



Infrastructure Sustainability for Professionals Pathway



IS FOR PROFESSIONALS PATHWAY

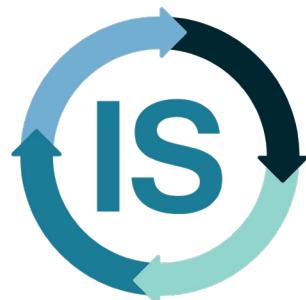
Build the skills and confidence to embed sustainability into every stage of infrastructure delivery – and gain recognition as an IS Accredited Professional (ISAP).



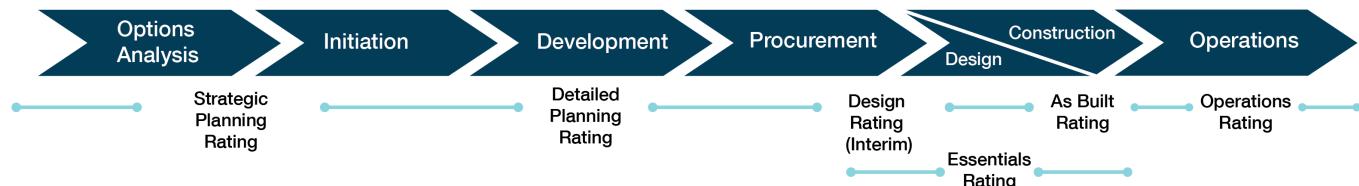
The IS Rating Scheme

The Infrastructure Sustainability (IS) Rating Scheme has been designed to help infrastructure deliver the best possible environmental, social, and economic outcomes.

There is an IS Rating tool to independently assess and reward sustainability at each stage of the infrastructure lifecycle, from early planning through to design and construction, and into the operational phase.



**Infrastructure
Sustainability
Rating Scheme**



PATHWAY OVERVIEW

The IS for Professionals Pathway provides sustainability practitioners and infrastructure professionals with the knowledge, skills, and recognition to embed best-practice and deliver sustainable outcomes across all phases of the infrastructure lifecycle.



Through self-paced modules and facilitated workshops, the IS for Professionals Pathway equips participants to embed sustainability into infrastructure assets of any type and size into planning, design, construction, and operations – building capability, confidence, and credibility as an Infrastructure Sustainability Accredited Professional (ISAP).

Pathway format

Designed to flexibly fit into your work schedule, the IS for Professionals Pathway is:

- Co-designed with experienced ISAPs and Verifiers to ensure industry relevance.
- Delivered over 5 weeks for structured yet manageable learning that fits into your work schedule.
- Comprising 10 self-paced modules that build core knowledge around theory, processes, and systems.
- Supported by 9 facilitated workshops simulating real-world application.
- Aligned to the IS Rating Technical Manuals and project delivery stages for practical impact.
- Embedded with formative assessments to track and strengthen learning.

“ Course was broken down nicely for easier understanding and workflow”
- Nicholas Kemp - Tonkin Alliance.

WHO IS THIS PATHWAY FOR?

The IS for Professionals Pathway is designed for infrastructure professionals who want to confidently apply sustainability in practice.

Ideal for engineers, project managers, designers, and sustainability specialists, the program builds capability to embed the IS Rating Scheme across every stage of project delivery.



Learning Outcomes

- 1** Explain the core concepts, principles, and benefits of measuring and embedding sustainability in infrastructure projects.
- 2** Apply the Infrastructure Sustainability (IS) Rating framework across different stages of project delivery.
- 3** Identify and engage with key stakeholders to embed sustainability within project and organisational processes.
- 4** Undertake, develop and document key components of an IS Rating, including the Base Case, Materiality Assessment, Sustainability Management Plan, and Rating Submission.
- 5** Gather and assess evidence in alignment with credit requirements and respond effectively to feedback and verification findings.

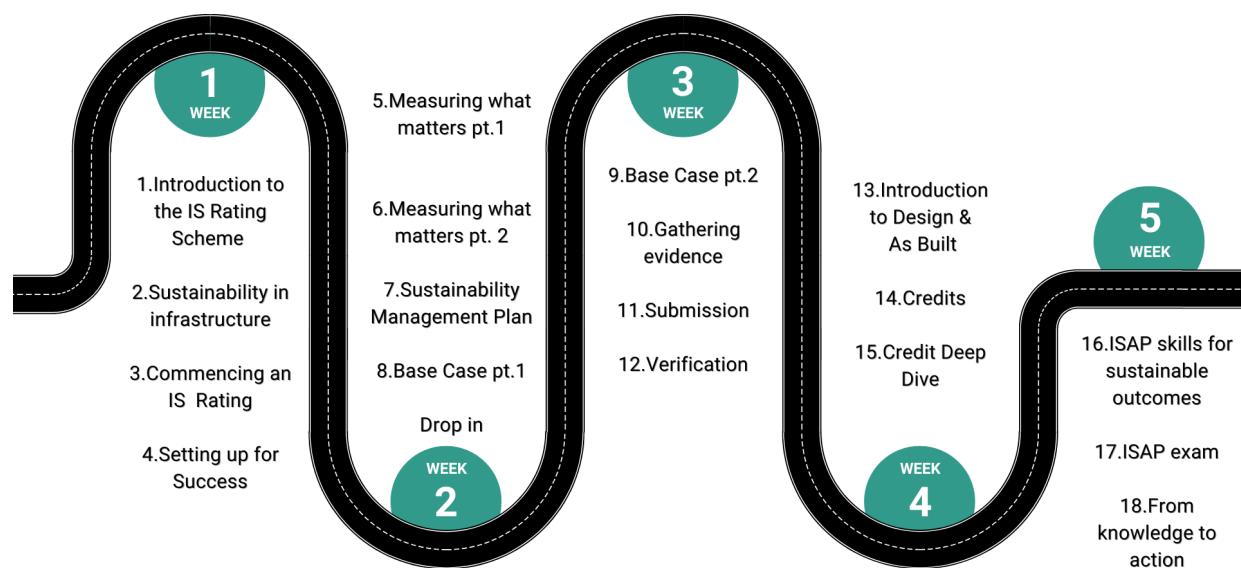
“Effective training that empowers participants in delivery of technical scope is critical step in the development of both individuals and from my involvement in the development process I can see that the newly released Infrastructure Sustainability for Professionals (IS4P) greater IS Rating Capability across the IS4P cohort I am definitely anticipating a significant improvement in IS Rating outcomes on pro capability enhancement. We all need to get better at what to do ensure we achieve a positive impact - the new IS4P Pathway will help professionals be better!” - **Simon Hooper- Perspektiv**

Steps to become an ISAP

- 1 Register for the IS for Professionals Pathway (1-5 weeks).
- 2 Complete weeks 1 – 3. This section covers IS Rating Scheme mandatory processes, elements that are applicable across all lifecycle phases including Base Case, Materiality Assessment, Gathering Evidence, and Submission.
- 3 Complete weeks 4 & 5. The content in these weeks differ depending on the lifecycle stage you work within (e.g. Planning, Design & As Built, Operations).
- 4 Complete the ISAP accreditation exam.
- 5 Share your digital badge on LinkedIn and tag the ISC.
- 6 Maintain your ISAP accreditation annually.

Pathway Modules

The below demonstrates the IS for Professionals Pathway in Design & As Built phases.



Total duration = approx. 22 hours across 5 weeks.

Facilitated workshops = approx. 15 hours (+ 1 hour optional drop in).

Self-paced resources = approx. 6 hours.

Duration & Format

Week 1 4 hours 45 minutes	Week 2 4 hours 45 minutes	Week 3 5 hours	Week 4 4 hours	Week 5 3 hours 45 minutes
2 x workshops, 2 x eLearn	2 x workshops, 3 x eLearn	2 x workshops, 2 x eLearn	2 x workshops, 2 x eLearn	1 x workshop, 1 x eLearn, 1 x exam

Module Outcomes

Self-paced learning Facilitated learning

Week 1				
1.Introduction to IS for professionals Pathway	2.Sustainability in infrastructure	3.Commencing an IS Rating	4.Setting up for success	
<ul style="list-style-type: none"> Describe course objectives and Pathway structure. Engage in networking and relationship building. Agree expectations for the course. 	<ul style="list-style-type: none"> Identify sustainability mindsets in project decision making. Recognise the drivers and impacts of sustainability in infrastructure. Describe the process of undertaking an IS Rating. 	<ul style="list-style-type: none"> Identify roles and responsibilities within an IS Rating. Consider how sustainability in contracts influences resourcing and delivery. Develop an IS Rating Schedule for the Establishment period. 	<ul style="list-style-type: none"> Apply the four critical success factors at the commencement of an IS Rating. Prepare strategies for team engagement and continuous improvement to embed throughout the Rating. 	
Duration 1 hour 30 minutes workshop	Duration 45 minutes eLearn	Duration 30 minutes eLearn	Duration 2 hour workshop	

Week 2				
5.Measuring what matters pt.1	6.Measuring what matters pt.2	7.Sustainability Management Plan	8.Base Case pt.1	Drop in
<ul style="list-style-type: none"> Navigate the three-stage materiality assessment process from preparation to verification. Apply materiality screening principles to determine which credits are most relevant for your project based on capital band and context. 	<ul style="list-style-type: none"> Interpret results of a Materiality Assessment. Practice prioritising sustainability issues by understanding what makes them material to a project. Explore examples to build rating pathways using materials results. 	<ul style="list-style-type: none"> Identify the key purpose and key components of a Sustainability Management Plan (SMP). Describe how an SMP can drive accountability and responsibility for Sustainability outcomes. 	<ul style="list-style-type: none"> Describe the purpose, scope and application of the Base Case. Familiarise yourself with key concepts, challenges and considerations when preparing a Base Case. 	<ul style="list-style-type: none"> An optional drop in session. An opportunity to ask question about the previous content, connect with peers and reflect on your learning so far.
Duration 30 minutes eLearn	Duration 2 hour workshop	Duration 30 minutes eLearn	Duration 45 minutes eLearn	Duration 1 hour workshop

Week 3

9.Base case pt. 2	10.Gathering Evidence	11.Submission	12.Verification
<ul style="list-style-type: none"> Apply the concept of Business as Usual (BAU). Analyse and document a Base Case Proposal. Undertake the development of a Base Case using back-casting methodology. 	<ul style="list-style-type: none"> Recognise examples of good practice in writing credit summary forms. Identify examples that meet evidence requirements. 	<ul style="list-style-type: none"> Recall the submission to verification process. Review the verification process and principles followed by verifiers. Prepare for a face-to-face verifier meeting. 	<ul style="list-style-type: none"> Undertake a face-to-face verification meeting. Respond to Round 1 verification feedback.
Duration 2 hour workshop	Duration 30 minutes eLearn	Duration 30 minutes eLearn	Duration 2 hour workshop

Week 4

13.Introduction to D&AB	14.Credits	15.Credit deep dive
<ul style="list-style-type: none"> Identify the key components, objectives and personal learning and comfort zones of the D&AB Pathway. Review an IS D&AB roadmap. 	<ul style="list-style-type: none"> Differentiate between credit levels and Business As Usual (BAU) approaches. Identify and understand the theory and examples of credit linkages within and between tools. 	<ul style="list-style-type: none"> Conduct an in-depth analysis of selected credits. Apply the theory of credit linkages in practice.
Duration 1hour 30 minutes workshop	Duration 30 minutes eLearn	Duration 2 hour workshop

Week 5

16.ISAP Skills for Sustainable Outcomes	17.ISAP Exam	18.From Knowledge to Action
<ul style="list-style-type: none"> Identify how the IS Rating framework can drive efficiencies at both project and organisational levels. Explore strategies to embed sustainability into standard business and project practices. 	<ul style="list-style-type: none"> Demonstrate an understanding of the IS Rating Process. Navigate through the ISAP resources. Apply Rulings to given scenarios. 	<ul style="list-style-type: none"> Translate IS Rating knowledge into practical applications by mapping actions against a Rating timeline. Reflect on lessons learned throughout the program and how to apply them in future projects. Identify next steps for ISAP professional development and accreditation.
Duration 45 minutes eLearn	Duration 1 hour online exam	Duration 2 hour workshop



IS for Professionals Working Group Members

Thanks to the following members who contributed to the development of this Pathway:



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New Zealand registration - Contact us to register

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