

Energy Actions

Energy Actions helps households reduce home greenhouse gas emissions and energy costs with support through three communication channels –phone call, home visit and mail out. Participation in this personalised project is high, at over 80%. This program helps each participating household reduce greenhouse emissions by about 1.5 tonnes per year.

Climate change adaptation

Climate Change poses significant risks to the Local Governments in many aspects including planning and development, management of natural resources, health and environmental management. This program helps Councils conduct risk analysis, identify risk treatment opportunities and develop adaptation action plan.

Greenhouse and energy reporting

Many Local Governments, particularly those with landfill facilities, are liable to report their greenhouse gas emissions to the Commonwealth Government under the National Greenhouse and Energy Reporting Scheme. The reporting is done through an online data management tool known as OSCAR. The Climate Wise project team has extensive experience working with this tool and helps participating Councils establish a reporting framework. This includes OSCAR account establishment, data collection, data input and annual reporting. Councils, who are not liable to report under this scheme, also participate in this program to identify their carbon footprint and manage their emissions.



Climate Wise

SMRC response to Climate Change

The SMRC

Southern Metropolitan Regional Council (SMRC) is a statutory local government authority established by 7 local Councils in the southern part of metropolitan Perth. It is responsible for developing environmentally sustainable waste management solutions and climate change abatement measures for the communities of SMRC region. The strategic focus areas and environmental goals of the SMRC are:

- Resource Recovery
- Greenhouse Gas Abatement
- Community
- Organisational Excellence

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In Collaboration with the Cities of Canning, Cockburn, Fremantle and Rockingham, and Towns of East Fremantle and Kwinana

A regional response to climate change

Climate Wise is a collaborative initiative of the Cities of Canning, Cockburn, Fremantle and Rockingham, the Towns of East Fremantle and Kwinana at the Southern Metropolitan Regional Council to help the community respond to climate change. The project focuses on households, small to medium size businesses and light industries, and provides advice to reduce their energy use, water use, and improve recycling through sustainable and innovative practices and technology.

Our project approach is to seek effective partnerships with universities, associations and government, research community needs and opinions, develop and pilot programs that can deliver a practical and valued service and measure the project's effectiveness.

Our expertise

The Climate Wise team comprises of a group of professionals trained in renewable energy, energy efficiency, and experienced in:

- Energy, water and waste reduction through behavioural change
- Energy review service in schools and community buildings
- Feasibility study of Renewable Energy Technologies
- Delivery, guest presenting and development support of Living Smart courses
- Climate Change Risk Management
- Greenhouse and Energy Reporting
- Carbon Footprint Verification

Climate Wise Programs

Climate Actions

Climate Actions is based on the Enterprise Facilitation™ model where small businesses are offered a free and confidential service to help them reduce their energy use and increase waste recycling. The Enterprise Facilitator undertakes this challenging job through face to face conversation and multiple visits to the businesses.

Climate Actions helped more than 150 businesses who have taken a range of greenhouse gas reduction actions from changing light globes to installing plastic strips on chillers. In addition to reducing greenhouse gas emissions, this program also helps businesses save money on energy bills. The average business under this program reduces about 6 tonnes of greenhouse gas emission per year.



Living Smart

Living Smart, developed in 2002 in a partnership with Murdoch University, the Meeting Place, City of Fremantle, and the SMRC, is an environmental education course that empowers participants with the knowledge and skills to take action to improve the sustainability of their homes and community. Each course is delivered over six or more weeks, one session per week. The course involves presentations, group discussion and field trips.



The course is becoming increasingly popular in the community, with high enrolment rates and courses being delivered across metropolitan region. Living Smart was awarded the National Eureka Prize for Sustainability Education in 2004. It is estimated that each Living Smart participant helps reduce about 2 tonnes of greenhouse gas emissions per year through making rewarding lifestyle changes.

Renewable Energy

Renewable Energy program aims to assist the SMRC's member Councils to implement renewable energy technologies. In addition to the feasibility study of roof top solar photovoltaic systems, the program also assists the participating Councils with information, consultations and research. A few Councils are planning for installation of systems on community buildings. The program also focuses on research on rooftop wind energy systems to investigate their feasibility in the urban environment.

