

SWH Targets and Funding – South Africa:

As part of the Solar Revolution Campaign, we will be tracking targets and implementation of SWH projects.

National Targets Summary:

There is a national target of ensuring that by 2013, 10 000 gigawatt-hours of final energy consumption is supplied by renewable energy.

National Target of 1 million by 2014 – the Department of Energy National Solar Water Heating Programme (launched April 2010):

(And another 4 million by 2020).

National	2010	2011	2012	2013	2014	Total	By End of 2014
Target	50522	111356	215984	311099	402530	1091491	1000000
Actual						30974	

Actual Installations:

3 126 solar water heaters were installed under the Eskom rebate, from January 2009 to April 2010, whilst a cumulative total of 30 974 have been achieved since the rebate programme kicked-off in November 2008.

Municipal areas which have active roll out programmes:

- Nelson Mandela Bay (NMDM) - by 20 January 2011 this municipality had installed 13 006 geysers
- Tshwane
- Kuyasa
- City of Cape Town
- City of Johannesburg (Cosmo City)
- Saldanha
- Mossel Bay
- Theewaterskloof
- Ethekwini
- Ekurhuleni

Known city action plans and targets:

Several South African Cities currently have Energy and Climate Change Strategies built into their policy framework. Below are the known targets and strategies or action plans for SWH implementation.

City Target (by 2015 unless otherwise stated):

Joburg	150 000 (have installed 700 units by January 2011)
Cape Town	300 000
eThekweni	50% by 2020 (30 000 Middle to Upper Market Segment by 2012 and 30 000 Lower Income Market Segment by 2011)
Nelson Mandela Bay	60 000
Ekurhuleni	7 000 by 2011, R500 million for three year roll-out (start in 1 st Q of 2011) to low cost households.
Tshwane	60 000

Commercial entities also implementing solar water heating systems:

- BMW had implemented the initiative on geysers that used 6 500 litres per day
- South African Bureau of Standards (SABS) Roslyn change rooms
- Western Cape Environmental Affairs
- the Japanese Embassy (which has installed 410 solar panels)
- Hotel Da Vinci in Sandton