

SMARTNESS ASSESSMENT OF HELLENIC BUILDINGS: A CASE STUDY

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SMART READINESS INDICATOR (SRI) - METHOD

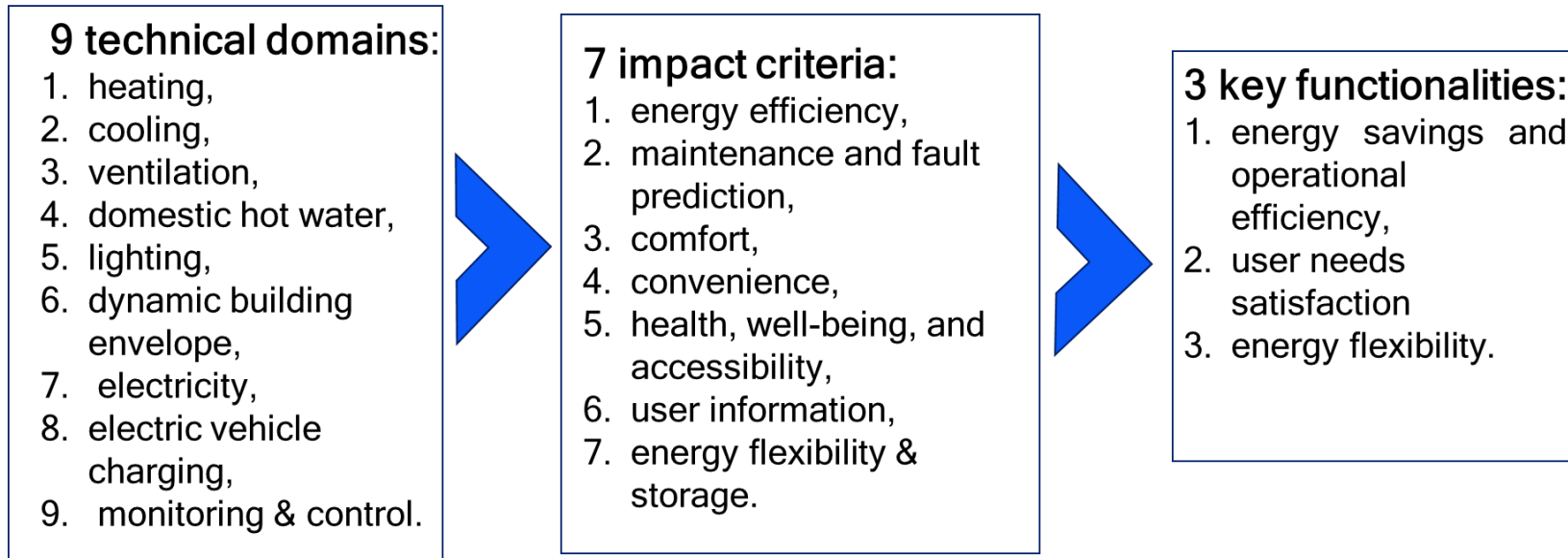
PURPOSE

The Smart Readiness Indicator (SRI) is a European assessment system designed to evaluate building intelligence and its ability to meet energy and human needs through smart technologies (EPBD 2024/1275)

ASSESSMENT METHOD

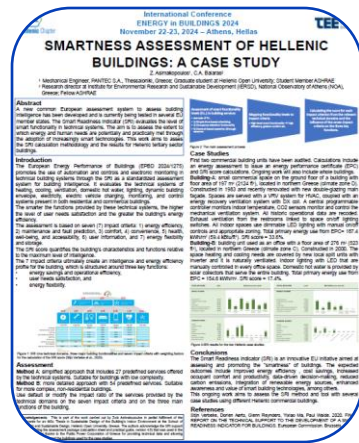
Method A: Simplified (27 services of technical domains) for less complex buildings

Method B: Detailed (54 services of technical domains) for complex buildings



SRI for HELLENIC BUILDINGS

VISIT US



- Audit commercial & office buildings
- Assess the SRI of Hellenic non-residential buildings
- Assess renovation measures

BUILDING	Building type	Construction Year	Building state	Floor area (m ²)	Cooling-Heating System	EPC class	Primary Energy Use (kWh/m ²)	SRI score (%)
Building-A	Store building	1983	Renovated	197	VRF	B	187,4	33,6
Building-B	Office building	2000	Renovated	276	Local Split Units	B+	154,6	17,4

Building-A

Impact Criteria	Value
Energy efficiency	56,4%
Energy flexibility and storage	17,1%
Comfort	60,0%
Convenience	34,8%
Health, well-being and accessibility	53,3%
Maintenance and fault prediction	20,3%
Information to occupants	32,5%

Technical domains	Value
Heating	34,0%
Domestic hot water	0,0%
Cooling	49,8%
Ventilation	61,6%
Lighting	0,0%
Dynamic building envelope	0,0%
Electricity	0,0%
Electric vehicle charging	0,0%
Monitoring and control	26,6%

Building-B

Impact Criteria	Value
Energy efficiency	47,7%
Energy flexibility and storage	9,6%
Comfort	41,1%
Convenience	14,3%
Health, well-being and accessibility	20,0%
Maintenance and fault prediction	0,0%
Information to occupants	0,0%

Technical domains	Value
Heating	34,0%
Domestic hot water	5,3%
Cooling	31,0%
Ventilation	0,0%
Lighting	14,7%
Dynamic building envelope	0,0%
Electricity	0,0%
Electric vehicle charging	0,0%
Monitoring and control	0,0%

