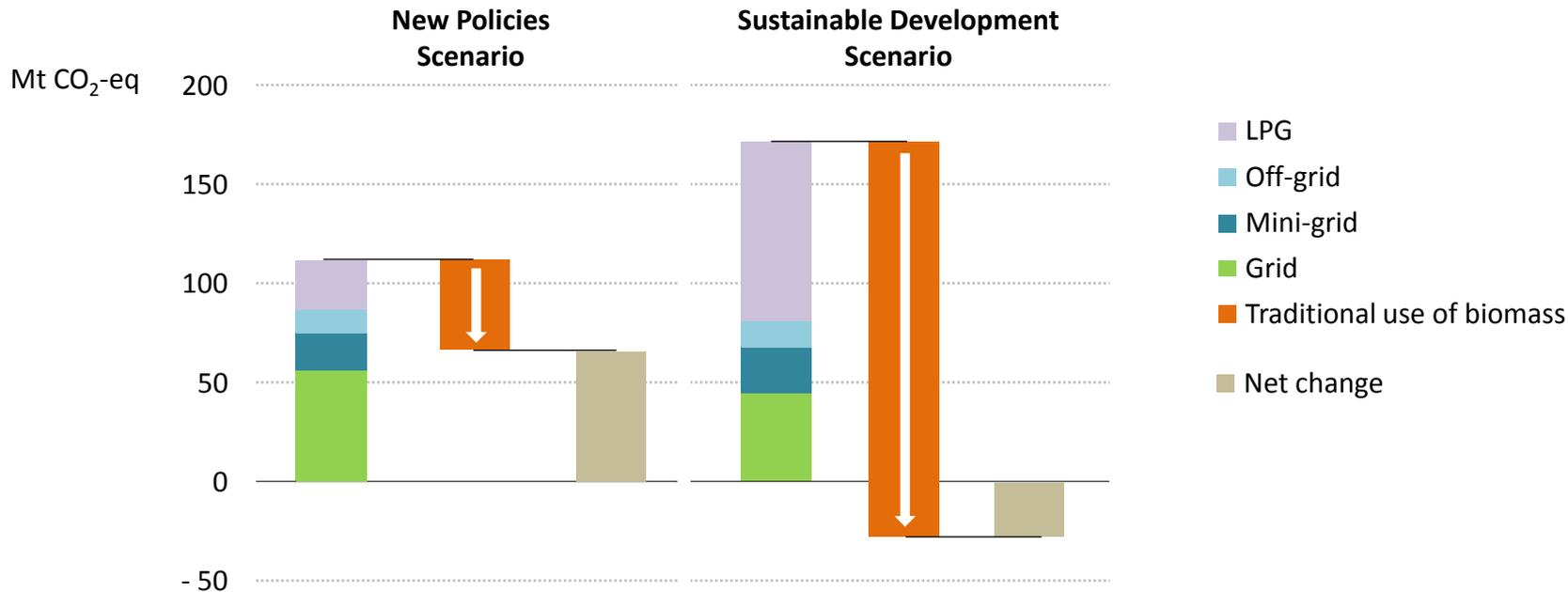
# Can we unlock a different energy future?



*Coal plants make up one-third of CO<sub>2</sub> emissions today and half are less than 15 years old; policies are needed to support CCUS, efficient operations and technology innovation*

# Synergies between energy access and GHG mitigation

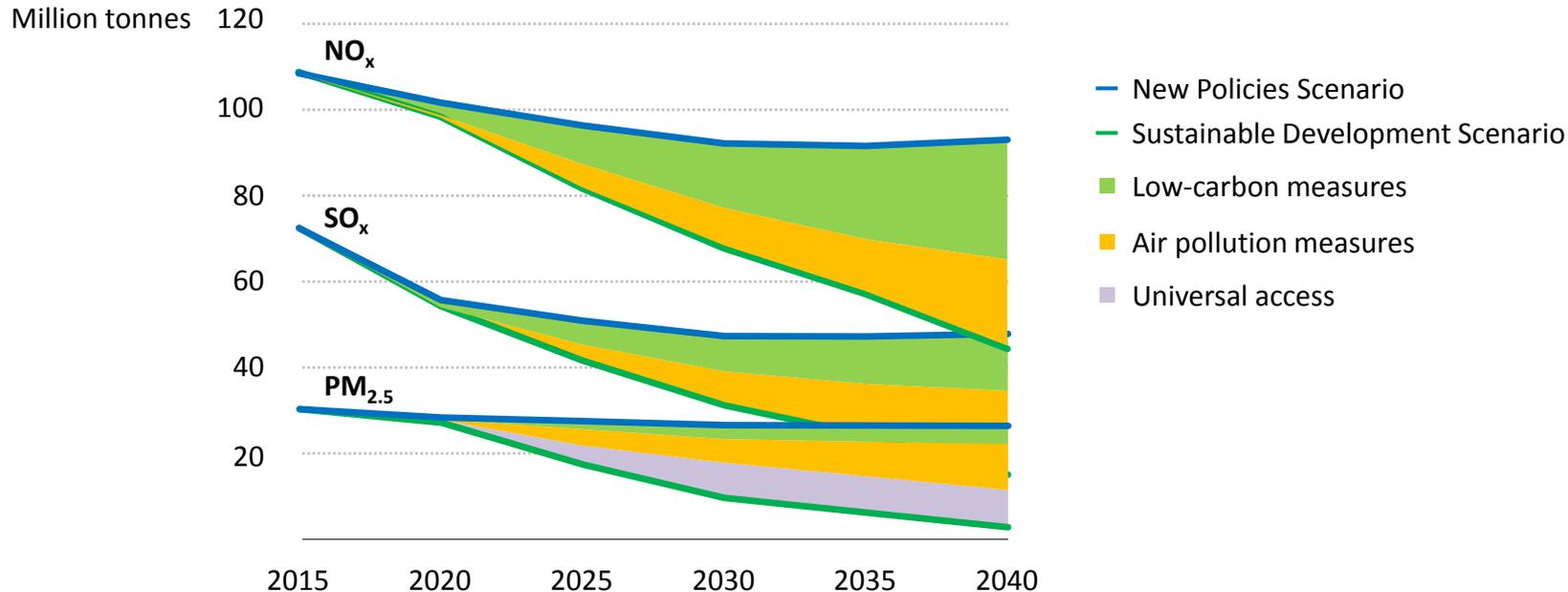
Energy access-related GHG emissions in 2030 compared to today by scenario



*Higher CO<sub>2</sub> emissions from increased fossil fuel consumption for access are more than offset by a reduction in other GHGs from avoided traditional use of biomass*

# Synergies between low-carbon measures and air pollution

## Pollutant emissions in the New Policies and Sustainable Development scenarios



*Low-carbon measures rather than measures specific to air pollution account for 57% of NO<sub>x</sub> and 40% of SO<sub>2</sub> emissions reductions*

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