



Australian Government
Solar Cities

Moreland Solar City

Solar Cities Forum, Canberra
18 November 2009



Welcome to Moreland

A strong and diverse
community in Melbourne's
inner north

- 135,000 people
- 55,000 households
- 4% of Melbourne's population



Four major components:



**Moreland
Energy
Services.**

Energy Hub
Environmental Enterprise

**THE COBURG
INITIATIVE**
Central Coburg 2020

Funding: \$10 million over 5 years; 2008 to 2013

Zero Carbon Moreland

Imagine a sustainable community...
Together we can build it!



Targeting 10% of Moreland's population:

- 5000 houses
- 500 businesses
- 50 community groups

All aim to reduce their emissions by 20 percent over 12 months



Zero Carbon Moreland Our first year...

Community engagement
program underway

- Range of face-to-face activities
- Supported by advertising and online tools
- Over 800 participants
& 100 carbon footprints



The Coburg Initiative

A vision for sustainable urban redevelopment

- 3000 apartments
- 65,000 m2 retail & office space
- All carbon neutral!



The Coburg Initiative

Our first year...

- Produced visual 'energy maps' and scenarios
- Leading the ESD team for the development project

Coburg Initiative: Energy use baseline



Energy Hub

An Energy Efficiency Community Enterprise

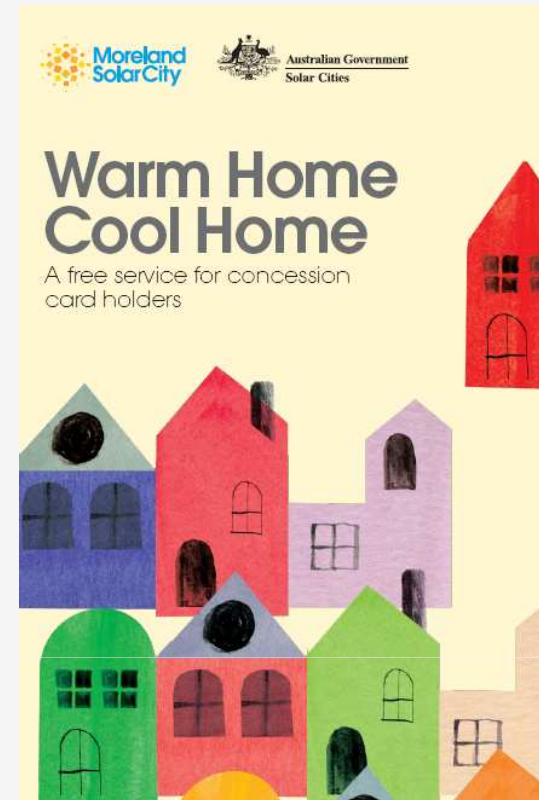
- Free service for concession-card holders
- Aim to retrofit 1000 low-income houses
- Establish a sustainable business
- Provide training and jobs for unemployed



Energy Hub

Our first year...

- Pilot project with 20 houses complete
- Set up infrastructure & procedures, train staff
- Promotions via council aged care program, senior citizens meetings and charity groups
- First 50 houses underway!

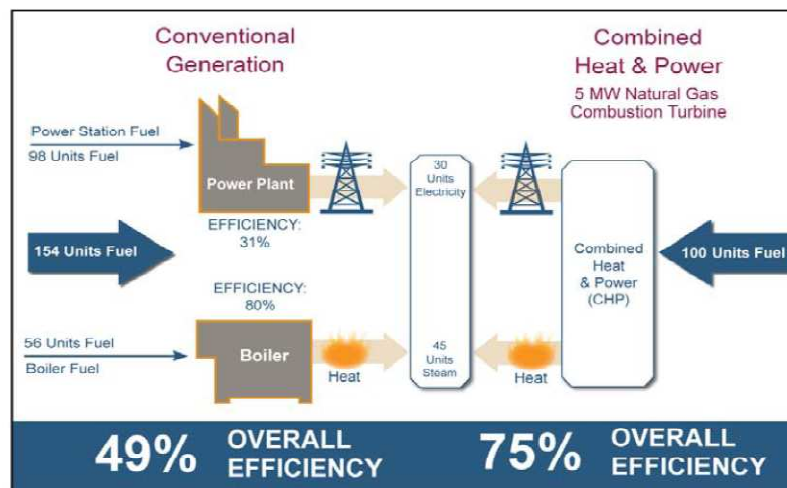


Moreland Energy Services Company

Aim:

To investigate & trial business models for:

- distributed energy generation
- energy efficiency services



Moreland Energy Services Company

Our first year...

- **Study of regulatory context for distributed generation**
- **Assessing possible sites for new cogeneration plant**
- **Moreland City Council Carbon Management Strategy**
 - Target: zero net by 2020
 - Sustainability ratings for all council buildings
 - Green retrofit program embedded in Council's 20 year capital works program
 - 7.2 kW solar array on Moreland Civic Centre



Thankyou

www.morelandsolarcity.org.au

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