



Fuel switch, South Africa

This fuel switch project in a brick factory is contributing to sustainable development in South Africa.

Location



The project is located at South Africa's largest brick factory, situated in Gauteng province. Now bricks have a very special meaning here: After the apartheid system ended in the early 90's, millions of poor black people were without proper housing. So the 70 million low carbon bricks produced in this factory per year are literally used to build up the new South Africa.

Project



The project activity reduces GHG emissions by switching the plant's thermal fuel from coal to natural gas. The conversion required the replacement of coal burners on the kilns with gas burners, the installation of an automated/integrated control system, and the connection of the Lawley factory to the local natural gas network.

By supporting local communities and generating jobs, the project is also contributing to sustainable development in the region. In addition, air pollutants have been reduced drastically.

The Durban 2011 CoP17/MoP conference's carbon footprint has been compensated with carbon credits from this very project.

Checklist Project 301 102



✓ Additionality and permanence:	according to the rules of the CDM
✓ 3 rd party validated:	by DNV
✓ Transparency:	provided by the UNFCCC Registry
✓ Annual CO ₂ reduction:	19,000 tCO ₂ e
✓ Social and environmental benefits:	as documented in our database
✓ Marketing material:	pictures available

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