


# DEPARTMENT OF ENERGY


## PRESENTATION OF THE DEPARTMENT'S CONTRIBUTION TO THE MILLENNIUM DEVELOPMENT GOALS 1,3,7 and 8

30 August 2011




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# BACKGROUND

- The Millennium Development Goals (MDGs) are the world's quantified targets for dramatically reducing extreme poverty in its many dimensions by 2015 – income poverty, hunger, disease, exclusion, lack of infrastructure and shelter – while promoting gender equality, education, health, and environmental sustainability.
- Energy is central to sustainable development and poverty reduction efforts. It affects all aspects of development -- social, economic, and environmental -- including livelihoods, access to water, agricultural productivity, health, population levels, education, and gender-related issues. None of the MDGs can be met without major improvement in the quality and quantity of energy services in developing countries.



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## DOEs CONTRIBUTION TO MDGS


The following are the Millennium Development Goals focus areas for the Department of Energy :

- MDG 1** – Eradicate extreme poverty and hunger
  - focus on energy poverty eradication
- MDG 3** – Promote gender and equality and empower women
  - reduce indoor pollution through clean energy initiatives
- MDG 7** – Ensure environmental sustainability
  - clean energy- renewable energy initiatives
- MDG 8** – Develop global partnerships for development
  - international cooperation and collaboration at multilateral, bilateral and trilateral relations




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## MDG 1 – Eradicate extreme poverty and hunger

- Eradicate energy poverty
  - Access to energy is critical to economic growth.
  - Job creation.
  - agricultural productivity: food production, processing, storage and transportation.
- DOE contribution
  - Implementation of the INEP – focusing on rural areas.
  - In response to public outcry about exorbitant LPG prices in 2010, DoE developed LPG Price Regulation. This is in line with Government's efforts to expand the energy mix and promote LPG as an efficient energy carrier for household cooking and other thermal purposes.
  - Integrated Energy Centres (IeCs).




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## MDG 1 – Eradicate extreme poverty and hunger ( Cont)

- Development of bio-fuels pricing framework –
  - Improving the update of Bio-fuels in the Petroleum sector.
- Integrated Energy Centres (IeCs).




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## MDG 3 – Promote gender and equality and empower women

- Facilitate entry of women in the energy sector by supporting business ventures for Historically Disadvantaged South Africans, including women.
  - Audit & compliance of the Liquid Fuels Charter, 2002
  - WOESA
  - C3E Initiative
- Increased skills level in energy through support for girls to study in STEM areas through:
  - Learner’s Focus Week, Take a girl child to work, targeted bursaries, internship.



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## MDG 3 – Promote gender and equality and empower women

- Women empowerment vehicles and forums
  - Woman in Energy and Gas in SA (WOESA)
  - Women in Nuclear South Africa (WINSA)
  - South African Young Nuclear Professions Society (SAYNPS)
  - Road shows targeting women –sharing information on business opportunities in the sector




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## MDG 7 – Ensure environmental sustainability

- DoE responded by developing policies and programmes that promote long-term sustainability of energy security and resources.
  - Renewable Energy White Paper, 2003 that set a target of 10 000 mw of energy to be produced from renewable energy by 2013.
  - Handling and disposal of nuclear radioactive waste material to reduce the impact and exposure to highly hazardous chemicals .
  - ISMO BILL and IPP Procurement Process.
  - 2006 Fuel Specifications and Standards which phased out lead from petroleum products and reduced sulphur content in diesel.




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## MDG 7 - Ensure Environmental Sustainability

- Programmes underway and completed
  - Solar Park initiative
  - Small scale hydro at Bethlehem in the Free State & a waste to Electricity Project at eThekweni contribute 13 MW to the total supply capacity in the country.
  - Working for Energy Programme was launched in 2010 to encourage the use of feedstock created from clearing alien biomass vegetation to produce power .



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## MDG 8 – Develop global partnership for development

- Bilateral and multilateral relations that promote contribution to the MDGs in the energy sector:
  - RSA is a member of the Africa-EU Partnership (AEEP) – A Joint Africa-EU Strategy focus, amongst others, on sustainable energy
  - Clean Energy Ministerial (CEM)
  - The Carbon Sequestration Leadership Forum (CSLF) – clean coal technology to reduce CO<sub>2</sub> emissions from coal
  - IBSA – which focus on renewable energy-biofuels
  - International Energy Forum- Energy security



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## MDG 8 – Develop global partnership for development (CONT)

- The UN Industrial Development Organization (UNIDO) - DOE has a bilateral relationship with UNIDO that focus on energy efficiency as well as development of sustainable energy – in support of universal energy access by 2012.
- In 2010 Africa Energy Ministers were the first in the world to approve that UN declares 2012 as the year of universal access to clean and sustainable energy. Through SA's relation with UNIDO, the country receives supports from UNIDO.



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## MDG 8 – Develop global partnership for development

(Cont)

- South Africa will be hosting COP 17 from 28 Nov-9 to Dec 2011
- The Department will be hosting the Pre-COP Africa Energy Ministers Conference on 15-16 September 2011 in Sandton



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# Thank you



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