



International
Energy Agency

ENERGY TECHNOLOGY PERSPECTIVES

2
0
1
0

Release
1st July
2010

Scenarios &
Strategies
to 2050

ENERGY TECHNOLOGY PERSPECTIVES 2010

Scenarios & Strategies to 2050

To meet the challenges of energy security and climate change as well as the growing energy needs of the developing world, a global energy technology revolution is essential. This was the key message of the 2008 edition of *Energy Technology Perspectives* (ETP). But is this fundamental transformation happening? What are the key technologies that can play a role? What are the costs and benefits? And what policies do we need?

The new *ETP 2010* explores such questions and many others, drawing on the extensive expertise of the International Energy Agency (IEA) and its energy technology network.

ETP 2010 presents updated scenarios from the present to 2050 that show which new technologies will be most important in key sectors and in different regions of the world. It highlights the importance of finance to achieve change, examines the implications of the scenarios for energy security and looks at how to accelerate the deployment of low-carbon technologies in major developing countries. It presents roadmaps and transition pathways for spurring deployment of the most important clean technologies and for overcoming existing barriers.

With extensive data, projections and analysis, *Energy Technology Perspectives 2010* provides decision makers with the detailed information and insights needed to accelerate the switch to a more secure, low-carbon energy future.

Order from our website: www.iea.org/books
or e-mail: books@iea.org

International Energy Agency
9, rue de la Fédération - 75739 Paris Cedex 15 - France
Tel +33 1 40 57 66 90

The Paris-based International Energy Agency is an intergovernmental body committed to advancing security of energy supply, economic growth and environmental sustainability through energy policy and technology co-operation. It was founded after the oil supply disruptions in 1973-1974 and its membership consists of 28 industrialised countries, members of the Organisation for Economic Co-operation and Development.