Sustainable IT for Leaders Checklist

Fundamentals for Success		Tick all that apply
Leadership Understanding	Reflected on own understanding of the carbon and environmental impact of IT, reviewed access to data to support decisioning, and taken steps to deepen knowledge and methods to instil a sustainability led mindset across technology practices.	☐
Sustainable IT Knowledge across Management Team	Considered the capabilities, experience and level of understanding across your management team and improved their ability to decarbonise your IT estate.	☐
Data Availability and Readiness	Understood the data needed to drive accurate carbon impact measurement across technology and started to take steps to improve and automate data to support the embedding of sustainability into decisioning.	☐
Baselined Understanding	Measured and baselined the carbon impact across all core elements of the technology estate (including infrastructure and software) and had this independently verified.	☐
Cloud Performance	Understood the benefits and challenges involved in extracting maximum sustainability based opportunities from the cloud and making informed decisions and choices at application level.	☐
Investment Decisioning	Made and supports investment prioritisation and allocation of spend based on the carbon and environmental impact of technology choices.	☐
Metrics and Performance Targets	Implemented a clear set of consistent metrics and targets across the technology and application estate and is able to measure and track performance on a regular basis.	☐
Reporting and Obligations		Tick all that apply
Carbon Reporting	Understood current and forthcoming carbon reporting standards (CSRD/ESRS) and IT activity metric level requirements and is actively preparing for them. Understands difference between ESG reporting and carbon reduction action related measurement.	☐
Scope 3 Understanding	Built the data and insights to manage Technology and ICT related Scope 3 impacts in your value chain to better inform spend and use decisions.	☐
Readiness for IT Level Reporting	Prepared teams and data to provide IT activity metric level reporting to support new standards and guidelines, and actively engaged with ESG team to understand timeframes.	☐
Process and Tooling		Tick all that apply
DevSustainOps	Incorporated sustainability focused activities and assessment criteria into DevOps and FinOps processes using DevSustainOps or similar method.	☐
Design Stage Intervention	Incorporated design stage sustainability assessment and purposefully making solution, service, UX, UI and engineering decisions before coding commences based on potential carbon impact and energy usage. Actively ensuring new product development is low carbon intensity.	☐
Measurement	Able to measure, baseline and establish appropriate metrics and targets at both pan-ICT and software / platform level to support action to reduce carbon impact and improve energy efficiency.	☐
IT Procurement Decisioning	Implemented a standardised approach to assessing the carbon impact and energy efficiency of new software products and ICT components, and engaged vendors to responds as part of any purchasing decision.	☐
Sustainable IT Centre of Excellence	Considered and established as appropriate a centre of excellence (or similar) to coordinate and consistently enable data provisioning, data assessment, actioning and reporting across the IT estate. Has identified the importance and value of setting, measuring and tracking performance against sustainability led targets.	☐
People and Culture		Tick all that apply
Understanding your Capability	Measured the teams understanding of green coding and design techniques and identified areas where investment in learning and development is required.	☐
Learning Pathways	Mapped learning needs across team and created pathways across disciplines to develop their knowledge, capability and experience in Sustainable Software Engineering Practices and Techniques (Green Coding) and Green Design.	☐
Customer		Tick all that apply
Customer Journey / Value Chain / Client Goals	Engaged business stakeholders and mapped the digital architecture to business / customer value chains or goals, and able to articulate the importance of digital carbon reduction to support investment and transformational decisioning.	☐
Product / Service Differentiation	Understands the value of carbon impact reduction from a digital product or service perspective and embeds this thinking into business and customer engagements to harness support for action.	☐
Understanding Customer Needs	Understands the customer and investor demand for lower carbon digital services and importance of sustainable IT practices.	☐