



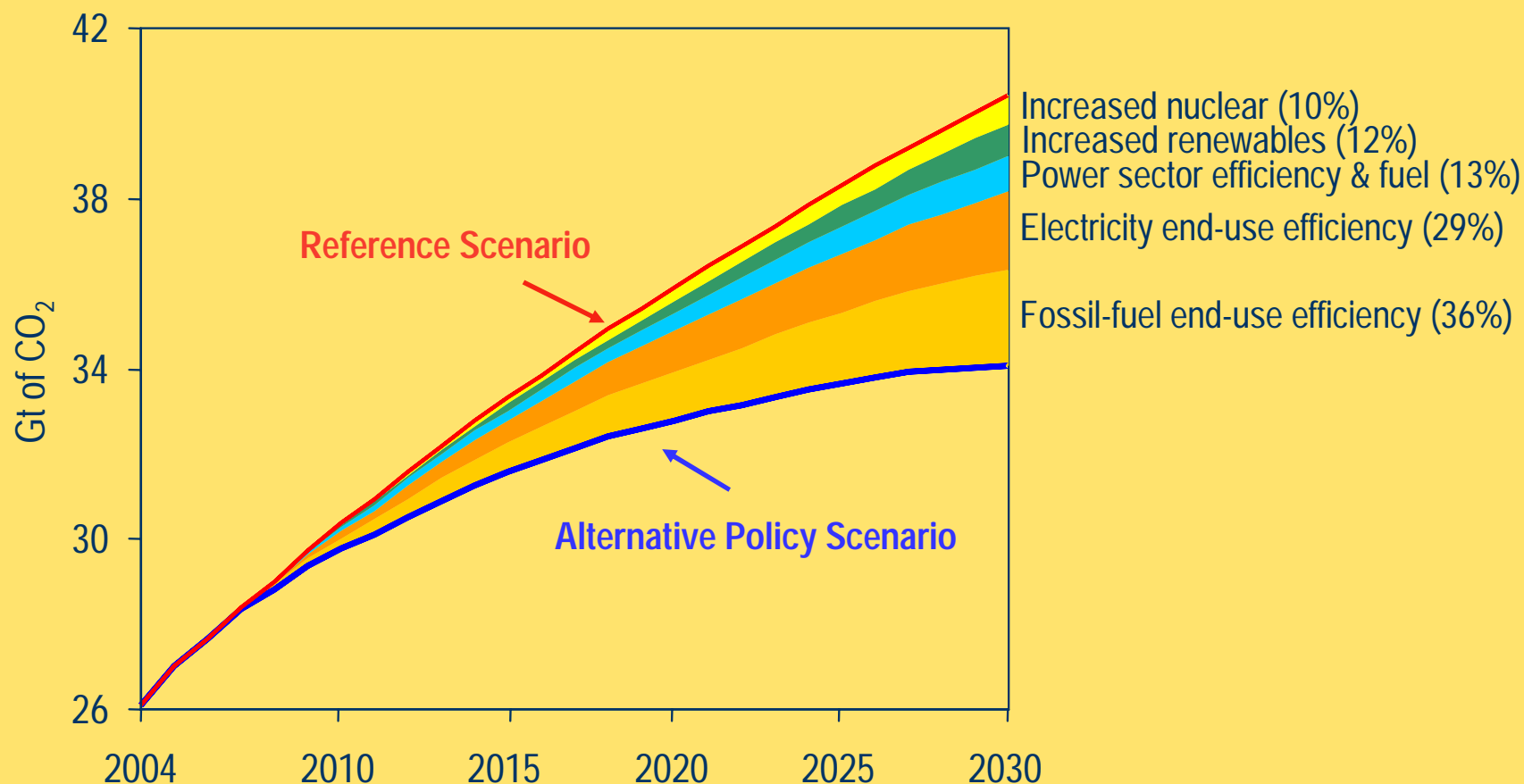
INTERNATIONAL ENERGY AGENCY



World Energy Outlook 2006

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Alternative Policy Scenario: Global Savings in Energy-Related CO₂ Emissions



Improved end-use efficiency of electricity & fossil fuels accounts for two-thirds of avoided emissions in 2030

- On current trends, we are on course for an unstable, dirty & expensive energy future
- In response, urgent government policy action is required in two key areas:
 - Promoting energy investment
 - Promoting energy efficiency
- In addition to improving energy security and the environment, these policies also make economic sense
- The *WEO* sets out the essential first steps on a path towards a clean, clever and competitive energy future
- For a truly sustainable energy system, technological breakthroughs will also be needed

Making the Alternative Policy Scenario a Reality



- Formidable hurdles exist to the adoption & implementation of the Alternative Policy Scenario
- It will require considerable political will to push through those policies
- Private-sector support & international cooperation will be essential
- It is cheaper than the Reference Scenario – energy and investment savings more than offset costs
- Action is needed urgently
 - *Emissions are rising faster than anticipated*
 - *Delaying implementation by a decade would reduce cut in cumulative emissions to 2030 from 8% to 2%*
 - *Delays in stepping up R&D – particularly carbon capture & storage – would reduce cut in emissions after 2030*