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Framework for stepwise climate work with Climate impact KPIs for the operation and management of buildings built before 2020

Åsa
WAHLSTRÖM

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Table. Climate impact Key Performance Indicators (CKPIs) grouped in categories with measurement units. Note that measurement refers to a 12-month period.

Categories & CKPI	Measurement unit and comment
Energy	Energy use
	1 kWh per m ²
	2 kg CO ₂ e per m ²
	Heat power need at dimensioned outside temperature during winter season (DWOT)
	3 W per m ² at DWOT
	The share of locally generated renewable energy and through agreed and allocated "green energy" purchase.
Water and sewerage	4 Share of kWh from solar cells or solar collectors of total energy supply
	5 Share of kWh purchased as "green energy" of total energy supply
	Refrigerant leaks from chillers and heat pumps
	6 kg CO ₂ e per building
	Water use is a climate-impacting resource and therefore both quantity and CO ₂ emissions should be monitored.
	7 m ³ per m ²
Waste	8 kg CO ₂ e per m ²
	Taking care of waste
	9 Kg per m ² and per waste sorting fraction
Construction and installation materials	10 Number of waste-sorting fractions
	New production of construction and installation materials for maintenance and tenant adaptations.
	11 Coverage rate (percentage of recycled goods of total use)
Outdoor environment	12 kg of CO ₂ e per m ²
	Emissions caused by fuel and fuel for tools, machines and transport needed for the operation and management of plots of land.
	13 kg of CO ₂ e per building
Operation and maintenance	The aim is to adapt the existing management system for operations and management.
	14 Operating and maintenance instructions
	15 Rounding schedules
	16 Routines for continuous operation optimization
Management and maintenance	17 Training of operational and management personnel in the climate impact of buildings
	The aim is to adapt the existing management system for management and maintenance.
	18 Routine for managing tenant adaptation, minor conversions and maintenance measures
	19 Climate calculation tools and profitability tools
Users participation	20 Instructions for purchasing and procuring services
	21 Climate labelling of maintenance plan
	22 Design instructions for energy efficiency actions
	The aim is to encourage users to engage in climate work
Legal requirements and DNSH control	23 Information on behavior related to climate
	24 Instructions related to climate
	25 Binding agreements with users
	26 Climate-related legal requirements are met
	Self-monitoring according to environmental legislation in Sweden regarding air quality, radon, thermal comfort, legionella, moisture and mold, pests, noise, disturbing odors, fire, environmental and health-disrupting materials and substances.
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A roadmap for the 2030 Agenda together with the City of Malmö and Malmö-based companies in the construction industry



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