

REDRAWING THE ENERGY-CLIMATE MAP

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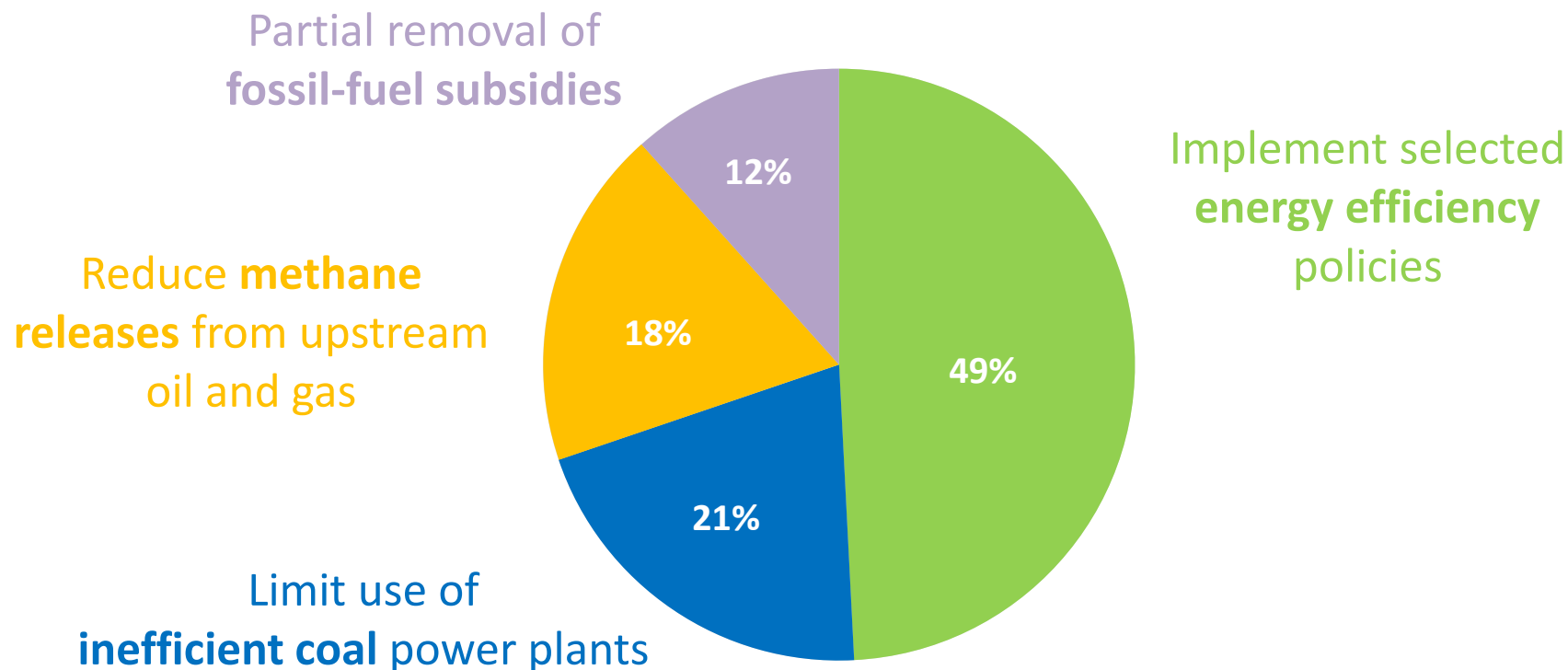
World Energy Outlook Special Report

How to keep the 2 °C target alive?

- **National efforts in this decade need to buy time for an international agreement, expected to come into force in 2020**
- **Measures to 2020 should meet key criteria:**
 - *No harm to countries' economic growth*
 - *Significant near-term emissions reductions*
 - *Reliance only on existing technologies and proven policies*
 - *Significant national benefits other than climate change mitigation*
- **Our 4-for-2 °C Scenario proposes four measures that meet these criteria**

Four measures can stop emissions growth by 2020

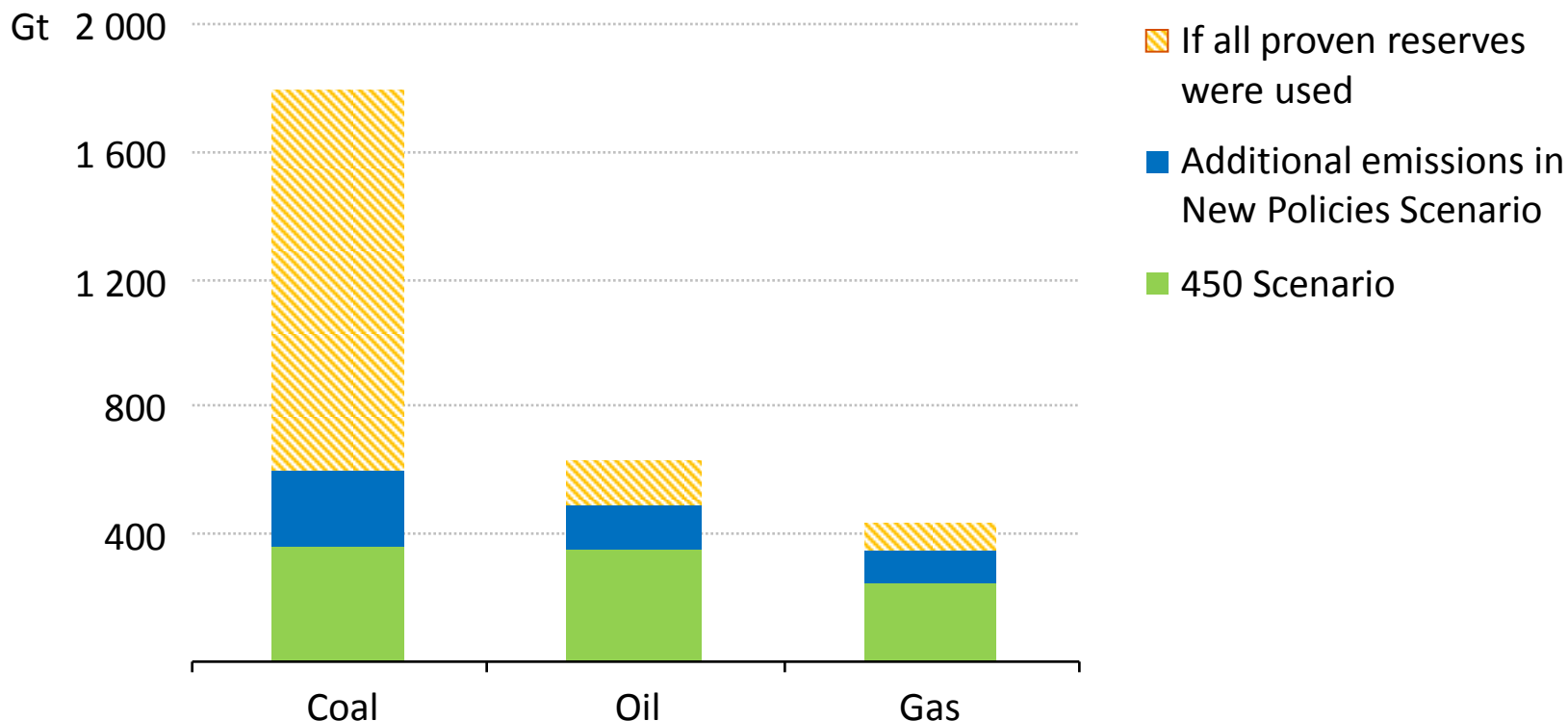
Emissions savings in the 4-for-2 °C Scenario, 2020



Four measures can stop the growth in emissions by 2020 at no net economic cost, reducing emissions by 3.1 Gt, 80% of the savings required for a 2 °C path

Some fossil-fuel reserves may remain underground

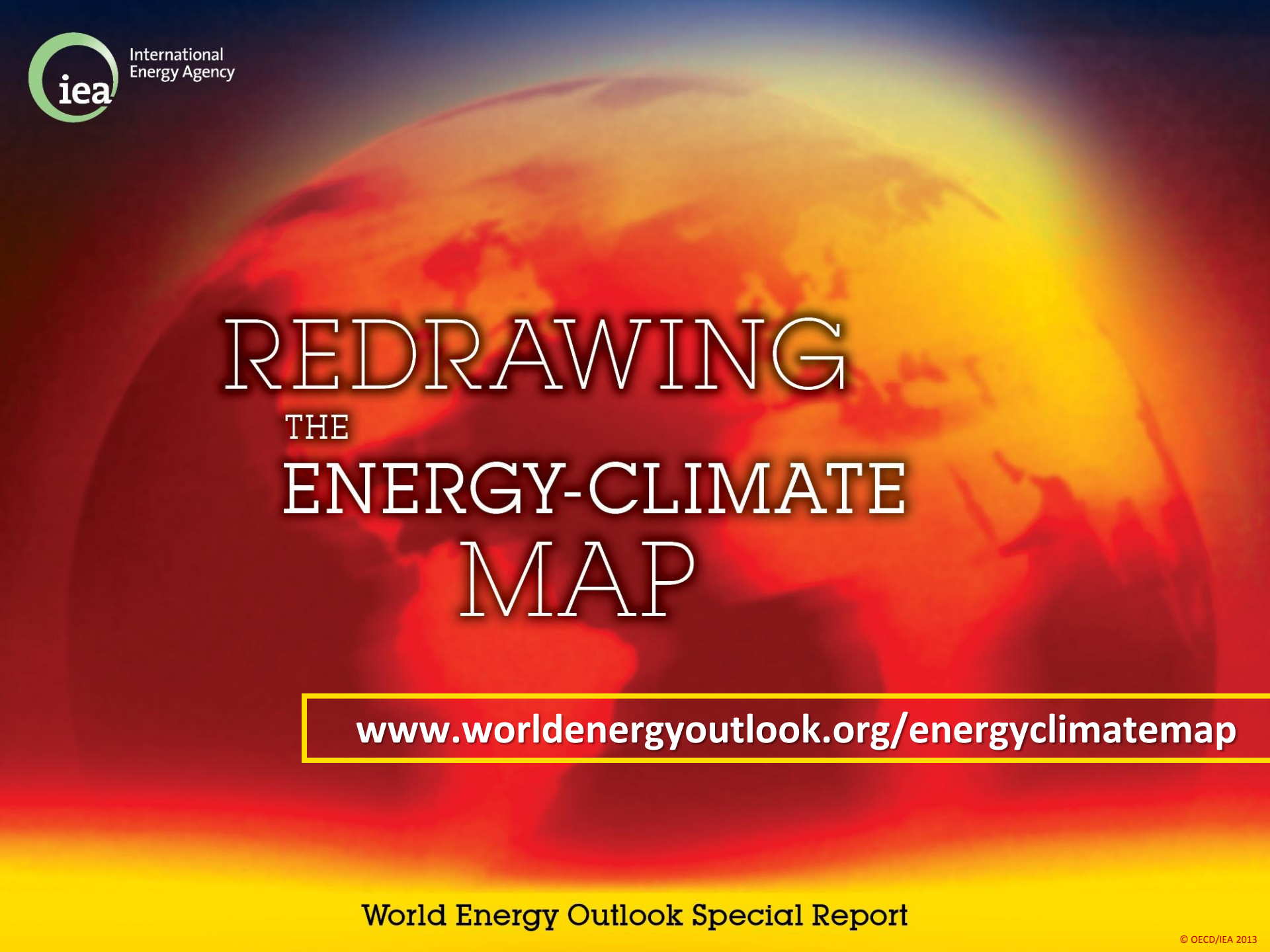
Potential CO₂ emissions from proven fossil-fuel reserves to 2050



On today's trends, half of the proven fossil-fuel reserves would be left undeveloped to 2050 – stronger climate action would increase the share

Key messages

- **Early national action is required while negotiating towards a global deal in Paris in 2015 that then comes into force by 2020**
- **Four measures can stop emissions growth by 2020 and keep the 2 °C target alive, without harming economic growth**
- **There is a need for parallel action to deploy critical low-carbon technologies at scale after 2020, including CCS**



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