



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.webeearth.com.sg

HOLISTIC ASSESSMENTS.

When a building is commissioned or retrofitted, its owners, developers and managers make crucial decisions on the acquisition and use of many different systems.

Web Earth’s energy and life cycle models can capture both potential costs and carbon emissions at each stage of a building’s life to yield a holistic view of each system.

The initial capital cost, often clearly defined, is a key factor influencing the selection of systems. However, the capital cost forms only one part of the expenses that need to be considered over an asset’s life cycle. Life cycle analysis gives developers and owners valuable feedback in the following areas:

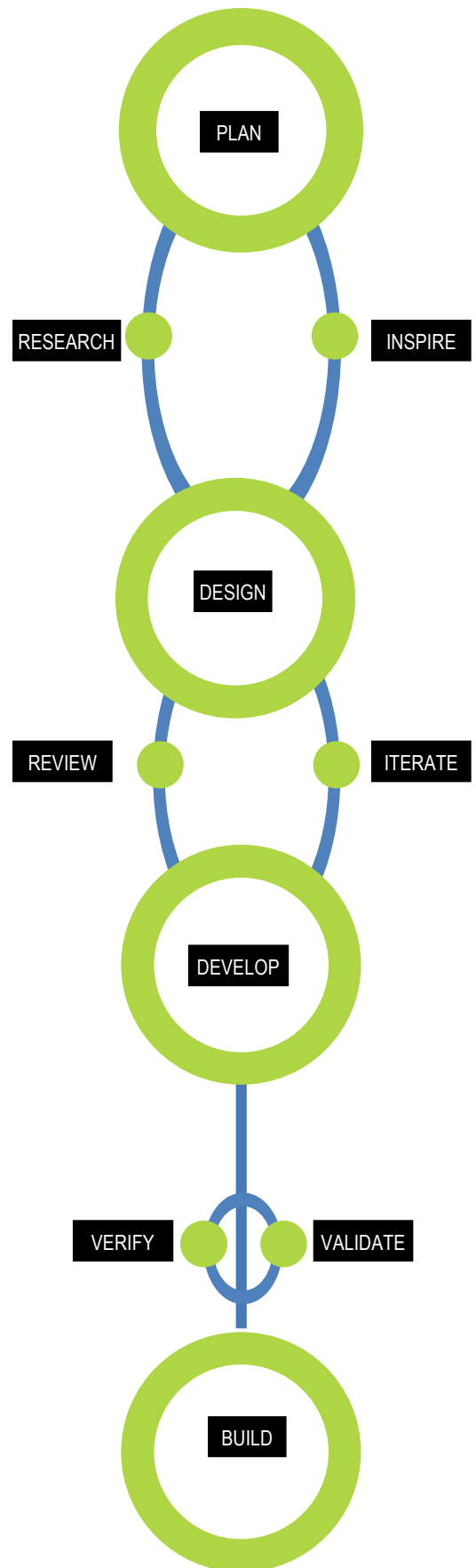
- Informing decision-making with indicators for capital and operations and maintenance investments based on minimum life cycle costs.
- Ranking each of the systems based on total cost of ownership and total emissions impact.
- Enabling better reporting to key stakeholders.

INTEGRATED MODELLING.

Web Earth’s integrated modelling approach identifies the most suitable systems and designs early in the project, creating maximum value for our clients. To maximise cost reductions in life cycle costs, analysis must occur during the early concept development and design phase of any project. At this time, significant commissioning changes can be made with the least impact on costs.

For large, complex projects with multiple options, we use management abatement curves to analyse the financial benefits over varying return periods to meet emission or energy savings targets in the most cost-effective manner.

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



Credit: Web Earth
Our life cycle approach to projects