Infrastructure Sustainability Council

ISupply Credit Guide - IS v1.2

ISupply Credit Guide
IS v1.2

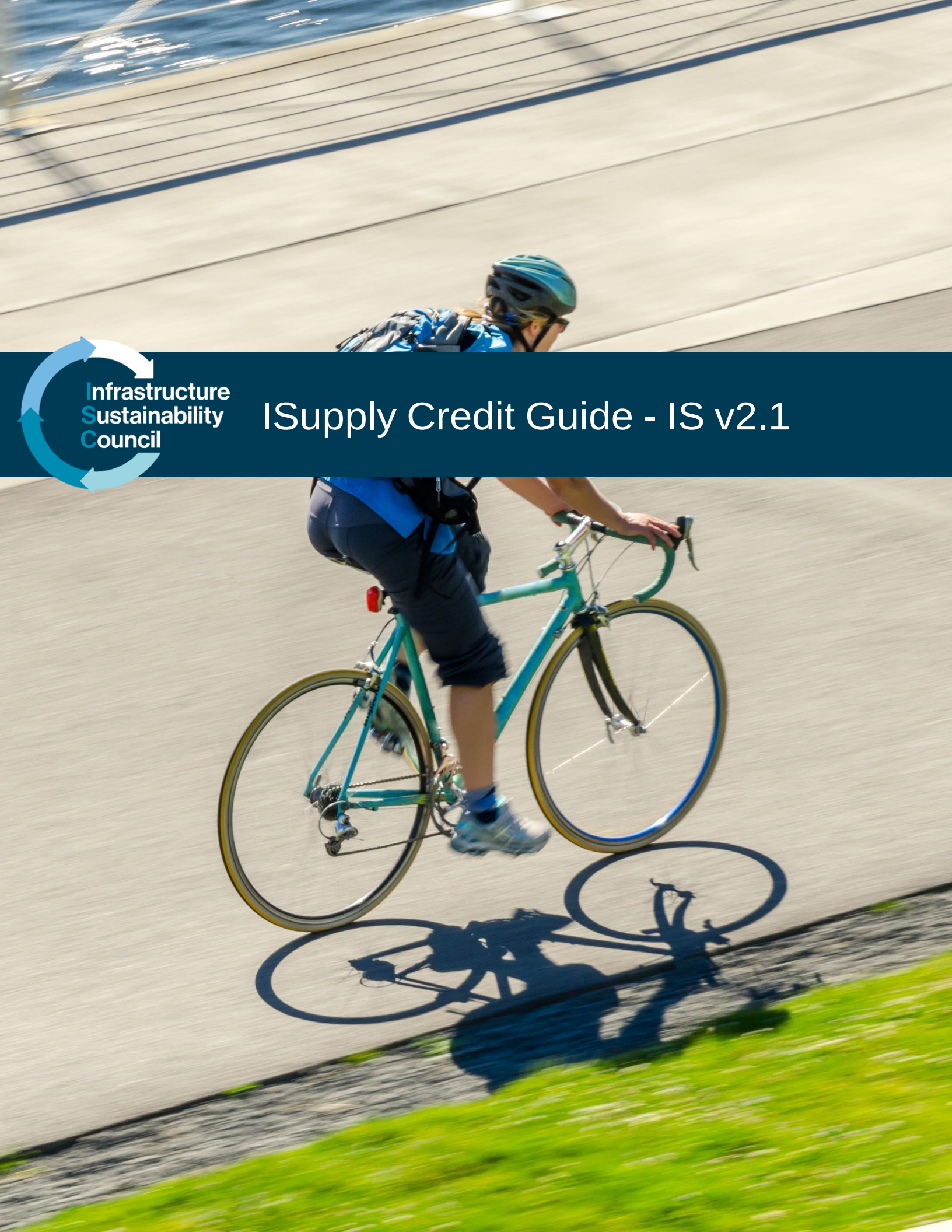
	Category	Credit Name	Description
Management Systems (Man)	Man- 1	Sustainability leadership and commitment	To reward a commitment to sustainability. *(Infrastructure Project commits & targets to mitigate negative environmental, social, and economic impacts)*
	Man- 2	Risk and opportunity management	To reward the assessment of sustainability risks and opportunities to inform the management approach. *(Infrastructure Project environmental, social and economic risk & opportunity assessment)*
	Man- 3	Organisational structure, roles and responsibilities	To reward the allocation of responsibility for sustainability appropriately. *(Infrastructure Project senior management & IS Accredited Professional (ISAP) have central responsibility for managing sustainability)*
	Man- 4	Inspection and auditing	To reward regular inspection of Infrastructure Project on-site performance and auditing of the management system.
	Man- 5	Reporting and review	To reward regular, comprehensive and transparent Infrastructure Project sustainability reporting and review.
	Man- 6	Knowledge sharing	To reward sustainability knowledge sharing initiatives. (*Infrastructure Projects share sustainability knowledge internally; beyond project boundaries to parent organisations and/or other key stakeholders, and into the wider industry.)*
	Man- 7	Decision-making	To reward incorporating sustainability aspects into Infrastructure Project decision making. *(Infrastructure Projects evaluate and consider options on the basis of environmental, social and economic aspects)*
Procurement and Purchasing (Pro)	Pro-1	Commitment to sustainable procurement	To reward Infrastructure Project commitment to sustainable procurement. *(Infrastructure Projects commit to requiring sustainability aspects to be considered in the procurement process)*
	Pro-2	Identification of suppliers	To reward the identification of suitable suppliers and the incorporation of sustainability criteria in the engagement process. *(Potential Infrastructure Project suppliers requested to provide details of their sustainability policies and their implementation)*
	Pro-3	Supplier evaluation and contract award	To reward the consideration of sustainability in supplier evaluation and contract documentation. *(Infrastructure Project supplier evaluation considers sustainability aspects through use of qualitative criteria)*
	Pro-4	Managing supplier performance	To reward the adoption of measures to ensure long-term implementation of sustainability initiatives for the duration of contracts. *(Supplier sustainability performance is monitored for the duration of contracts, against the Infrastructure Project objectives and/or targets)*
Climate Change Adaptation (Cli)	Cli-1	Climate change risk assessment	To reward the assessment of climate change risks.
	Cli-2	Adaptation options	To reward the assessment and implementation of climate change adaptation measures.

Category	Credit Name	Description
Energy and Carbon (Ene)		
Ene-1	Energy and carbon monitoring and reduction	To reward monitoring and minimising of energy use and GHG emissions across the infrastructure lifecycle.
Ene-2	Renewable energy	To reward investigation of, and use of, renewable energy.
Water (Wat)		
Wat-1	Water use monitoring and reduction	To reward monitoring and minimising water use as much as possible across the infrastructure lifecycle.
Wat-2	Replace potable water	To reward replacing potable water where this makes economic and environmental sense across the infrastructure lifecycle.
Materials (Mat)		
Mat-1	Materials footprint measurement and reduction	To reward design and practice that reduces lifecycle environmental impacts of materials.
Mat-2	Environmentally labelled products and supply chains	To reward procurement of major materials that have environmental labels or are from sustainable supply chains.
Discharges to Air, Land and Water (Dis)		
Dis-1	Receiving water quality	To reward the management of impacts on local receiving water quality.
Dis-2	Noise	To reward the management of noise impacts.
Dis-3	Vibration	To reward the management of vibration impacts.
Dis-4	Air quality	To reward management of air quality impacts.
Dis-5	Light pollution	To reward prevention of light spill.
Land (Lan)		
Lan-1	Previous land use	To reward the reuse of land that has previously been developed.
Lan-2	Conservation of onsite resources	To reward conservation of soil resources.
Lan-3	Contamination and remediation	To reward projects that assess contamination and perform sustainable remediation.
Lan-4	Flooding design	To reward designing for flood events.
Waste (Was)		
Was-1	Waste management	To reward sustainable waste management plans and practices.
Was-2	Diversion from landfill	To reward diversion of spoil, inert, non-hazardous and office waste from landfill.
Was-3	Deconstruction/ Disassembly/ Adaptability	To reward design and planning for deconstruction, disassembly and adaptability of infrastructure in the future.
Ecology (Eco)		
Eco-1	Ecological value	To reward maintenance or enhancement of ecological value.
Eco-2	Habitat connectivity	To reward maintenance or enhancement of habitat connectivity.

	Category	Credit Name	Description
Community, Health, Wellbeing and Safety (Hea)	Hea-1	Community health and well-being	To reward a positive contribution to community health and wellbeing. *(Infrastructure Projects undertake measures to positively contribute to community health and wellbeing)*
	Hea-2	Crime prevention	To reward design and practice that reduce the likelihood of crime.
Heritage (Her)	Her-1	Heritage assessment and management	To reward the development of Infrastructure Project baseline assessment of heritage and predictions against which improvements can be measured.
	Her-2	Monitoring and management of heritage	To reward monitoring of Infrastructure Project impacts on heritage.
Stakeholder Participation (Sta)	Sta-1	Stakeholder engagement strategy	To reward the development and implementation of a comprehensive Infrastructure Project stakeholder engagement strategy.
	Sta-2	Level of engagement	To reward an appropriately high level of Infrastructure Project engagement, particularly on negotiable issues.
	Sta-3	Effective communication	To reward clear, timely and relevant Infrastructure Project communication with the community.
	Sta-4	Addressing community concerns	To reward where community concerns have been properly considered and addressed in the Infrastructure Project.
Urban and Landscape Design (Urb)	Urb-1	Urban design	To reward adoption of best practice urban design principles and design review in the Infrastructure Project.
	Urb-2	Implementation	To reward effective implementation of urban and landscape design in the Infrastructure Project.
Innovation (Inn)	Inn-1	Innovation	To reward innovative initiatives and outcomes in delivering sustainable Infrastructure Projects: 1. 'First' innovative technology, process or method - World, National or State [Not recognized on ISupply Listings] 2. Market transformation [Not recognized on ISupply Listings] 3. Improving on credit benchmarks [Not recognized on ISupply Listings] 4. Innovation Challenge • IC-3 Carbon Neutrality: To reward projects/assets achieving certified carbon neutrality. • IC-4 Sustainable Site Facilities: To encourage the deployment of sustainable site accommodation facilities that reduce environmental impacts and support site workers with a healthy indoor environment. • IC-5 High Clinker Substitution: To reward the significant substitution of clinker with lower carbon emission alternatives. • IC-6 Supply Chain Education: To reward increases in the sustainability knowledge of project participants. • IC-8 Sustainable Suppliers and ISupply: To reward

	projects for using sustainable products or services listed in the ISupply directory and for referring sustainable suppliers to join ISupply • IC-9 Revised Lan-4 Pilot: To reward participants for contributing feedback to ensure the new Lan-4 content is fit for purpose. • IC-10 Contributing to a Circular Economy: To reward projects for supporting and driving the Australian National Waste Policy Action Plan 2019 in infrastructure delivery and asset management, by increasing their use of recycled materials beyond business-as-usual levels, as well as the responsible management of resource outputs, which contributes towards a circular economy.

See Appendix A for high-level examples demonstrating how different products and services can support specific credits across each category



Infrastructure Sustainability Council

ISupply Credit Guide - IS v2.1

Category	Credit Name	Description
Place (Pla)		
Pla-2	Urban and Landscape Design	To create infrastructure that has been influenced by the local context, fits its setting, and meets the needs of the people that will use it, while preserving and enhancing scenic, aesthetic, cultural, community and environmental resources and values.
Leadership and Management (Lea)		
Lea-1	Integrating Sustainability	To embed the Infrastructure Project's sustainability commitment, objectives and targets into governance and continuous improvement processes and to publicly commit to and report on progress.
Lea-2	Risks and Opportunities	To identify, assess and manage key sustainability risks and opportunities relevant to the Infrastructure Project context and meaningful to affected stakeholders.
Lea-3	Knowledge Sharing	New or updated knowledge on issues and outcomes important to infrastructure sustainability is shared between Infrastructure Projects and more widely within industry.
Sustainable Procurement (Spr)		
Spr-1	Sustainable Procurement Strategy	To establish a procurement framework which enables achievement of the Infrastructure Project's sustainability objectives through managing the material sustainability risks and opportunities in the supply chain.
Spr-2	Supplier Assessment and Selection	To select suppliers, goods or services that contribute to achieving the Infrastructure Project's sustainability objectives and engage with the market to drive innovation.
Spr-3	Contract and Supplier Management	To manage and reward supply chain performance against the Infrastructure Project's sustainability objectives and targets.
Resilience (Res)		
Res-1	Climate and Natural Hazards Risks	To identify, assess and treat risks to the asset associated with climate change and natural hazards.
Res-2	Resilience Planning	To develop resilient infrastructure that contributes to broader community resilience.
Innovation (Inn)		
Inn-1	Innovation	To reward innovative initiatives and outcomes in delivering sustainable Infrastructure Projects, within the following categories: 1. 'First' innovative technology, process or method - World, National or State [Not recognized on ISupply Listings] 2. Market transformation [Not recognized on ISupply Listings] 3. Improving on credit benchmarks [Not recognized on ISupply Listings] 4. Innovation Challenge • IC-1 Carbon Neutrality: To reward projects/assets achieving certified carbon neutrality through the Climate Active or equivalent program. • IC-2 High Clinker Substitution: To reward the significant substitution of clinker with lower carbon emission alternatives. • IC-4 Sustainable Suppliers and ISupply: To reward projects for using sustainable products or services

listed in the ISupply directory and for referring sustainable suppliers to join ISupply.
- IC-5 Contributing to a Circular Economy: To reward projects for supporting and driving the Australian National Waste Policy Action Plan 2019 in infrastructure delivery and asset management, by increasing their use of recycled materials beyond business-as-usual levels, as well as the responsible management of resource outputs, which contributes towards a circular economy.

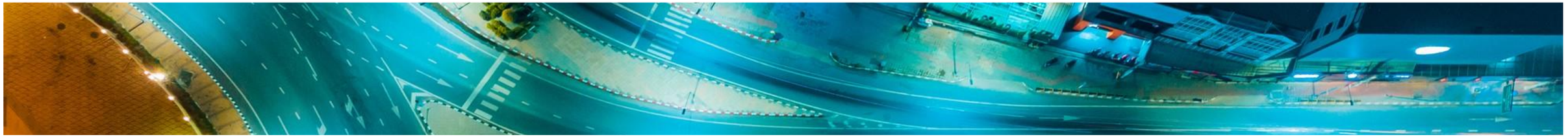
Category	Credit Name	Description
Economics (Ecn)		
Ecn-1	Options Assessment and Significant Decisions	To incorporate sustainability criteria and whole of life considerations into decision making processes for significant project initiatives developed in the design and construction phases and hence increase sustainability outcomes for the Infrastructure Project.
Ecn-4	Benefits	Benefits Mapping (not currently included; to be finalised after the IS v.2.0 Planning Technical Manual review).
Energy and Carbon (Ene)		
Ene-1	Energy Efficiency and Carbon Reductions	To reduce energy use and carbon emissions across the infrastructure life cycle and drive towards net zero carbon.
Ene-2	Renewable Energy	To drive towards net zero carbon by increasing the development and use of renewable energy.
Ene-3	Offsetting	To drive towards net zero carbon through offsetting any residual carbon emissions from a project's construction and operational activities.
Environmental Impacts (Env)		
Env-1	Receiving Water Quality	To maintain or improve the environmental quality of local streams, rivers and water bodies.
Env-2	Noise	To manage noise impacts and improve amenity for noise receptors.
Env-3	Vibration	To manage vibration impacts and improve amenity for vibration receptors.
Env-4	Air Quality	To manage air quality impacts and improve air quality for receptors.
Env-5	Light Pollution	To minimise light pollution and improve amenity for light receptors.
Resource Efficiency & Management (Rso)		
Rso-1	Resource Strategy Development	To identify, implement and manage resource efficiency expectations for each phase of the infrastructure life cycle and to achieve positive circular economy outcomes for the Infrastructure Project.
Rso-2	Management of Contaminated Material	To eliminate or control risks to people and the environment from contaminated material and to maximise use of sustainable remediation options for the management of such material.

Resource Efficiency and Management (Rso)	Rso-3	Management of Acid Sulfate Soil	To minimise adverse impacts on people and the environment when addressing the risks associated with acid sulfate soils.
	Rso-4	Resource Recovery and Management	To drive beneficial reuse of resource outputs and reduce the volume of resources sent to landfill.
	Rso-5	Adaptability and End of Life	To plan for the adaptation of infrastructure assets as their utilisation requirements change and for sustainable disassembly of infrastructure assets at end of life.
	Rso-6	Material Life Cycle Impact Measurement and Management	To design and construct the project in ways that reduce the environmental impacts of materials across the life cycle of the infrastructure asset.
	Rso-7	Sustainability Labelled Products and Supply Chains	To utilise sustainability labelled products and supply chains to address supply chain risks and opportunities.
Water (Wat)	Wat-1	Avoiding Water Use	To reduce water demand across the life cycle of the infrastructure asset.
	Wat-2	Appropriate Use of Water Sources	To use water sources of suitable quality for the project's water end uses, while minimising demand on potable water supply, protecting the environment and supporting the use of alternative water sources.

Category	Credit Name	Description
Ecology (Eco)		
Eco-1	Ecological Protection and Enhancement	To identify, protect and enhance Infrastructure Project ecological value.
Stakeholder Engagement (Sta)		
Sta-1	Stakeholder Engagement Strategy	To implement an Infrastructure Project stakeholder engagement strategy which recognises key stakeholder and community values, interests and concerns, and promotes inclusive, participatory approaches.
Sta-2	Stakeholder Engagement and Impacts	To implement high quality stakeholder engagement where key stakeholders can contribute to and have influence on Infrastructure Project outcomes.
Legacy (Leg)		
Leg-1	Leaving a Lasting Legacy	To deliver Infrastructure Project initiatives that contribute pronounced and long-lasting societal or environmental outcomes outside of the project scope already addressed by IS credits.
Heritage (Her)		
Her-1	Heritage Protection and Enhancement	To maintain or enhance local heritage values across all phases of the Infrastructure Project and raise awareness of these values with project stakeholders and the community.
Workforce Sustainability (Wfs)		
Wfs-1	Jobs, Skills and Workforce Planning	To increase industry capacity and capability through identifying Infrastructure Project skill needs and gaps, leveraging employment opportunities, and improving outcomes for people.
Wfs-2	Workplace Culture and Wellbeing	To support a positive Infrastructure Project workplace culture and employee health and well-being.
Wfs-3	Diversity and Inclusion	To support the development of a diverse and inclusive Infrastructure Project working environment.
Wfs-4	Sustainable Site Facilities	To implement sustainable site accommodation facilities that reduce environmental impacts and support site worker wellbeing with a focus on internal environment quality, energy use, water use, and resource efficiency.

See Appendix A for high-level examples demonstrating how different products and services can support specific credits across each category

Appendix A



IS credits for ISupply overview – Governance Theme

Below are examples* for ISuppliers, illustrating how their **Services** or **Products** can contribute to some specific credits within the **Governance** Theme.

**these are high level examples only and are not an exhaustive list of all the Products/Services that could contribute to the below credits.*

INNOVATION *Who can contribute to this category?* *Can ISupplier Products or Services be certified as innovation 'Firsts' on ISupply?*	All ISuppliers with **Products** or **Services** listed on ISupply can contribute to v2.1 D&AB credit Innovation Challenge -4: Sustainable supplier (aligned to v1.2 D&AB credit Innovation Challenge -8) No, claiming innovation 'Firsts' and/or 'Market Transformations' requires substantial evidence and verification as part of an Infrastructure Project Submission. These can only be claimed as part of Project specific submissions and cannot be claimed on ISupply.
RESILIENCE *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** that can support Infrastructure Projects in assessing their climate change and natural hazard risks. They collaborate with project stakeholders to identify and mitigate risks to acceptable levels. *For example, consultancy **Services** can contribute to v2.1 D&AB credit Res-1 by providing climate and natural hazard risk assessment for Infrastructure Projects.* (this v2.1 category aligns to v1.2 D&AB Climate Change Adaptation category)
LEADERSHIP & MANAGEMENT *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** that integrate sustainable thinking and practices into project governance structures and performance objectives, and create sustainability cultures within Infrastructure Projects *For example, consultancy **Services** can contribute to v2.1 D&AB credit Lea -1 by aiding Infrastructure Projects in developing & embedding the project sustainability objectives and targets into their governance and reporting frameworks.* (This v2.1 category aligns to the v1.2 D&AB Management and Governance category)
SUSTAINABLE PROCUREMENT *Who can contribute to this category?*	ISupply contributors to this category are consultancy **Services** or **Products** specializing in managing sustainability risks & opportunities within the supply chain at the Infrastructure Project level. Their expertise ensures that procurement processes result in positive environmental, social, and economic impacts throughout the Project lifecycle. *For example, consultancy **Services** can contribute to v2.1 D&AB credit Spr -1 by assisting Infrastructure Projects in developing procurement frameworks and management plans for sustainable procurement.* (this v2.1 category aligns to the v1.2 D&AB Procurement and Purchasing category)

IS credits for ISupply overview – Environment Theme

This slide provides examples* for ISuppliers, illustrating how their **Services** or **Products** can contribute to specific credits within the **Environment** Theme

**these are high level examples only and are not an exhaustive list of all the Products/Services that could contribute to the below credits.*

ENVIRONMENTAL IMPACTS *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** or **Products** that prevent and mitigate discharges to air, water and land, including receiving water quality, noise, vibration, air quality and light pollution over the life cycle of an Infrastructure Project. *For example, consultancy **Services** or **Products** can contribute to v2.1 D&AB credit Env-2 by supporting Infrastructure Projects to manage their noise impacts and improve amenity for noise receptors.* (this v2.1 category aligns to the v1.2 Emissions, Pollution and Waste category)
ENERGY AND CARBON *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** or **Products** specializing in reducing energy demand and greenhouse gas (GHG) emissions across an Infrastructure Project's life cycle and driving towards net zero carbon. *For example, the below **Services** & **Products** can contribute to v2.1 D&AB credit Ene-1:* • *consultancy **Services** can contribute by providing Energy monitoring and/or Energy modelling for an Infrastructure Project* • ***Products** can contribute by enabling energy efficiencies or by providing renewable energy(s) to an Infrastructure Project* (this v2.1 category aligns to the v1.2 D&AB Energy & Carbon category)
RESOURCE EFFICIENCY AND MANAGEMENT *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** or **Products** that drive a more efficient and sustainable use of natural resources over the life cycle of an Infrastructure Project. *For example, the below **Services** & **Products** can contribute to v2.1 D&AB credit Rso-6:* • *consultancy **Services** can contribute by providing material lifecycle impacts modelling for an Infrastructure Project* • ***Products** can contribute by demonstrating their low/lower embodied carbon content (compared to other business as usual materials)* (this v2.1 category aligns to the v1.2 D&AB Materials, Discharges & Waste categories)
ECOLOGY *Who can contribute to this category?*	ISupply contributors to this category include consultancy **Services** or **Products** that protect and enhance terrestrial and aquatic ecology on an Infrastructure Project. *For example, the below **Services** & **Products** can contribute to v2.1 D&AB credit Eco-1:* • *consultancy **Services** can contribute by providing Ecological impacts and opportunities assessments for an Infrastructure Project* • ***Products** can contribute by minimizing or remedying impacts on ecological features on an Infrastructure Project (or improving the ecological value)* (this v2.1 category aligns to the v1.2 D&AB Ecology category)

IS credits for ISupply overview – Economic & Social Themes

This slide provides examples for ISuppliers, illustrating how their **Services** or **Products** can contribute to specific credits within the **Economic & Social** Themes

**these are high level examples only and are not an exhaustive list of all the Products/Services that could contribute to the below credits.*

ECONOMIC

Who can contribute to this category?

ISupply contributors to this category include consultancy **Services** that can support Infrastructure Projects in the identification and thorough assessment of project options, including the assessment and measurement of risk and whole of life financial and economic viability of each option.

*For example, consultancy **Services** can contribute to v2.1 D&AB credit Ecn-1 by incorporating sustainability criteria and whole of life considerations into Infrastructure Project decision making processes.*

(this v2.1 category aligns to v1.2 credit Man-7 within the Management category)

SOCIAL

STAKEHOLDER ENGAGEMENT

ISupply contributors to this category include consultancy **Services** that establish and implement high quality stakeholder engagement on Infrastructure Projects to enable key stakeholders to contribute and influence Project outcomes to deliver sustainable benefits that meet the needs and aspirations of communities.

Who can contribute to this category?

*For example, consultancy **Services** can contribute to v2.1 D&AB credit Sta-1 by designing and implementing stakeholder engagement strategies on Infrastructure Projects which recognize key stakeholder and community values, interests and concerns, and promote inclusive, participatory approaches.*

(this v2.1 category aligns to the v1.2 Stakeholder Participation category)

WORKFORCE SUSTAINABILITY

ISupply contributors to this category include consultancy **Services** that establish and implement strategic workforce planning and support current and longer-term goals through a planned approach to building workforce capacity and capability on Infrastructure Projects.

Who can contribute to this category?

*For example, consultancy **Services** can contribute to v2.1 D&AB credit Wfs-1 by supporting Infrastructure Projects in increasing industry capacity and capability through identifying skill needs and gaps and leveraging employment opportunities.*

(this v2.1 category does not align with any v1.2 category)