

National Centre for Sustainability

Transforming the way we live and work



National Centre for Sustainability

The National Centre for Sustainability (NCS) is a collaboration of several educational institutions. We provide educational leadership and work in partnership with industry, government and the community to undertake program delivery, resource development, project work and applied research, to support the development of sustainable practices.

Swinburne University of Technology

Ranked in the top five Australian Universities for learning and teaching quality, Swinburne is committed to building a sustainable future. Swinburne has demonstrated an organisation wide commitment to sustainability as the first Australian University to sign a Sustainability Covenant with the Environment Protection Authority (Victoria). Our capabilities include:

Industry and Community Engagement

- Development of sustainability strategies and tools for business
- Development and delivery of behaviour change programs for business and the community

Learning and Teaching

- Development and delivery of dedicated sustainability courses
- Integrating sustainability concepts into teaching programs
- Implementing sustainability in the Vocational Education and Training sector
- Five Star Energy Rating Training

Research

- Action research on sustainability behaviour change
- Eco Footprinting
- Research, evaluation and assessment of sustainability programs

For more information please see our website: www.swinburne.edu.au/ncs

Sunraysia Institute of TAFE

Sunraysia Institute of TAFE in Mildura works with local stakeholders, community and government agencies to achieve sustainability gains in land and water management across the Sunraysia region. To achieve this, the Centre:

- identifies potential sustainability gains
- initiates sustainability projects
- engages community partners
- enhances the capacity of partners
- implements physical change
- provides project management

Using a project model, the NCS works with community partners to make our landscapes and natural resources more sustainable e.g. www.tona.com.au/index.htm

We act as a project broker, harnessing resources, coordinating teams and project managing initiatives that improve the physical sustainability of our natural resources, while developing the capacity of communities to implement positive change. Specialist NCS staff are currently working with over 40 dryland farmers to develop environmental action plans for their properties. We also have a variety of successful programs employing Koori work teams to conserve local natural and cultural resources.



University of Ballarat

The University of Ballarat (UB) is the only dual sector regional University in Australia and is committed to developing a sustainable future for Western Victoria. Through the NCS, UB provides educational leadership and works in partnership with industry, government and community to support the development of sustainable practices regionally, state-wide and nationally. Our capabilities in these areas are:

Industry and Community

- Sustainability advisory and consultative expertise for Government and community programs
- Development and implementation of industry specific sustainability training
- Community sustainability information, including workshops
- Five Star Energy Rating Training

Research

- Action research on sustainability behavioural change
- Research to support the development of sustainability/environmental strategic goals within an organisation

Learning and Teaching

- Diploma of Sustainability
- Introduction to teaching sustainability
- Staff professional development training in sustainability
- Development of active research projects to integrate sustainability values across all disciplines

South West Institute of TAFE

South West Victoria is an energy and resource intense region with a strong economy, an enviable lifestyle, and specific sustainability challenges. As a member of the NCS and the South West Sustainability Partnership (SWSP), South West TAFE (SWT) recognises the crucial role that educating for sustainability plays for the future security and prosperity of all Australians.

SWT is working to implement more Sustainability Education Opportunities and operate as a Sustainable Business. SWT is pleased to:

- Offer a Dual Diploma in Sustainability/LCM
 - Partner with VESTA in the training of wind turbine blade fabricators
 - Develop a Workplace Sustainability Scorecard for all SWT students
 - Host an Alternative Fuels Project (CNG for Light Trucks)
 - Offer short courses in Sustainable Living and Sustainable Gardening
 - Offer energy and sustainability consultancy and training services
- and:
- Be a case study member for Murdoch University Sustainability Department
 - Recently build a new ESD campus facility at Warrnambool
 - Use LPG and hybrid vehicles in its fleet
 - Subscribe to GreenFleet to offset GHG emissions
 - Operate solar hot water and plan to install solar power to complement its 10% GreenPower commitment

Challenger TAFE WA

Challenger TAFE's programs work with the WA State Sustainability and WA Water Strategies. Its dedication to sustainability was recognised when it won WA Large Training Provider awards for 2004 and 2005 and Australian Large Training Provider for 2005.

The college has centres specialising in training, research and development in:

- Primary industries
- Environmental and applied sciences
- Natural asset management and conservation
- Water Industry and irrigation
- Community and leadership development
- Aboriginal studies
- Chemical process manufacturing and energy

Industry and Community

- Core business sustainability training
- Collaboration with industry, regional and community organisations
- Consultancy services for community and industry groups

Research

- Recycled water, irrigation
- Aquaculture
- Alternative energy sources

Learning and Teaching

- Workplace embedded
- Emphasis on managing skills ecosystems
- Sustainability is woven through all areas of its core business
- Regional and remote capacity



Consultancy

The NCS provides strategic advice to business and communities on issues relating to sustainability including:

- environmental strategies
- corporate environmental reporting
- developing and implementing Environmental Management Systems
- whole-farm planning
- biodiversity surveys
- program evaluation
- environmental auditing
- behaviour change programs for sustainability
- Green Office Programs.



Sunraysia
Institute
of TAFE



The NCS is well recognised for design of resource material and delivery of quality education and training programs. Our programs can be customised to meet the needs of individuals or groups for specific workplace, community or industry sectors. We also provide advice on environmental management and operational activities.

Contact details

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Short Courses

The National Centre for Sustainability offers short course programs in a number of key areas:

- Irrigation Management
- Sustainable Building Practices
- Energy Rating (FirstRate Training) for Houses
- Greening the Home and Office
- Renewable Energy Technologies
- Triple Bottom Line Reporting
- Establishing a Sustainable Business
- Environmental Mapping
- Sustainable Land Use Practices
- Natural Asset Conservation

University of Ballarat

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Knowledge & Skills
Building a Future

