

# SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT

TSC Category	Business and Project Management					
TSC Title	Sustainability Management					
TSC Description	Plan, develop and roll out of an organisation-wide sustainability strategy. This includes the assessment of the organisation's utilisation and/or consumption of energy and other resources, vis-a-vis the availability and stability of supply sources and external best practices and standards in sustainability. This also includes the on-going monitoring and tracking of energy and/or resource-consumption over time, to identify impact on the organisation's internal and external environment as well as potential improvements in energy- or resource-efficiency.					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
				ICT-SNA-4005-1.1	ICT-SNA-5005-1.1	ICT-SNA-6005-1.1
				Assess the organisation's utilisation of energy against supply considerations, and propose and implement solutions to optimise utilisation	Define action plans, solutions and technologies to address energy efficiency gaps, and implement sustainability practices that encourage organisational commitment	Establish an organisation-wide sustainability strategy and introduce new, innovative practices and technologies to optimise energy and resource efficiency
Knowledge				<ul style="list-style-type: none"> <li>Metrics of energy and resource utilisation</li> <li>Assessment and identification of gaps/lapses in energy efficiency</li> <li>Implementation steps for a sustainability action plan</li> <li>Utilisation of appropriate tools and techniques</li> </ul>	<ul style="list-style-type: none"> <li>Impacts of Infocomm Technology (ICT) energy trends</li> <li>Methods to optimise energy and resource efficiency, and their pros and cons</li> <li>Tools, techniques and technologies to address sustainability gaps</li> <li>Key considerations for effective implementation of sustainability standards</li> </ul>	<ul style="list-style-type: none"> <li>Global trends and best practices in sustainability management and green ICT</li> <li>Projection of energy utilisation patterns on the business</li> <li>Innovative sustainability measures, practices and methodologies for ICT Sustainability standards and benchmarks in the industry</li> </ul>
Abilities				<ul style="list-style-type: none"> <li>Identify ICT energy trends that could impact the organisation</li> <li>Monitor the organisation's utilisation of energy and other resources against availability of supply sources and external standards</li> <li>Identify gaps, issues, or critical areas for</li> </ul>	<ul style="list-style-type: none"> <li>Analyse ICT energy trends and findings, and potential impact on organisation practices</li> <li>Evaluate organisation's energy utilisation in relation to broader supply availability, stability and external trends and standards</li> <li>Identify significant impact of energy or</li> </ul>	<ul style="list-style-type: none"> <li>Review global sustainability trends, and their potential impact on the organisation</li> <li>Integrate industry best practices in green ICT with internal business requirements to develop an organisation-wide sustainability strategy</li> <li>Review analysis of the organisation's energy</li> </ul>

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				<p>improvement in energy and resource efficiency</p> <ul style="list-style-type: none"> <li>Propose possible solutions, tools or technologies that can enhance effectiveness of the organisation's utilisation of energy and resources</li> <li>Implement action plan and solutions in line with the organisation's sustainability strategy</li> <li>Oversee proper utilisation of approved tools, technologies and methodologies to optimise energy and resource utilisation</li> <li>Monitor compliance with sustainability practices, processes and standards in the organisation</li> </ul>	<p>resource-utilisation patterns in the organisation</p> <ul style="list-style-type: none"> <li>Assess suitability and recommend appropriate tools or technologies to incorporate into the organisation's practices</li> <li>Define action plans to address sustainability gaps and detail solutions to improve energy and resource efficiency in line with organisation's sustainability strategy</li> <li>Assess level of compliance with sustainability practices and standards in the organisation</li> <li>Define follow up actions or modifications to sustainability practices where required</li> </ul>	<p>utilisation in relation to supply costs or considerations, and project long-term business implications</p> <ul style="list-style-type: none"> <li>Introduce new, innovative practices and methodologies to optimise energy and resource efficiency for the organisation</li> <li>Endorse action plans, tools and technologies to enhance energy and resource efficiency, based on an assessment of their feasibility, validity and alignment with business priorities</li> <li>Set organisational standards for usage of energy and resources, for conformance by products, services, and operational processes</li> </ul>
Range of Application						