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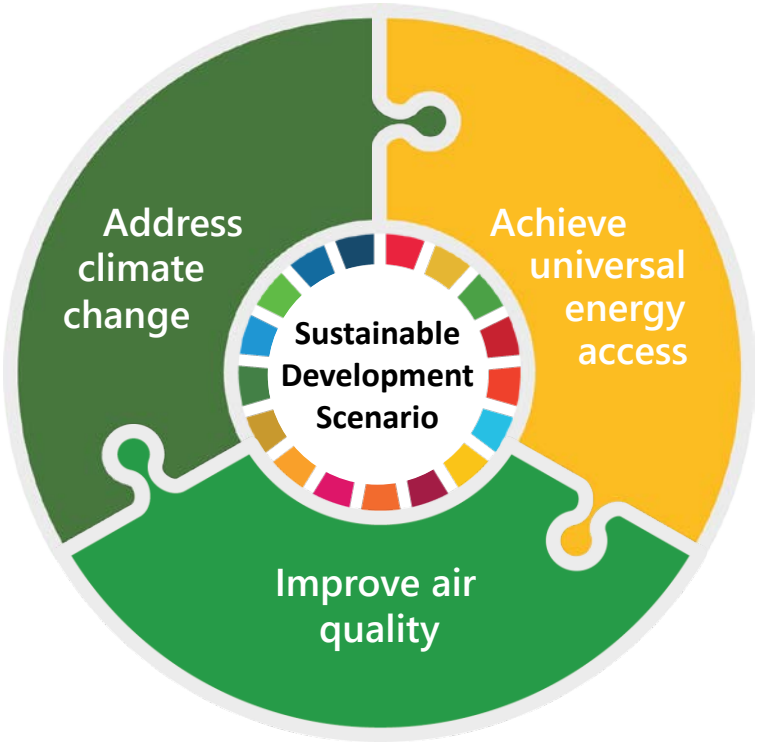
Maximising synergies between the sustainable development goals

Christophe McGlade

12 December 2018

Integrated strategy for energy & sustainable development

World Energy Outlook 2018





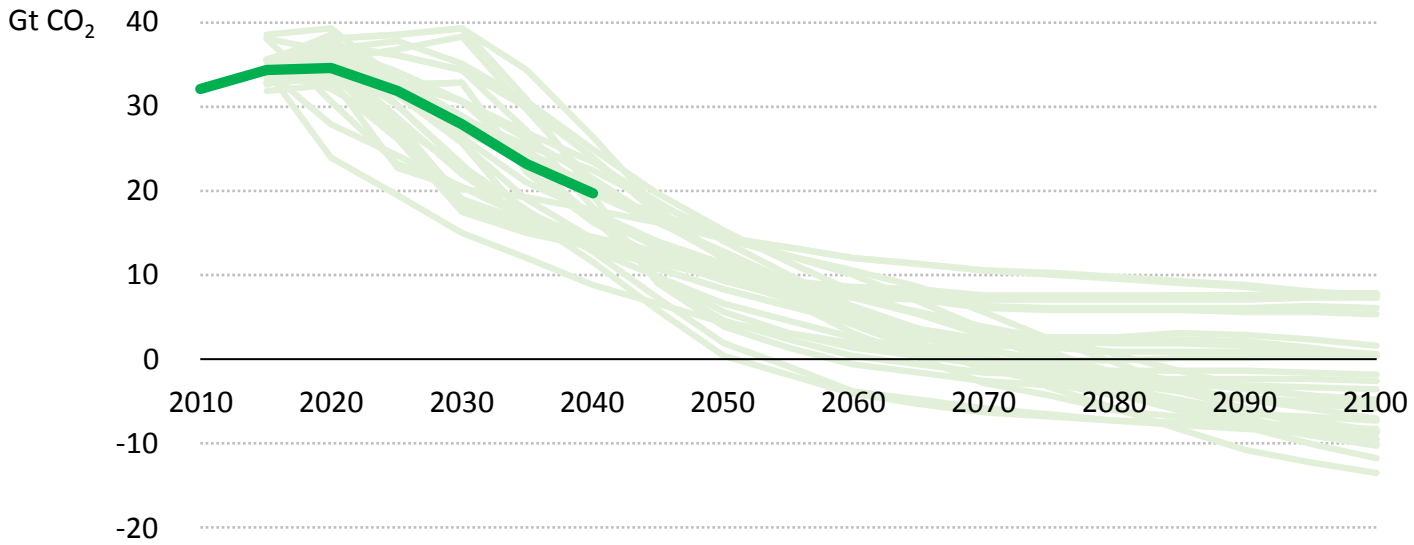
The Sustainable Development Scenario reduces CO_2 emissions while also tackling air pollution, achieving universal energy access, and assessing implications for water

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The Sustainable Development Scenario and the Paris Agreement goals

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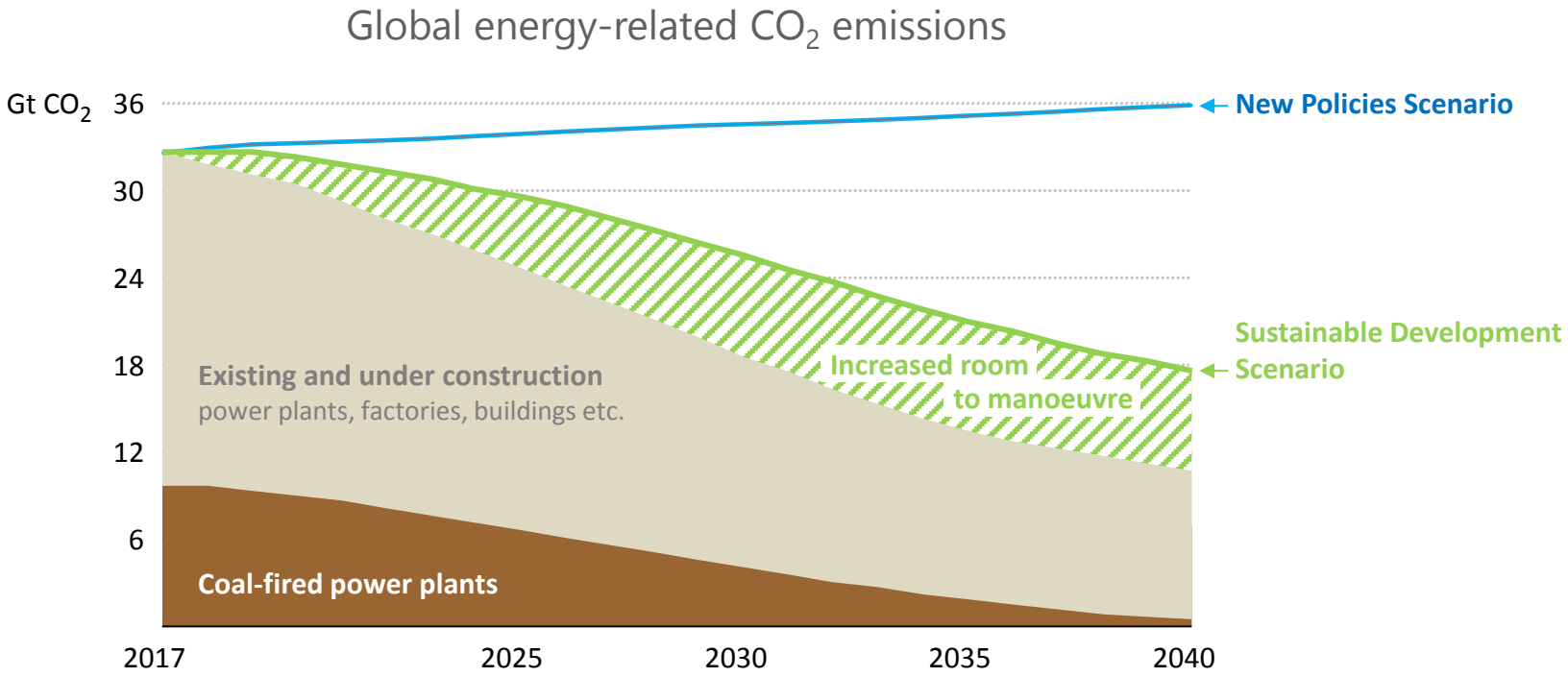
Energy & industry CO_2 in the Sustainable Development Scenario and other 1.5-1.6°C scenarios



The CO_2 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

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Can we unlock a different energy future?



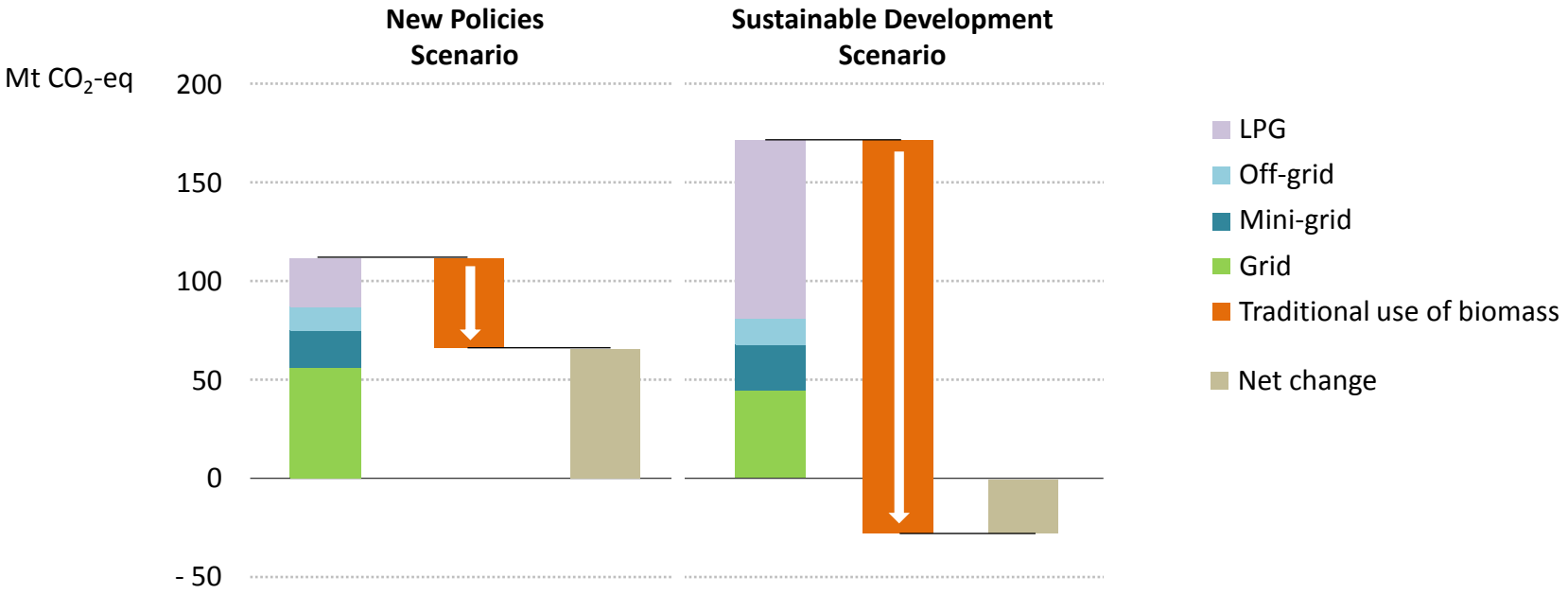
Coal plants make up one-third of CO_2 emissions today and half are less than 15 years old; policies are needed to support CCUS, efficient operations and technology innovation

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Synergies between energy access and GHG mitigation

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



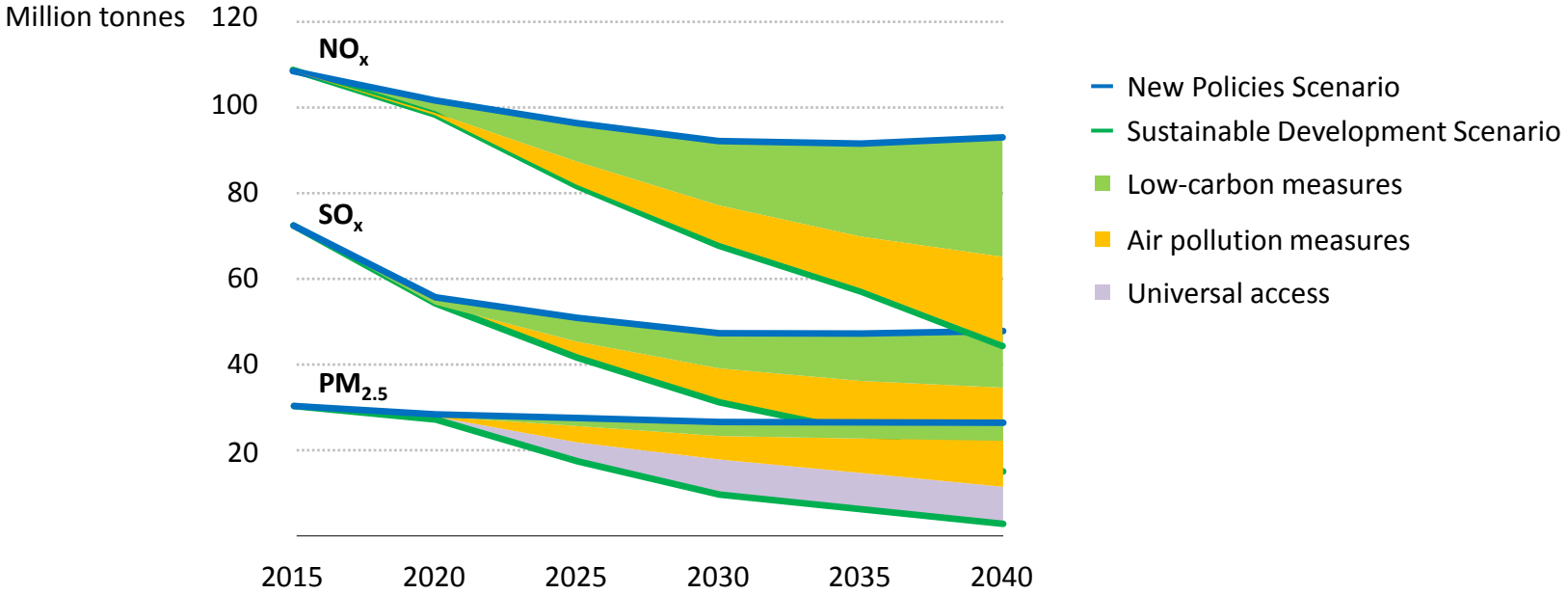
Higher CO_2 emissions from increased fossil fuel consumption for access are more than offset by a reduction in other GHGs from avoided traditional use of biomass

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Synergies between low-carbon measures and air pollution

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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_X and 40% of SO_2 emissions reductions

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