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| **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** |  |  |  | * Metrics of energy and resource utilisation * Assessment and identification of gaps/ lapses in energy efficiency * Implementation steps for a sustainability action plan * Utilisation of appropriate tools and techniques | * Impacts of Infocomm Technology (ICT) energy trends * Methods to optimise energy and resource efficiency, and their pros and cons * Tools, techniques and technologies to address sustainability gaps * Key considerations for effective implementation of sustainability standards | * Global trends and best practices in sustainability management and green ICT * Projection of energy utilisation patterns on the business * Innovative sustainability measures, practices and methodologies for ICT   Sustainability standards and benchmarks in the industry |
| **Abilities** |  |  |  | * Identify ICT energy trends that could impact the organisation * Monitor the organisation's utilisation of energy and other resources against availability of supply sources and external standards * Identify gaps, issues, or critical areas for improvement in energy and resource efficiency * Propose possible solutions, tools or technologies that can enhance effectiveness of the organisation's utilisation of energy and resources * Implement action plan and solutions in line with the organisation’s sustainability strategy * Oversee proper utilisation of approved tools, technologies and methodologies to optimise energy and resource utilisation * Monitor compliance with sustainability practices, processes and standards in the organisation | * Analyse ICT energy trends and findings, and potential impact on organisation practices * Evaluate organisation's energy utilisation in relation to broader supply availability, stability and external trends and standards * Identify significant impact of energy or resource-utilisation patterns in the organisation * Assess suitability and recommend appropriate tools or technologies to incorporate into the organisation’s practices * Define action plans to address sustainability gaps and detail solutions to improve energy and resource efficiency in line with organisation’s sustainability strategy * Assess level of compliance with sustainability practices and standards in the organisation * Define follow up actions or modifications to sustainability practices where required | * Review global sustainability trends, and their potential impact on the organisation * Integrate industry best practices in green ICT with internal business requirements to develop an organisation-wide sustainability strategy * Review analysis of the organisation's energy utilisation in relation to supply costs or considerations, and project long-term business implications * Introduce new, innovative practices and methodologies to optimise energy and resource efficiency for the organisation * 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 * Set organisational standards for usage of energy and resources, for conformance by products, services, and operational processes |
| **Range of Application** |  | | | | | |