



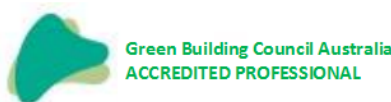
With the increase in environmental awareness there is a rising demand for buildings and businesses to demonstrate their environmental credentials. A number of tools have been developed to assist businesses to measure and decrease their impact on the environment while publicly demonstrating their environmental credentials.

The leading rating tools are:

- Green Star rating systems — an internationally recognised sustainability rating system Launched by the Green Building Council of Australia in 2003. Green Star is Australia's only national, voluntary, rating system for buildings and communities;
- Green Building Council of Australia — national, not-for-profit organisation that is committed to developing a sustainable property industry for Australia by encouraging the adoption of green building practices. It is uniquely supported by both industry and governments across the country;
- NABERS is a national rating system that measures the environmental performance of Australian buildings, tenancies and homes. NABERS measures the energy efficiency, water usage, waste management and indoor environment quality of a building or tenancy and its impact on the environment;
- Green Globe worldwide benchmarking and certification program — developed by the United Nations; and
- Queensland ecoBiz partnership program and rebate scheme for businesses.

Green Star Sustainable Buildings

The Green Star rating system is an initiative of the Green Building Council, creating a national rating scheme for assessing sustainable buildings. It is designed to promote whole-building consideration and design, to raise awareness of green building design, and to recognise environmental leadership. Assessment of the Green Star rating of a building requires the building to be assessed by a Green Star accredited professional.



The Green Star rating system is the assessment of the sustainability of a building in terms of management practices, indoor environment quality, energy, transport, water, materials, land use and ecology, emissions and

innovations in the building design. A building is assessed according to the accreditation criteria, and awarded weighted credits for each of the aforementioned categories. The maximum number of credits currently available is 129, plus another 5 credits for innovation. Depending on the number of credit points earned, an equivalent Green Star rating can be calculated. High Green Star ratings are a mark of environmental leadership, indicating either 'Best Practice', 'Australian Excellence', or 'World Excellence'. High scoring buildings are eligible to apply for by an accredited professional to formally assess the site, so that the applicable Star Rating Certified Rating can be awarded to the site by the Green Building Council of Australia.

Green star is best suited for:

- Design rating of Office buildings;
- Office As Built Ratings;
- Office Interiors (fit-out rating);
- Green Star Retail Centres; and
- Green Star Education Institutes.

NABERS Rating

The National Australian Built Environment Rating System (NABERS) rating tool was developed by the NSW Department of Environment and Climate Change. NABERS is tailored for use by building owners, managers and building occupants. Building owners and occupant will be able to report on the aspects of the environmental performance of the building that are in their control.

The owner would report on energy use (lifts, air conditioning, etc.), water consumption (potable demand, amenities, etc.) and waste production. Whereas occupants would report on the aspects of the building that they control (light and power in their tenancy, transport to and from the building, etc.) In conjunction a NABERS rating can be obtained for water, waste, energy and indoor environment.

NABERS is best suited for existing building with operational data, as it is a practical rating tool based on performance data from a given building. The NABERS rating tool is designed for:

- Office buildings;
- Hotels; and
- Retail buildings.



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| Asset & Maintenance Management | Design Construction Management & Commissioning | Efficiency Audits & Cleaner Production | Environmental Compliance & Licensing | Master Planning | Plant Assessment & Optimisation | Sustainable Resource Management | Risk Assessments (HACCP & HAZOP) |
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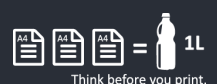
For more information please contact:
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office@ssi-bne.com

sustainablesolutionsinternational.com

Water.Energy.Waste.



Environmental Auditing & Rating

Green Globe Rating

Green Globe is the global Benchmarking, Certification and improvement system for sustainable travel and tourism. It is based on Agenda 21 (a comprehensive plan of action to be taken globally, nationally and locally by organizations of the United Nations System, Governments and Major Groups in every area in which humans impacts on the environment) and principles of Sustainable Development endorsed by 182 Heads of State at the United Nations Rio de Janeiro Earth Summit. It provides companies and communities with a path to sustainable travel and tourism.

Green Globe targets the following environmental and social issues:

- Fresh Water Management and Conservation;
- Waste minimisation and wastewater management;
- Staff Awareness and Involvement (through training);
- Energy management and efficiency measures;
- Reduce Greenhouse Gas Emissions;
- Ecosystem Conservation and Land Management;
- Social and Cultural Development (Community Involvement); and
- Air Quality Protection and Noise Control.



We deliver sustainable development strategies which do more than meet regulatory requirements, they add value to your business and provides advantages and a competitive edge through better managing your supply chain. Ultimately, the business outcomes of improved eco-efficiency include stronger market position, competitive advantage and growth.

Key Projects

Brisbane Square, QLD

Brisbane Square, a 40 story office building located in the heart of Brisbane's CBD, is the head office for Brisbane City Council and Suncorp. Brisbane Square is Brisbane's showcase sustainable office development.

The works conducted by SSI on this project included:

- Devised a sustainable water management scheme in line with the requirements of the Green Star Office Design Tool for the building that incorporated rainwater reuse and on-site wastewater treatment and recycling for toilet flushing, irrigation and water feature top-up; and
- Provided the client with a feasibility investigation and the schematic design of a Membrane Bioreactor recycling plant to treat the building's wastewater and provide recycled water for reuse.

As a result Brisbane Square was awarded 5 Star Green Star Certified Rating – Office Design, which is recognised as demonstrating "Australian Excellence".



Orion Springfield Shopping Centre, QLD

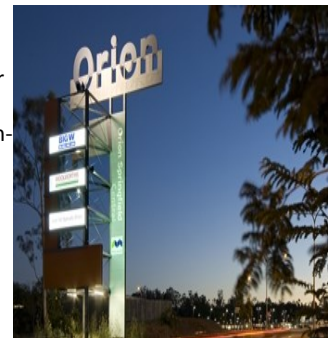
The James Fielding Group approached SSI to help them turn the commercial town centre of Greater Springfield into an international showcase of Environmental Sustainable Design. Orion is the community focal point for Springfield; offering sport & recreational facilities, health services, restaurants, cafes, supermarkets and a wide range of retail stores.

SSI worked with the multi-disciplinary design team of the Orion project to develop cost effective solutions that reduce the operating cost and ecological footprint of the centre.

The works conducted by SSI on this project included:

- Devised a solid waste minimization plan which included a "no plastic bag policy", comprehensive source separation and on-site composting of organic wastes; and
- Devised an integrated water management strategy which reduces mains water use by the development by over 60% (98,000kL per year) saving over \$160,000 p.a. in operating costs compared to a similar sized centre.

As a result the Orion Shopping Centre was awarded the first 6 Star Green Star Certified Rating and crowned shopping centre of the year at the Property Council's 2007 Shopping Centre of the year awards.



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