



PROMOTING ENERGY EFFICIENCY

Energy efficiency will play a critical role in increasing energy security, and achieving environmental and economic objectives

THE CHALLENGE

- It is essential to increase energy efficiency in **all the main sectors of the economy**, such as industry, power utilities, transport, buildings, agriculture, lighting, appliances and cross-sectoral activities.
- It is estimated that energy efficiency measures could save more than 8 billion tons of CO₂ per year globally by 2030, and **contribute over 50% of the emission reductions** necessary to stabilise global concentrations at 450ppm in CO₂ equivalent from now to 2030.

G8 RESPONSE

- The G8 endorsed the operational launch of the **International Partnership for Energy Efficiency Cooperation (IPEEC)**, which aims to promote energy efficiency globally, facilitating actions that yield high energy efficiency gains.¹
- Leaders asked IPEEC to incorporate the **Sustainable Buildings Network**, which has been successfully developed under the energy pillar of the Heiligendamm Dialogue Process to exploit the potential of energy efficiency in residential, commercial and industrial buildings. They asked IPEEC to present its findings to the 2011 G8 Summit in France.
- They also expressed interest in the proposal for a **Global Energy Efficiency Action Initiative** and asked IPEEC to provide a report on its activities by 2011. The Initiative, proposed by the IEA in the context of IPEEC, is aimed at building capacity and sharing best practices at regional level to improve energy efficiency, including implementation of the IEA's 25 recommendations, through technical assistance and a series of capacity building seminars for private and public sector stakeholders.

¹ An agreement establishing the IPEEC was signed on 24 May 2009 at the G8 Energy Ministers' Meeting in Rome, by Brazil, Canada, the People's Republic of China, France, Germany, India, Italy, Japan, the Republic of Korea, Mexico, the Russian Federation, the United Kingdom, the United States of America, and the European Community, represented by the European Commission. Its Secretariat is hosted by the IEA.