

SUSTAINABILITY ASSESSMENT



MARKET SECTORS



Government



Construction



Waste Management



Electricity &
Renewables

WHAT CAN EPIC DO?

Epic can call on a team of in-house professionals, including Infrastructure Sustainability Accredited Professionals (ISAPs) to assist clients obtain Infrastructure Sustainability (IS) ratings for a range of projects in accordance with the Infrastructure Sustainability Council of Australia (ISCA) rating scheme.

ISCA

The ISCA rating ranges across broad sustainability themes, including management, governance, resources use, emissions pollution and waste, ecology, community and innovation. Epic understands commitment to sustainable procurement and highlights the need to enhance the whole-of-life environmental, social, and economic outcomes of a project through the supply chain.

With extensive industry experience in construction, transport infrastructure, waste and utilities sectors, Epic can work together with clients to evaluate the sustainability performance of projects across the planning, design, construction, and operations phase.

OUR SERVICES INCLUDE

- Interpretation of categories and credits in the IS Technical Manual (ISv2.0) to identify the appropriate evidence to support a certified IS rating;
- Application of the IS Rating Scheme (ISv2.0) to assist in scoping whole-of-life sustainability risks for projects and assets, enabling innovative solutions that reduce risks and costs;
- Technical expertise to foster efficiency and waste reduction, reducing costs;
- Management of document collation for an IS rating; and
- Preparation of self-assessments for registered ratings, base case proposals, and IS rating strategies and implementation plans.

OUR EXPERIENCE

- Epic worked with the CPB/Ghella/UGL joint venture to ensure sustainability objectives under the Infrastructure Sustainability Council of Australia (ISCA) rating tool were met through the inclusion of appropriate strategies and resources within post-approval documentation and management plans for the M6 Stage 1 extension in Sydney.
- Through the development of a Sustainable Remediation Strategy for the Bernborough Ascot Retirement Living and Aged Care Facility, Epic were able to optimise the environmental, social and economic value of the Project. Through the strategy Epic were able to identify the onsite reuse of approximately 10,000 m³ of material, preventing material being disposed of to landfill and cost savings of approximately \$600k through the retention of onsite reuse of ash fill. The strategy enabled Green Star certification through the Green Building *Council of Australia*.

Additionally, on other projects, our contribution has previously achieved IS objectives via:

- Advice and classification to maximise recovery and re-use of Virgin Excavated Natural Materials (VENM) and Excavated Natural Materials (ENM) generated by a project
- Application and negotiation of special NSW EPA Resource Recover Orders/ Exemptions for clean materials that may not fit under the above categories, such as tunnel spoil impacted by steel staples, grout and shotcrete
- Minimisation of wastes going to landfill, through innovation, advice and rational and experienced waste classification with associated reduction in landfill resource use, energy use and community impacts
- Innovation in treatment and re-use (within a project or elsewhere) of generated waters, including extracted groundwater.