



IEA/ADEME G20 End-Use Data and Energy Efficiency Metrics Workshop

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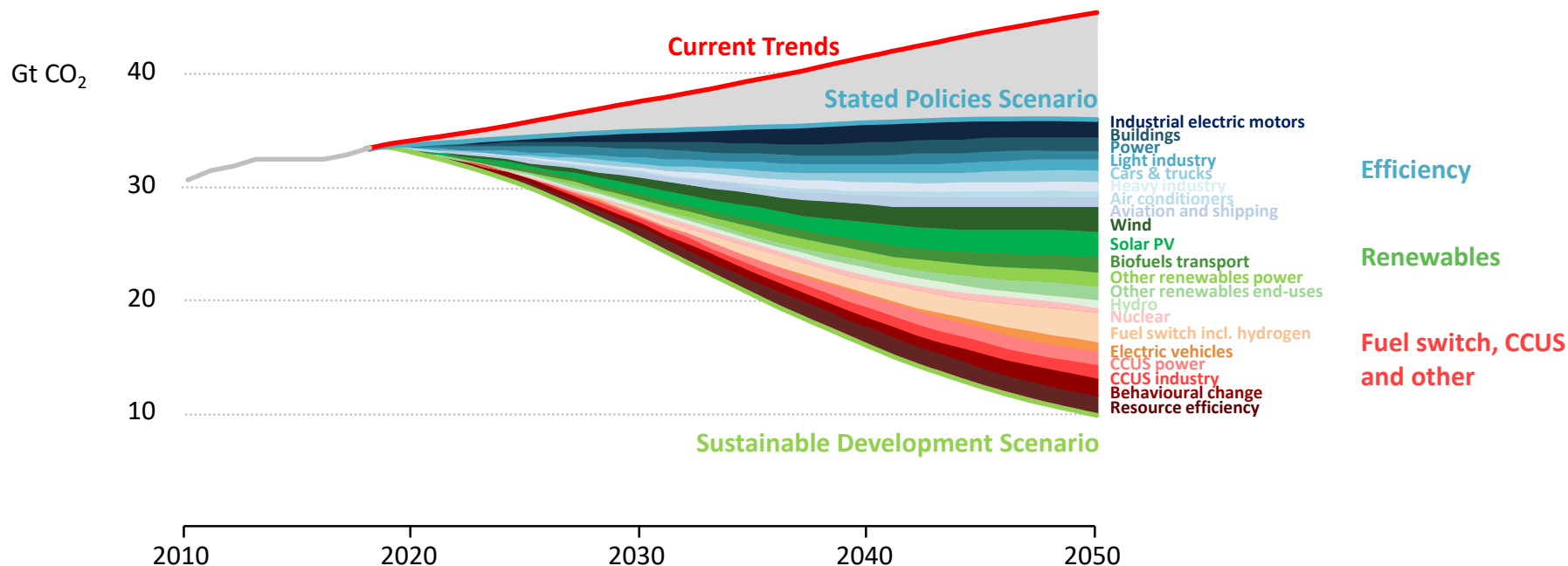
Paris, 21 November 2019

World Energy Context

- The energy world is marked by a series of deep disparities, between:
 - The calm in well-supplied oil markets versus deep geopolitical tensions and uncertainties
 - The need for **rapid cuts in emissions**, while these emissions reach historic highs
 - The **promise of energy for all**, while 850 million people remain without access to electricity
- Cost reductions & **digitalisation** are boosting new technologies, but they still need a helping hand from policy
- More than ever, energy decision makers need to take a **hard, evidence-based look** at the choices ahead

No single or simple solutions to reach sustainable energy goals

Energy-related CO₂ emissions and reductions in the Sustainable Development Scenario by source



A host of policies and technologies will be needed across every sector to keep climate targets within reach, and further technology innovation will be essential to aid the pursuit of a 1.5°C stabilisation

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