

EARTH HOUR CITY CHALLENGE 2013-2014

Lead South Africa's low carbon future and let your municipality inspire the world



CITY OF TSHWANE

COMMITMENTS

- 15% of energy from renewable sources by 2015

POLICY-PLAN-INSTITUTIONAL

- Non-Motorised Transport Plan (2008)
- 2055 Growth and Development Strategy (2013)
- Green Economy Strategic Framework (2013)
- Green Buildings Byelaw (2013)

FLAGSHIP ACTIONS

- Bus Rapid Transport infrastructure under way; 30% of buses will run on cleaner fuel (2013-)
- 16 Kwh hydropower installation; when completed Tshwane will be the first municipality in South Africa to use hydropower (2011-)



CITY OF JOHANNESBURG

COMMITMENTS

- Improve energy efficiency of council premises/buildings by 10% in 2010 (2008)
- Improve the energy efficiency of new housing development by 10% in 2010 (2008)

POLICY-PLAN-INSTITUTIONAL

- Energy and climate change strategy (2008)
- Energy efficiency guidelines in spatial development (2012)

FLAGSHIP ACTIONS

- Solar Power Traffic Lights roll-out (2010-)
- Mass Rapid Transport Rea Vaya Phases 1A and 1B (2011)
- Landfill Gas-to-Energy Project (2011)
- Cosmo City climate proofing programme (2012)



ETHEKWINI MUNICIPALITY

COMMITMENTS

- 33% reduction in Carbon dioxide equivalent by 2020 (2006)

POLICY-PLAN-INSTITUTIONAL

- Municipal Adaptation Plan for Climate Change (2009)
- Energy Strategy (2010)
- Solar City Framework (2012)
- Currently developing comprehensive Climate Change Response Strategy (2013-)

FLAGSHIP ACTIONS

- Landfill gas to electricity project (2004-)
- Domestic Orange Bag Recycling Programme (2007)
- Wind Resource Map for eThekweni Municipality (2010)
- Community renewable energy projects including energy efficiency, solar PV units at wind turbine and bus depots and Durban market (2011)
- Staff Bicycle Programme (2012-)
- KwaZulu-Natal Sustainable Energy Forum (2012-)



BUFFALO CITY METROPOLITAN MUNICIPALITY

COMMITMENTS

- 12% energy efficiency improvement by 2015 (2008)
- 10% renewable energy by 2018 (2008)

POLICY-PLAN-INSTITUTIONAL

- Sustainable energy and climate mitigation policy and strategy (2008)

FLAGSHIP ACTIONS

- Energy efficient streetlight retrofits (2010)
- Replacement and upgrading of equipment of the electricity distribution system (switchgear) (2011)
- Solar-powered street lights pilot project (2013)
- Energy efficiency measures and solar water heaters in newly electrified low-income households (2013)
- 75 MW solar PV farm within Industrial Development Zone (2014, planned)

CITY OF CAPE TOWN

COMMITMENTS

- 10% renewable energy by 2020
- 10% energy efficiency improvement by 2012

POLICY-PLAN-INSTITUTIONAL

- Energy and Climate Change Strategy (2006)
- Energy and Climate Change Action Plan (2010)
- Climate Adaptation Plan of Action (2012)
- Technical and Political level Energy and Climate Change Committees
- Integrated Development Plan (2012); City Development Strategy (2012)

FLAGSHIP ACTIONS

- Green Electricity purchase from Darling Wind Farm (2006-)
- Energy efficiency forum for commercial sector (2009-)
- Electricity savings campaign (2009-)
- Mass ceiling roll-out in low income households (2010-)
- Integrated Rapid Transport System (2010-)
- Solar water heater roll out programme (2012-14)

NELSON MANDELA BAY MUNICIPALITY

COMMITMENTS

- Procurement of 10% energy from green energy sources
- 15% community renewable energy by 2015

POLICY-PLAN-INSTITUTIONAL

- Green Procurement Implementation Strategy (2011)
- Integrated Environmental Policy (2012)

FLAGSHIP ACTIONS

- Solar water heater rollout in 38 000 low-income households (2012)
- 2 MW methane from waste water for electricity generation (2012)
- Phase one of integrated public transport system (2012)
- Residential Small Scale Embedded Energy Generation reverse metering pilot (2013)
- Waste Minimisation and Exchange programme (2013)

Endorsing partners

