



ABOUT WEB EARTH.

Web Earth are leading consultants in environmentally sustainable design, providing holistic solutions to create resilient and cost-saving buildings and infrastructures.

Established in 2011, Web Earth's environmental design team grew within acclaimed engineering firm Web Structures and we enjoy direct access to our parent company's world-class expertise. Our international diversity—in our team members' qualifications and the countries where we work—provides fertile ground for innovative solutions.

Visit our website at: www.webearth.com.sg

OPTIMISING USER COMFORT.

How a building interacts with the sun is one of the most critical aspects of its design and operations. Our detailed solar analysis allows architects, designers and masterplanners to make informed decisions to create spaces that are more thermally and visually comfortable for their users and energy efficient for their owners and operators.

For example, Web Earth's solar analysis helps identify where glass is most appropriate for used, avoiding areas of high exposure and solar heat and resulting in potential cost savings for glass performance. We also work closely with architects and designers to optimise daylight penetration to internal spaces, minimising the need for artificial lighting while also avoiding undesirable glare.

HARVESTING SOLAR POWER.

Opportunities to generate energy from the sun are equally important to create a holistically sustainable building. Our analysis identifies areas with high exposure and the annual hourly analysis gives detailed feasibility information for the use of photovoltaic (PV) panels or solar hot water.

We work with industry-leading PV suppliers and turnkey contractors to create the best value and highest payback for clients, with a range of options from grid tied to solar leasing systems.

For more information, please contact Ms Jessie Tan, Director-Projects: jessietan@webstruc.net

