

WORLD **ENERGY** OUTLOOK 2012

In-depth study on energy-efficiency

Dr Fatih Birol
Chief Economist, IEA

Tokyo, Japan, 10 May, 2012

The context: fresh challenges add to already worrying trends

- **Economic concerns have diverted attention from energy policy & limited the means of intervention**
- **High oil prices – a major risk for the global economy**
- **Post-Fukushima, nuclear is facing uncertainty**
- **CO₂ emissions rebounded to a record high**
- **Durban was a step forward, but is yet to make a noticeable impact on investment**

Overview of WEO-2012

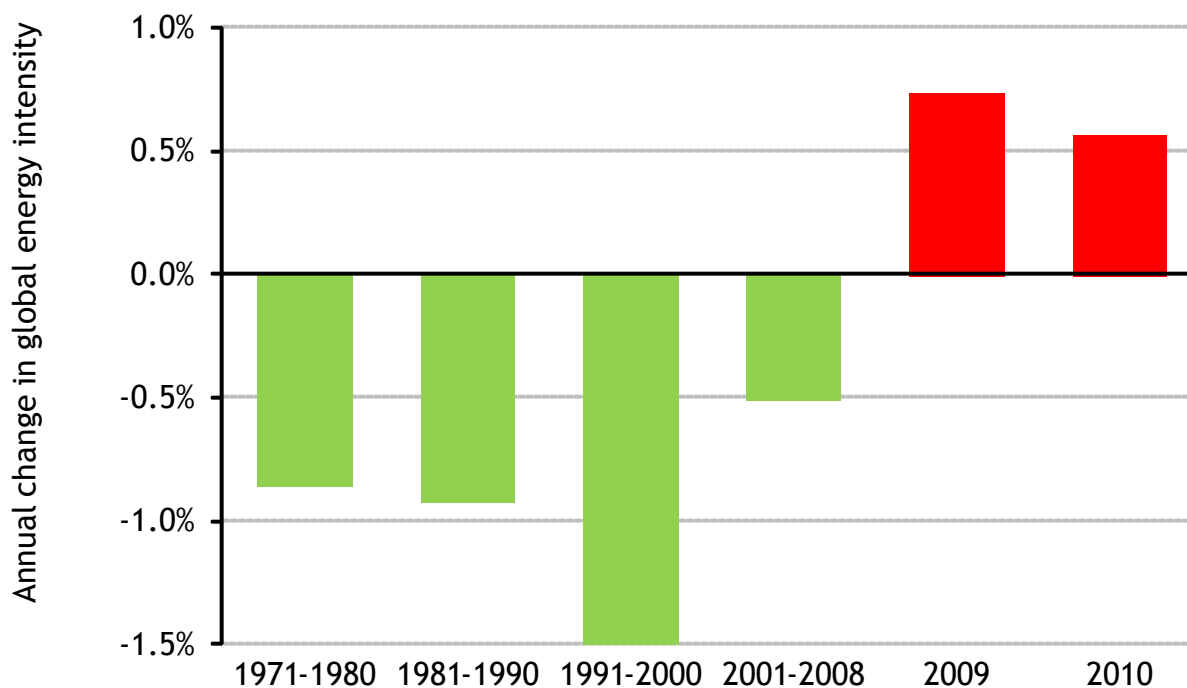
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- A full update of energy projections
 - By country, fuel & sector, through to 2035
- Objective & comprehensive analysis of topical issues
 - Fuel focus: energy efficiency – how to unlock the potential
 - Climate impact on energy trends
 - Energy-water nexus
 - Indicators to track energy access
- In addition, 2 special reports
 - 29 May: the role of best practices (“Golden Rules”) for a Golden Age of Gas
 - 9 October: first ever in-depth outlook for Iraq (also included in full WEO)
- Full WEO-2012 launch on 12 November

Energy efficiency is crucial for energy security and climate change

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Change in global energy intensity for selected periods

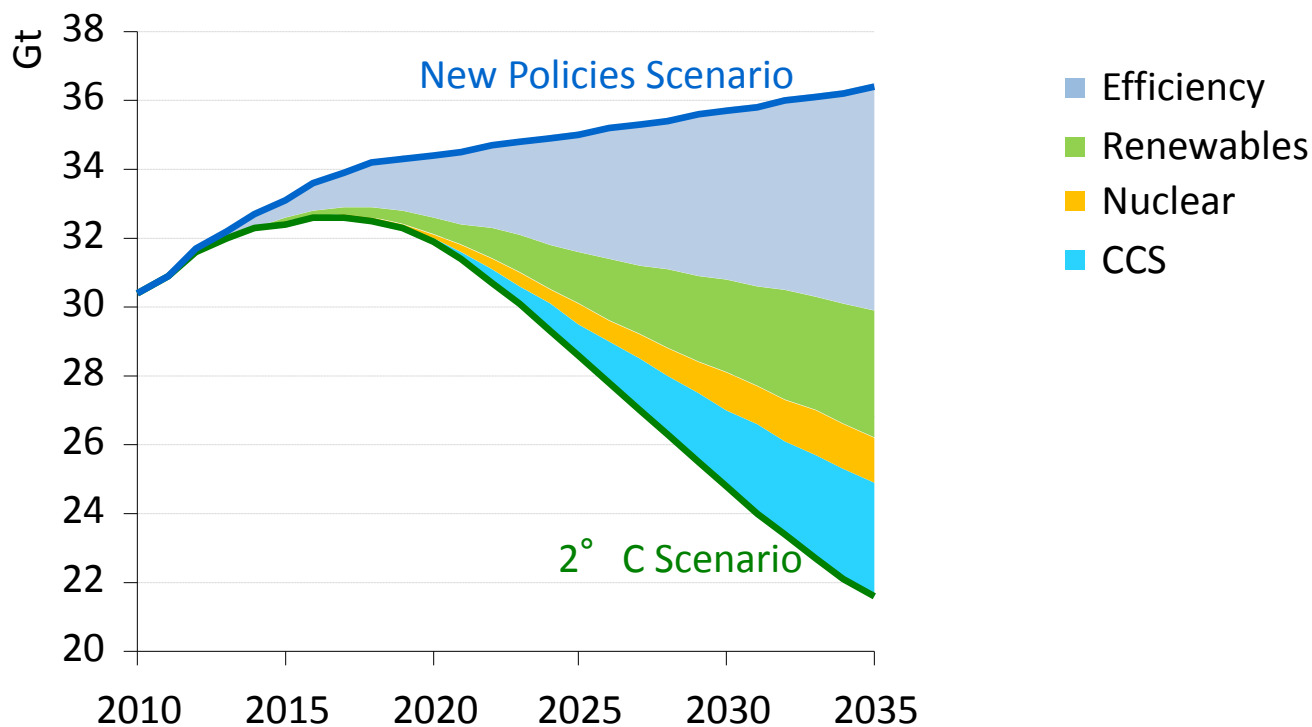


Global energy efficiency development is going in the wrong direction

Efficiency gains can contribute most to emissions reductions

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World energy-related CO₂ emissions abatement



Energy efficiency delays the need for building new infrastructure, buying precious time for action

Energy efficiency: Approach and topics

- Energy efficiency is crucial to increase energy security and to mitigate climate change, but global energy intensity has been deteriorating
 - Why? How to unlock the potentials?
- A new dedicated High Energy Efficiency Scenario will be developed
 - Detailed analysis of implications for the economy, energy security, energy access and environmental implications
- Country by country and sector by sector analysis will address:
 - Technical and economic potentials
 - Investment and financing needs
 - Implications to energy security, environment and economic growth
 - Market Barriers & the role of policies

- Work led by the Office of the Chief Economist, in co-operation with EEU and other IEA's divisions
- Collaboration with:
 - Governments around the world – learning from policies and best practices
 - Major energy producing and consuming industries and international organizations
 - Leading international experts and policy makers in EE
- Milestones
 - *Energy Efficiency Workshop in Tokyo, 10 May 2012*
 - Draft chapters sent out for peer review on 27 July
 - WEO launch to international press, London, 12 November
- Aim of this workshop: to seek expert views & advice that can shape the key findings & messages of the report
 - Tour de table in final session with suggestions for key topics & areas of study