

Introduction to Four Walls and A Roof

Four Walls and a Roof is the outcome of a four year research and development project between an environmental educator and an environmental engineer. In 2003, Michael Duggan, in partnership, established an Environmental Education and Seminar facilitation business. The business provided environmental and sustainability-based education programs, consulting, field trips and seminars.

In late 2005, the business was re-branded as Four Walls And A Roof: Sustainability Education, Sales and Services. Four Walls and a Roof (FWR) specialises in Education for Sustainability initiatives and programs; Business Sustainability Consulting and Corporate Social Responsibility; and, the brokerage, sales and marketing of energy, water, and resource efficient, technologies.

Through identifying strategic opportunities and fostering partnerships with local/national business, industry peak bodies, government and educational institutions, FWR has evolved into an industry first in sales, service, and education solutions and brokerage services.



Four Walls and A Roof was officially released by Mike Duggan in January 2006 following extensive research into the provision of sustainable technologies sales and service needs; Education for Sustainability (EfS); and, sustainable industry development. Sustainable technologies are now being sold, consulting services provided, and EfS programs implemented, under the banner of Four Walls and A Roof, throughout Australia.

Business Overview

Four Walls and A Roof provide our clients with sales, development, consulting, and Education for Sustainability (EfS) services for all facets of the emerging sustainable technologies and education industries. We can, for example, source, consult on, and manage all aspects of your purchase and of an affordable, sustainable home and/or provide programs of EfS to local business aiming to develop a stronger Triple Bottom Line.

Our ongoing relationship to the sustainable housing industry, education, community, and national sustainability networks, allows us to provide comprehensive solutions for EfS projects and initiatives and



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sustainable technologies and development needs. Four Walls and A Roof provides sustainable solutions for those who require or have an interest in sustainability and environmental education, sustainable living, ethical investing, and socially conscious development solutions.

We bring a unique approach to sales, consulting services and education through the provision of solutions-oriented systems designed to compliment the growing sustainability industry. We provide a 'guiding hand through the green maze' making it easy and affordable to adopt healthy and environmentally responsible options.

Education for Sustainability (EFS)

Four Walls and A Roof is a leading provider of Education for Sustainability (EFS) curriculum, consulting services, and products for business, government, education and not-for profit institutions/organisations Australia-wide.

Sustainable Technologies Sales and Services

At Four Walls and A Roof we are committed to promoting, increasing and implementing the building of affordable, more sustainable homes; application of sustainable building practices; and, the inclusion of environmentally sustainable technologies in residential, business, and educational markets across Australia.

Business Vision

At Four Walls and A Roof our vision is to be the company leading the way:

- In the promotion and implementation of initiatives and programs of Education for Sustainability;
- The building of more affordable, sustainable and eco-friendly homes;
- The application of sustainable building practices; and,
- The inclusion of environmentally sustainable technologies across Australia.



Business Mission

Our mission is to become Australia's leading facilitator of Education for Sustainability programs and provider of sustainability sales and services in the emerging sustainability industry. Four Walls and A Roof acts as 'a guiding hand through the green maze' for those exploring and implementing the values and principles of sustainability.



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Four Walls and A Roof's Business Values include:

- A balance of Social, Economic and Environmental Sustainability;
- Social development through societal change;
- Lifelong Learning;
- Family and Community;
- Environmental stewardship; and,
- Innovation

Four Walls and A Roof: Sustainability Education, Sales and Service

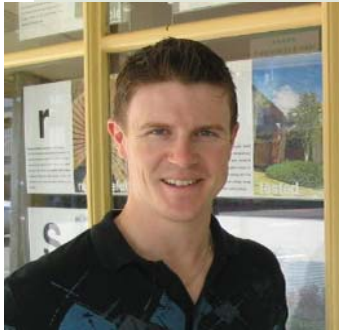
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Our Team



Michael Duggan
Four Walls and A Roof,
Principal and General Manager

In pursuit of Four Walls and A Roof's goals to advance sustainability, Michael has resolved to treat customers and the community in general with exceptional service and sales experiences. Our Clients see our business as providing a sales, marketing, purchasing and educational services for sustainable initiative and technologies, built on integrity and social responsibility. Four Walls and a Roof is a comprehensive service provider for the socially responsible community member.

Michael has presented at and facilitated numerous local and national seminars/workshopes in the areas of Science, Education for Sustainability, sustainable housing and development. Including, the World Education Fellowship Forum 2004, CONASTA52 2004, Ecoshow 2006, and the Greenbuild and Renewable Energy Expo 2007.

Michael works as consultant with such companies, projects and initiatives as: The Good Guys Retail Stores; Ecospecifier; SALA Homes Sustainable Homes; eHabitat Sustainable Homes; the Australian Research Institute in Education for Sustainability (ARIES); and, numerous sustainable building, sales and education programs.



Michael's current projects include, for example:

- Developing the Education for Sustainability (EFS) Curriculum for Brisbane's first purpose-built Centre for Community Sustainability and model for affordable, sustainable design and technology (B4C Southside Sustainability Centre);
- Coordinating and facilitating the development of the 'Ecofacts: Sustainable Small Business in Logan City program';
- Developing and implementing a Territory Green Building and Lifecycle analysis curriculum;
- Co-developing and implementing the Sunshine Coast 'Science Centre for Innovation and Practice' Sustainability Curriculum Units (as Consultant to the University of the Sunshine Coast);
- Consultant to The Good Guys Queensland store Sustainability Project and Retailer Manual; and,
- Market entry, sales and marketing of niche, energy, water and resource efficient products, including:
 - RainwaterHOG Water Collection System;
 - EcoMan Energy Maintenance System; and,
 - eHabitat Sustainable Homes.

Further to his growing work in the sustainability field, Michael has been involved in the Environmental and General Education field since 1993 and has had the advantage of experience across a diverse range of positions within both Canada and Australia. Michael completed a Bachelors of Recreation and Leisure Studies (Honours in Education) in 1999. Michael worked as an Outdoors and Environmental Educator and leader in Canada.

Michael completed a Masters of Teaching (Griffith University) in 2001 and has had classroom teaching experience in year 1-7, most recently employed as a year 7, primary school teacher at Boronia Heights S.S (Brisbane, QLD). Michael is or has been an active member of the Queensland and Australian Science Teachers Association and has worked in partnership with the University of Queensland's (UQ), Bright Minds project, resource development team and Primary Leaders in Science program to develop environmental and sustainability programs. Michael has been a member of the writing team for both Environmental Science and ICT publications developed by UQ and Education Queensland and was identified as an Outstanding Queensland Science Teacher in 2005.

Michael, as part of his work with the Regional Sustainability Research Group, is engaged in the early phases of his candidacy for a Doctor of Philosophy (PhD) in the research area of Education for Sustainability and Reform (The University of the Sunshine Coast).

Michael brings:

- A passion for Literacy/Ecoliteracy and its impact upon society's personal and community development;
- The enjoyment received from working with and for people from differing professional levels and backgrounds;
- An ambition to build an organisation working with people in professional networks, that incorporate the enjoyment received from working in schools and with educational professionals; and,
- The desire to apply his own initiative to the provision of quality sustainability strategies, resources, and initiatives through the use of education as a fundamental tool to mainstream and advance awareness in the area of sustainability.

As an Educator, Michael has had the opportunity to work with students in the P – 12 and Tertiary age groups and Primary, Secondary and Tertiary-level teaching/education professionals. His experience working with these groups include:



- The coordination and presentation of a 6 part seminar series entitled 'Environmentally Sustainable Learning Centres' aimed at primary/secondary teachers, industry professionals and small to medium size enterprises;
- Conference and Seminar presentations at district, state and national level;
- Coordination of learning resources and seminars in Environmental Science and ICT's;
- Development of learning resources for primary and secondary teachers sponsored by Tertiary institutions;
- The coordination of teaching programs and initiatives between district schools and local businesses/city councils; and,
- Guest Lectured and managed teaching curriculum at the Tertiary Education level.

As a business leader, Michael:

- Manages a multi-faceted Team of part-time and full-time consultants;
- Develops business, strategic, marketing, and financial plans;
- Coordinates the development through to implementation of successful projects;
- Coordinates and manages various project teams and staff interaction/development;
- Facilitates the strategic development of business visions, missions and goals; and,
- Develops innovative projects and initiatives in the areas of education, the environment, and sustainability.

Michael is a young and motivated individual, and through his work with Four Walls and a Roof, and his continuing role in education and development, he is committed to sustainability, and facilitating its uptake in the mainstream through the development of progressive, lifelong-learning and continued education in all areas of endeavour.



Jenelle de Souza,
Four Walls and A Roof,
Education and Communication

Jenelle brings to the Four Walls and A Roof Team a driving passion for environmental education and sustainability. She has an extensive background in environmental education and teaching, having been the driving force behind the establishment of 'Third Rock Rangers (TRR)', an arts-based approach to environmental education, to raise awareness in key sustainability areas of water and energy usage, recycling and air quality and provide information to develop skills and values that support a sustainable treatment of the environment. These values are supported in the TRR program activities by providing the stimulus and knowledge for participants to 'be a Third Rock Ranger', a protector of the Earth (third rock from the sun).



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Jenelle has a background in Social Marketing, the Arts, and Graphic Design. She is a key agent of change for the Four Walls Team and both develops and implements our Education and Communication Strategies across a multitude of mediums.

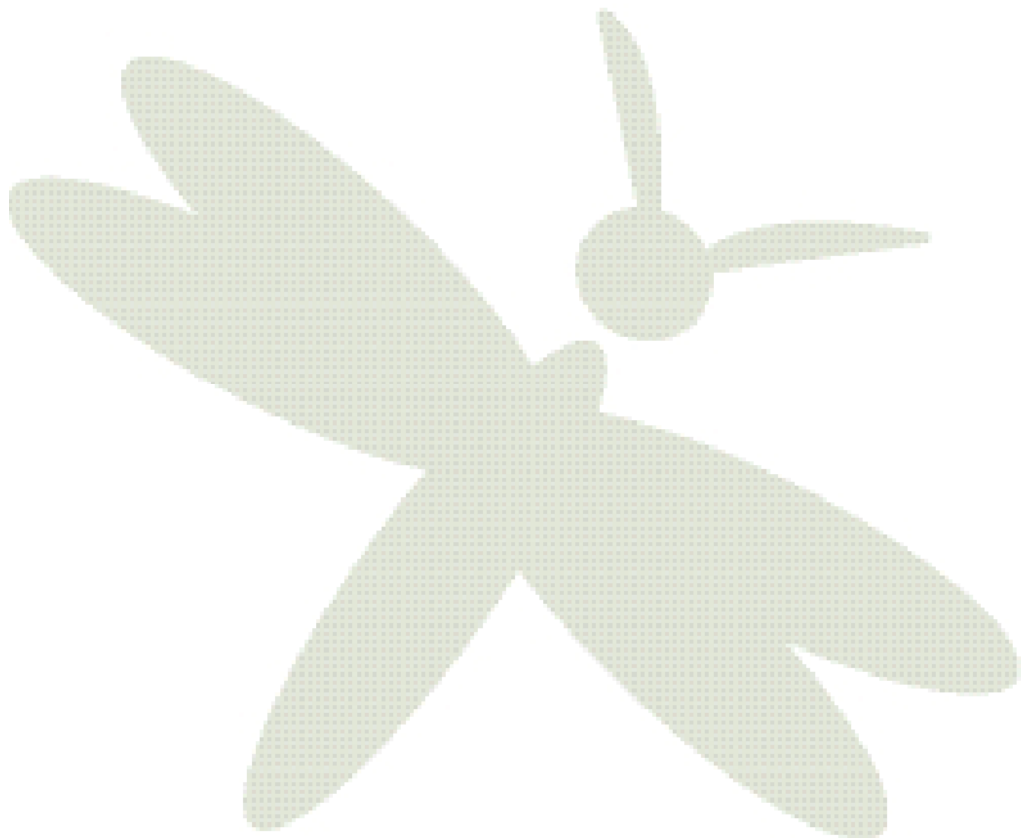
Jenelle employs strong organisational and entrepreneurial skills in the day to day development of Four Walls programs and services. She has a strong background in graphic design and curriculum development.

Jenelle is a key member of the Four Walls and A Roof Education for Sustainability Division.

Contact Jenelle on:

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