



**PowerSwitch!**

FROM COAL TO CLEAN

# Carbon Dioxide Emissions Reduction Potential in Japan's Power Sector

- Estimating Carbon Emissions Avoided by a Fuel-Switch Scenario

Masami Nakata, Junichiro Oda, Charles Heaps and David von Hippel





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## WWF Climate Change Programme

Global warming and climate change pose serious threats to the survival of many species and to the well-being of people around the world.

WWF's Programme has three main aims:

- to ensure that industrialised nations make substantial reductions in their domestic emissions of carbon dioxide - the main global warming gas - by 2010
- to promote the use of clean renewable energy in the developing world
- to reduce the vulnerability of nature and economies to the impacts of climate change

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[www.wwf.or.jp](http://www.wwf.or.jp)



WWF's mission is to stop the degradation of the planet's natural environment and to build a future in which humans can live in harmony with nature, by:

- conserving the world's biological diversity
- ensuring that the use of renewable resources is sustainable
- promoting the reduction of pollution and wasteful consumption.



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