

Smart readiness indicator (SRI)



What is SRI?

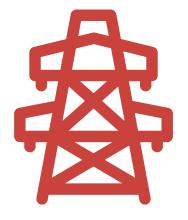
A new EU instrument, which rates the smart readiness of buildings in their capacity to perform 3 key functionalities



Optimise energy efficiency and overall in-use performance



Adapt their operations to the needs of the occupant

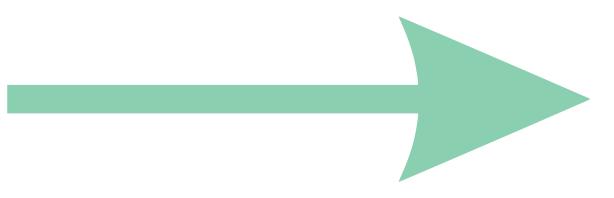


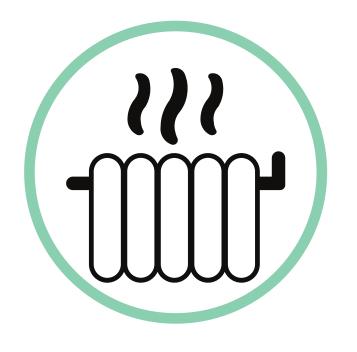
Adapt to signals from the grid (energy flexibility)

What is the service catalogue?

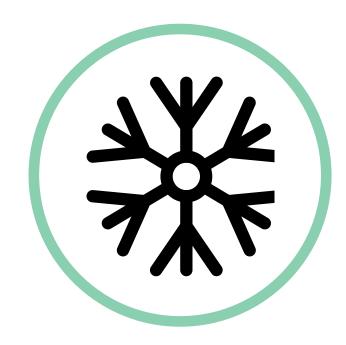
The methodology of calculating the SRI is based on the assessment of 57 smart-ready services that the building could use (the service catalogue).

These services are grouped into 9 technical domains





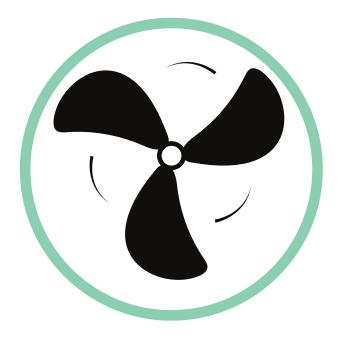




Cooling



Domestic hot water



Ventilation



Lighting



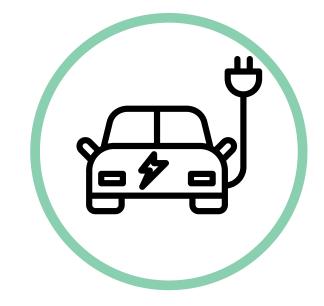
Dynamic building envelope



Electricity

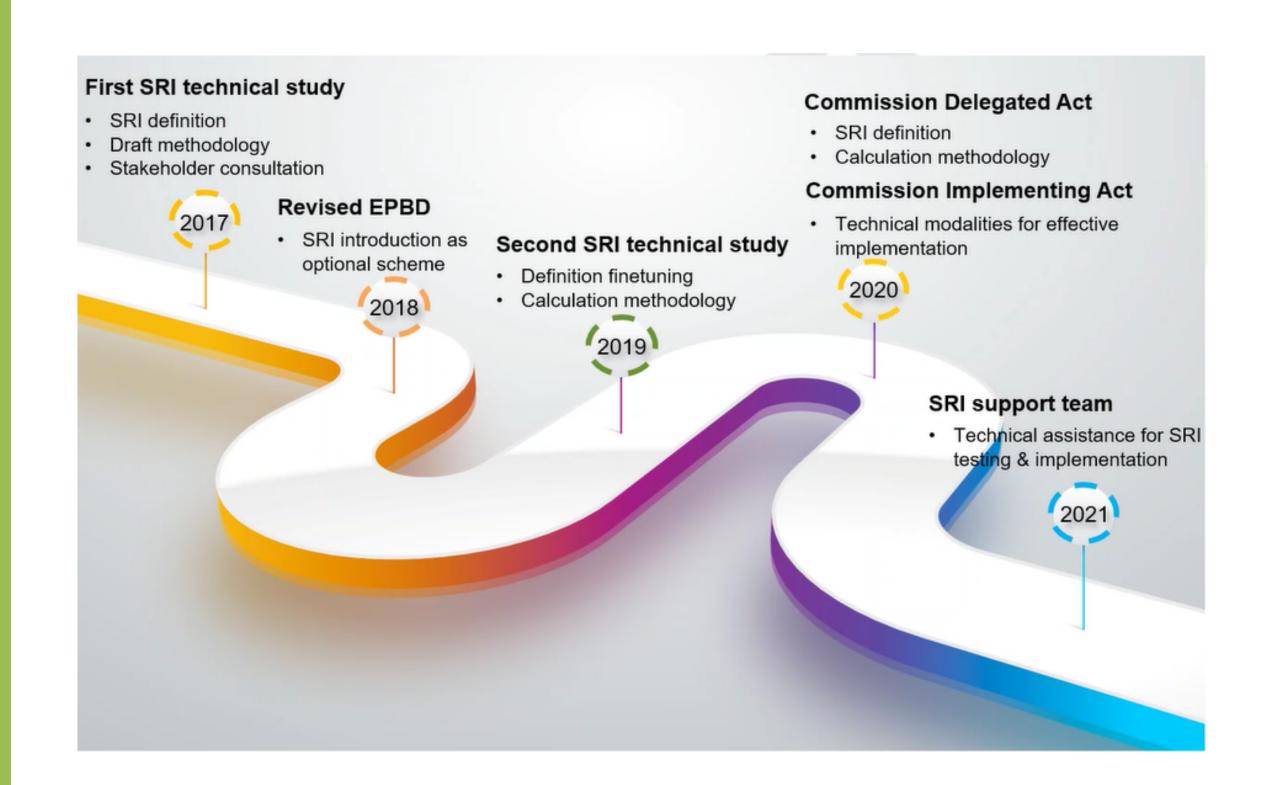


Monitoring & Control



Electric vehicle charging

What is the history of the SRI?



Is implementation of the SRI mandatory for the member states?

Currently, according to the Directive amending the Energy Performance of Buildings (2018/844/EU), it is an optional scheme:
EU countries can freely decide whether or not they want to test and/or implement the SRI scheme.

The initial plan was that the SRI would become mandatory for some types of buildings from 2026, but it might be even sooner.

How to calculate the smart readiness score of a building?

The European Commission established the definition of the SRI and a common methodology by which it is to be calculated.

As part of the SRI-ENACT project, we are working on the adaptation of the methodology to country-specific needs.

Building address:

Building type:

Year of construction:

Date:

Assessor's name:

Achaias 3

7.96%

Non-residential

1990-2010

24-11-2023

Apostolis Arsenopoulos



Total SRI Score: 17.8 %

SRI Class: G

IMPACT SCORES

Energy Efficiency: 28.71%

Energy Flexibility and

Storage:

Comfort: 27.56%

25.71% Convenience:

Health, well-being and 35.29%

accessibility:

Maintenance and fault 12.5%

prediction:

Information to 10.22%

occupants:



DOMAIN SCORES

Heating: 15.15%

Domestic hot water:

Cooling: 20.2%

0%

Ventilation: 9.09%

Lighting: 0%

Dynamic building 0%

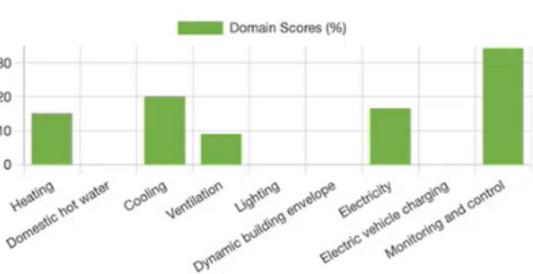
envelope:

16.67% Electricity:

Electric vehicle charging: 0%

Monitoring and 34.34%

control:



DETAILED SCORES

Heating:

Domestic hot water:

Cooling:

Ventilation: Lighting:

Dynamic building envelope:

Electricity:

Electric vehicle charging:

Energy Efficiency:	Energy Flexibility and Storage:	Comfort:	Convenience:	Health, well- being and accessibility:	Maintenance and fault prediction:	Information to occupants:	
33.3 %	0 %	25 %	25 %	66.7 %	0 %	0 %	
0 %	0 %	0 %	0 %	0 %	0 %	0 %	
26.7 %	16.7 %	25 %	25 %	66.7 %	0 %	0 %	
11.1 %	0 %	20 %	25 %	0 %	0 %	0 %	
0 %	0 %	0 %	0 %	0 %	0 %	0 %	
0 %	0 %	0 %	0 %	0 %	0 %	0 %	
33.3 %	0 %	0 %	0 %	0 %	0 %	66.7 %	
0 %	0 %	0 %	25 %	0 %	0 %	0 %	

AGGREGATED SCORES

20.61% 1: 24.7% 2: 3: 7.96%

		Domain So	cores (%)		
			-		
			-		
Heating Jomestic hot wa	er Cooling Ventile	ynamic building e	ovelope actric	nicle charging and	control
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Dor.		whathic bu	Electric	Monito	



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Frequently asked questions