

### **IEA highlights energy efficiency and renewables**

Energy efficiency and renewable energy will need to deliver more than three quarters of the world's greenhouse emission reductions by 2030 if the world is to see only a two degrees Celsius increase in global average temperatures, according to the head of the International Energy Agency. "Current global trends in energy supply and consumption are patently unsustainable. Preventing irreversible damage to the global climate ultimately requires a major decarbonisation of world energy sources," says IEA Executive Director Nobuo Tanaka. The latest *World Energy Outlook 2008* report projects that energy efficiency could deliver 54 per cent of global emissions savings and renewables another 23 per cent to be the primary source of emissions savings if the world is to reduce carbon dioxide emissions below 450 ppm by 2030. "On current trends, energy related emissions of carbon dioxide and other greenhouse gases could push average global temperatures up by as much as six degrees Celsius in the long term based on IPCC projections," he says. "The energy sector will have to play the central role in curbing emissions through major improvements in efficiency and rapid switching to renewables and other low carbon technologies. Without meeting the energy challenge we cannot meet our climate challenge," Tanaka says.

**[Source essa news]**