

STANDARDS PUBLISHED AND IN DEVELOPMENT

GENERAL	Quality management systems	ISO 9001		
	Energy management systems	ISO 50001		
	Environmental management systems	ISO 14001		
	Life cycle assessment (LCA) of GHG	BS PAS 2050		
	Environmental management LCA	ISO 14040 ISO 14044		
	LCA of ICT systems	ETSI 103 199 ITU-T L.1410		
DATA CENTRE	RESOURCE MANAGEMENT	Information security	ISO 27001	
		KPIs	ETSI EN 305 200-3-1: GobaI KPI _{DCEM}	
			ETSI EN 305 200-2-1: GobaI KPI _{EM}	
			ISO/IEC 30134-6 = EN 50600-4-6: ERF	
			ISO/IEC 30134-3 = EN 50600-4-3: REF	
	ISO/IEC 30134-2 = EN 50600-4-2: PUE			
	Sustainability: Recommended practices	CLC/TR 50600-99-2		
		CLC/TR 50600-99-1 ISO/IEC TR 30133 ITU-T L.1300		
	ICT EQUIPMENT	Storage KPI	ETSI EN ????	
		Servers KPIs	ETSI EN 303 470	
ISO/IEC 21836:SEEM			ISO/IEC 30134-4 = EN 50600-4-4: ITEE _{sv}	ISO/IEC 30134-5 = EN 50600-4-5: ITEU _{sv}
Software	No standards activity for "data centre"-specific software (function or efficiency)			
INFRASTRUCTURE	EN 50600-1 = ISO/IEC TS 22237-1	Availability Classification		
		Telecomms/Network	EN 50600-2-4 = ISO/IEC TS 22237-5	
		Environmental control	EN 50600-2-3 = ISO/IEC TS 22237-4	
	Risk analysis and availability	Power	EN 50600-2-2 = ISO/IEC TS 22237-3	
		Physical security	EN 50600-2-5 = ISO/IEC TS 22237-6	
Construction	EN 50600-2-1 = ISO/IEC TS 22237-2			
		Operational and management information	EN 50600-3-1 = ISO/IEC TS 22237-7	
DESIGN		OPERATION		
		End-of-Life		

ETSI EN 305 174-8

INITIATIVES AND OTHER APPROACHES

GENERAL	EMAS	EU Eco-Management and Audit Scheme		
	Energy and Buildings	Building Energy Modeling Professional Certification (ASHRAE)		
		Building Research Establishment Environmental Assessment Method (BREEAM)		
DATA CENTRE	RESOURCE MANAGEMENT	Green Public Procurement	EU Green Public Procurement (GPP) criteria for Data Centres	
		Green House Gas	GHG Protocol ICT Sector Guidance (WRI, WBCSD, CT etc)	
		Energy efficiency: Best practices	EC DG JRC Code of Conduct (standardised in CLC/TR 50600-99-1)	
	ICT EQUIPMENT	Storage	EC LOT9	
		Servers	EC LOT9	
			UK Government	
	Software	All4Green etc.		
	INFRASTRUCTURE	UPTIME INSTITUTE TIERING	Availability Classification	BICSI 002
		Availability	Telecomms/Network	
	Environmental control		AHSRAE TC9.9	
Power				
Physical security				
Construction				
DESIGN		OPERATION		
		End-of-Life		