

TOWARDS ZERO NET EMISSIONS FOR THE NAGA REGION

Project Update, April 2010

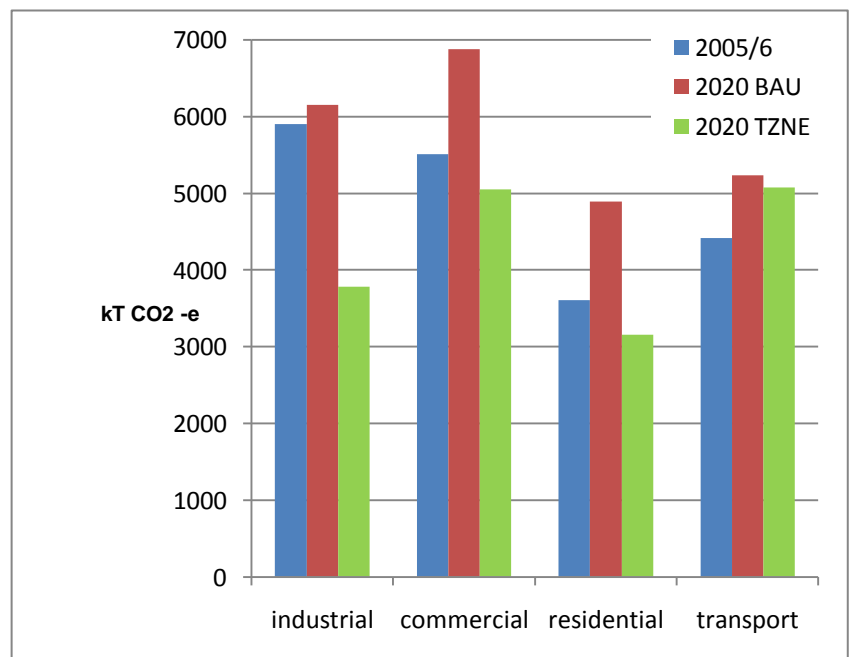
The Strategy revisited

Northern Alliance for Greenhouse Action's regional strategy to address climate change, *Towards Zero Net Emissions for the NAGA Region* (TZNE) was completed in 2009. It represents a major collaboration between the NAGA members, and aims to achieve significant reductions in carbon emissions in the fast-growing region of northern metropolitan Melbourne, in which 25% of the city's population live.

Without action, emissions from the region are anticipated to grow by almost 19% to over 25 Mt CO₂-e by 2020. TZNE proposes new projects which not only stabilise growth of emissions, but lead to reductions of over 6 Mt CO₂-e, or 24% by 2020.

As the industrial, commercial and residential sectors, along with private transport dominate the region's emissions profile, TZNE focuses on these areas.

Emissions reductions are achieved through a combination of energy efficiency, promoting more efficient technologies and renewable energy supplies, establishing new energy services and improving planning for more liveable and resilient communities in a low-carbon, climate-changed world. The delivery of the strategy requires working with multiple partnerships and stakeholders.



Current and projected emissions, with and without TZNE actions across the major sectors in the region

What's been happening?

Since the publication of TZNE in July 2009:

- 100% members' endorsement at the highest leadership level
- 27 projects identified for implementation in 2009-10 and 2010-11
- Project plans developed and communicated across the membership
- 80% of projects are planned and underway in 2009-10, with remainder to commence in 2010-11
- *Members' Implementation Handbook* developed, outlining objectives, outcome measures, roles, risks and governance for the next 3 years
- Project monitoring and evaluation are firmly established

MEMBER ORGANISATIONS

BANYULE CITY COUNCIL, DAREBIN CITY COUNCIL, HUME CITY COUNCIL, MANNINGHAM CITY COUNCIL, CITY OF MELBOURNE, MORELAND CITY COUNCIL, MORELAND ENERGY FOUNDATION LIMITED, NILLUMBIK SHIRE COUNCIL, CITY OF WHITTLESEA, CITY OF YARRA

Project snapshots – TZNE in action

Industrial and Commercial Energy Efficiency

The Cities of Hume and Darebin, and Moreland Energy Foundation (MEFL) are working on a range of projects to engage businesses from large to small emitters in energy efficiency projects. Hume Council's work is concentrating on large businesses through its Business Efficiency Network (BEN), and an investigation of the potential efficiency potential and resource sharing in its 7 business parks. Darebin Council has concentrated on commercial lighting upgrades with both big and small users of lighting in the tertiary education sector and with local traders using a mix of information, incentives and quality installation. MEFL has recruited large and small businesses and community organisations to measure their footprint and undertake immediate action.



Residential Planning



Streamlined and consistent planning for new developments and achieving improved environmental outcomes is the objective of the Council Alliance for a Sustainable Built Environment (CASBE). To facilitate this aim the Sustainable Tools for Environmental Performance Strategy (STEPS), originally developed by the Moreland, Darebin and Port Phillip Councils, is planned to be extended across NAGA, and will also be expanded for use in multi-residential developments.

Household bulk buy and retrofitting programs will continue for low income households and homeowners in Manningham, Darebin and Moreland.

Decarbonising Energy Supply

Taking an action research approach, the City of Melbourne will work with key developers and agencies to address the barriers currently encountered in the installation of less carbon-intensive electricity supply, particularly cogeneration and trigeneration, in new urban developments.

Community Transport Plans

To encourage NAGA Councils to develop travel behaviour change programs, Darebin City Council will lead information sharing from member councils experienced in travel behaviour change, and the development of a template for use by councils in preparing travel behaviour change programs at a community level. Ongoing assistance will be provided in the implementation.



Working across business units

The involvement of environmental sustainability, economic development, planning and transport units across councils to deliver TZNE projects demonstrates a level of intra-regional cooperation on an unprecedented scale in the northern region. It provides an influential model for other sustainability initiatives.

Working with other organisations

NAGA and its members are working with a range of organisations in the public and private sectors to establish projects. For example, the lack of reliable energy consumption data to provide a baseline and ongoing measurement of energy consumption is being addressed by discussions with distribution businesses and state government agencies, to establish ongoing data sharing agreements.

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