

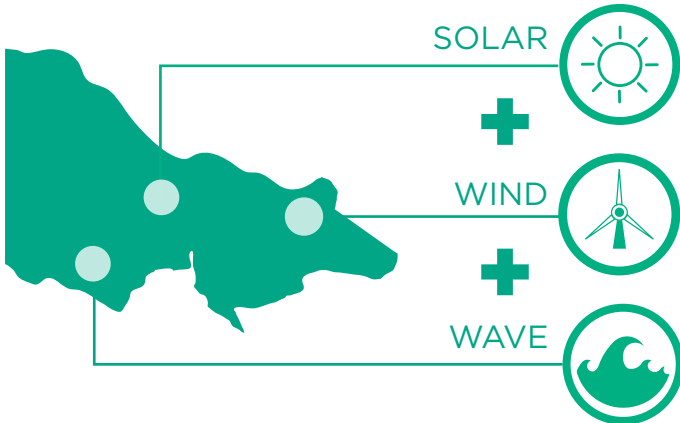
GREAT MINDS LIVE HERE

MELBOURNE AUSTRALIA



The state of Victoria is an emerging leader in clean energy research and development. Melbourne and regional Victoria boast a strong mix of renewable energy technologies, including solar, wind and wave power, and world-class research and development (R&D). This expertise, together with the state's ready access to markets, its effective operating environment, and advanced manufacturing facilities, make Victoria an exciting centre of opportunity for all aspects of the growing sustainable energy industry.

Melbourne has a vision to become one of the world's most sustainable cities with an aim of being carbon neutral by 2020. The city recognises its urban ecology must be designed and managed as a dynamic whole to balance the interdependencies between its flora and fauna, microclimate, water cycles and its human, social and economic infrastructure.



Melbourne is becoming a hub for Australian carbon services throughout the Asia-Pacific region and is home to the national office of the Carbon Market Institute, the peak body for Australian carbon market participants, and the Australian representative offices of the International Emissions Trading Association and the Climate Markets and Investors Association



Melbourne is also home to the Clean Energy Council, the peak body for the clean energy industry in Australia. The Council represents and works with hundreds of leading businesses operating in solar, wind, energy efficiency, hydro, bioenergy, energy storage, geothermal and marine along with more than 4000 solar installers.

GOVERNMENT INVESTMENT

In June 2016, the Victorian Government committed to Victorian renewable energy generation targets of 25 per cent by 2020 and 40 per cent by 2025. The Government is investing \$146 million in its Renewable Energy Action Plan, setting a long-term renewable energy policy agenda and pathway. It connects a suite of initiatives that are driving investment and action in renewable energy projects.

City of Melbourne has initiated a number of strategies such as the 1200 Buildings Program, Urban Forest Strategy, Urban Water and the Emissions Reduction Plan. See Melbourne's sustainability journey here.

SOLAR ENERGY

Victoria has an abundant solar resource and the Victorian Government is taking a range of steps to ensure the state can make the best use of this renewable energy source.

The Victorian Organic Solar Cell (VICOSC) Consortium has developed new materials and processes to produce thin, flexible and semi-transparent solar cells based on printable 'solar inks'. These technologies differ in a number of ways from conventional silicon-based solar cells, being lightweight and flexible, solar panels can be integrated into windows, window furnishings, tents and even consumer packaging.

VICOSC is a research collaboration between CSIRO, Monash University, the University of Melbourne, BlueScope Steel, Innovia Films, Innovia Security and Robert Bosch SEA.

WIND ENERGY

Wind energy has the potential to provide a significant proportion of Victoria's growth in renewable energy generation over the next coming years.

Planning permits currently exist for almost 400 wind turbines in Victoria which are yet to be constructed. These permits are in addition to more than 450 wind turbines already in operation and a further 586 turbines under construction. Each megawatt hour of wind energy generated in Victoria currently avoids the generation, on average, of one tonne of greenhouse gas emissions.



6,000 tonnes

A typical two megawatt wind turbine in Victoria will reduce greenhouse gas emissions by per year.



SUSTAINABLE WATER SUPPLY

The Victorian Desalination Project was constructed to boost water security and end restrictions. The plant uses reverse osmosis, the most energy-efficient method of desalinating water, and includes energy recovery devices to reduce power consumption. All operational energy is offset by renewable energy certificates.


SKILLED WORKFORCE

Melbourne's universities offer programs that provide foundations in specific fields of clean energy expertise as well as broader courses that strategically include clean energy, carbon accounting and energy technology knowledge.

A number of Victorian vocational training institutes offer qualifications with a practical emphasis on the skills for clean energy technology design, installation and management. Institutes offer high quality training and project management consultancies that deliver workforce training and development programs for industry partners.

6 STAR GREEN STAR CONVENTION CENTRE

The Melbourne Convention and Exhibition Centre (MCEC) was the first centre in the world to be awarded a 6-Star Green Star environment rating by the Green Building Council of Australia for the Convention Centre's innovative environmental design and operational features. MCEC also achieved Gold EarthCheck Certification in 2016, following five years of continuous Silver accreditation. EarthCheck benchmarks sustainability initiatives against other convention centres in Australia and by awarding gold, has placed MCEC as a leader in a unique worldwide group of sustainable tourism operators.



Ranked #1 in Asia Pacific

Sustainable city in the region for business events

GLOBAL DESTINATION SUSTAINABILITY INDEX



Ranked number 13 in the world overall, Melbourne and Melbourne Convention Bureau's (MCB) sustainability performance was evaluated based on the city environmental strategy and infrastructure, city social sustainability performance, industry supplier support and MCB strategy and initiatives.

Melbourne's highest ranking was in the category of city social sustainability scoring 75 per cent, and convention bureau performance achieving a 74 per cent ranking.

The GDS-Index is a platform that aims to promote the sustainable growth of international meeting destinations, highlighting best practices and responsible business tourism. It looks to bring cities together to benchmark and improve the social and environmental performance of the cities and its business events industry.

MCB's sustainability focus is on driving initiatives across the business events industry, including integration of sustainability proposals across MCB's marketing assets and a dedicated GDS-Index steering committee to bring together stakeholders across the industry to develop and implement collaborative sustainability initiatives for the business events sector.

Top marks were received for Melbourne's hotel inventory and convention facilities being easily accessible via public transport, the Melbourne Convention and Exhibition Centre having third-party sustainability certification, the City of Melbourne's program that supports restaurants with a commitment to sustainability, public bike sharing facilities and subsidised public transport for major conventions.

For more information and contact details for all MCB global office locations please visit us at

