Smart Readiness Indicator
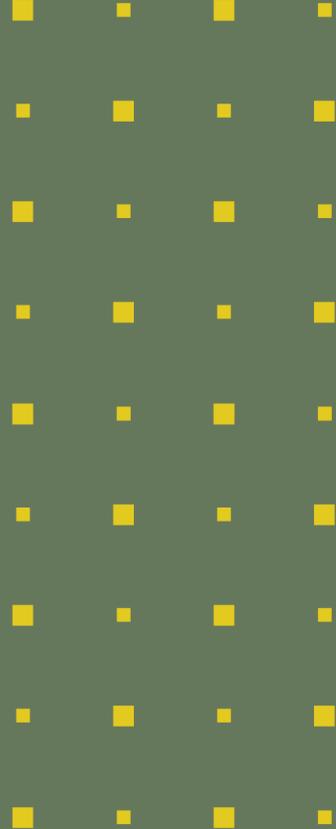
EU projects cluster

EasySRI
SRI2MARKET
SRI-Enact
Smart Square

Smart Readiness Indicator

Europe faces a clear need to accelerate building renovation investments and leverage new smart technologies in the building sector.

Smart buildings are part of a wider move towards ICT-intensive societies. They integrate cutting edge ICT-based solutions to optimise energy-efficiency and enable energy flexibility as part of daily operation.

The SRI rates the capacity of a building to take in smart-ready services. Its score expresses how close the building is to maximum smart readiness.

The SRI was incorporated into the Energy Performance of Buildings Directive (EPBD) as an optional scheme. The instrument is currently being deployed and tested through national test phases and EU-funded projects.

However, SRI schemes are in the early stages of development. It is imperative to develop a common interpretation of the smart capabilities of buildings, thus creating a European database that eliminates subjectivity in the evaluation of their smart readiness.

The LIFE SRI projects cluster

The SRI projects aim to develop complementary tools to enhance the effectiveness of the SRI.
As a cluster, they support policy makers by providing valuable insights and data, fostering informed decision-making in the realm of smart building assessments.

Scan the QR codes to find more information on each project.

Pursuing common goals

The SRI cluster projects aim to collaboratively develop complementary tools, enhancing the effectiveness of Smart Readiness Indicators in assessing building intelligence.

The projects also strive to support policy makers by providing valuable insights and data, fostering informed decision-making in the realm of smart building assessments.

Our joint effort results in more efficient and effective outcomes, ensuring our results complement rather than duplicate each other.

Development of complementary tools

Support to policy makers

Joint workshops with CINEA

Check the complete SRI toolbox at the EC website

easySRI aims to enable a smooth and extendable web platform that offers services for the automated calculation of the SRI according to the Final report on the technical support to the development of a SRI for buildings accomplished under the authority of the European Commission DG Energy ENER. This endeavour will act as a basis for an effective implementation of the SRI and allow further testing at Member State level. easySRI aims at introducing additional parameters that address energy efficiency and financial dimensions in view of making the acquired information more understandable and quantitative for the user of the building as well as support the implementation of machine-learning services.

How?

Delivering a modular customisable web platform

> for SRI implementation for buildings, based on the SRI methodology

Enhancing SRI assessments

> by making them more user-friendly and effective

Supporting machine-learning based services

> which provide recommendations for performance and smartness upgrade.

Get in touch

Dimosthenis Ioannidis

djoannid@iti.gr

SRI2MARKET

As Member States look to apply SRI, regional contrasts in regulation and markets hinder the roll out and stress disparities.

The SRI2MARKET project will use lessons learned by countries well advanced in rolling out the SRI to encourage and inspire action among late movers.

How?

Setting up national campaigns

› Consulting national stakeholders

› Adapting the SRI calculation to national specificities

› Providing recommendations for policy makers and building owners

› Designing public funding schemes

› Exploring alternative paths to SRI certification

Developing a SRI assessment tool

› Enhancing the SRI calculation

› Running pilot cases to test the tool

› Training assessors

› Linking with Energy Performance Certificates

Get in touch

Dimitris Athanasiou
dimitris@ieecp.org

The Smart Square Project (Smart Tools for Smart Buildings: Enhancing the intelligence of buildings in Europe), aims to revolutionize building intelligence assessment in Europe, by providing a cloud-based platform, available in all 24 EU languages, for building assessment using the SRI. Smart Square will identify cost-effective smart upgrades, develop SRI audit processes, and deliver a CEN workshop on SRI on site audits. It also includes capacity building and aims to conduct 10,000 SRI ratings, fostering SRI adoption even beyond the project's completion, making it a game changer in smart building assessment.

How?

Development of a Smart Square Tool

> Cloud-based and available in all EU official languages

Financial Assessment of Smartness Upgrade

> Identification of financial performance

> Cost-optimal smartness upgrades

SRI on-site Audits

> Procedure and alignment with CEN standards

Capacity building and support

> SRI call center. virtual training center, FAQ tool

> Observatory for SRI development

> SRI days

> Smart-ready communities

Get in touch

Dr. Panayiotis Philimis

p.philimis@cyric.eu

SRI-ENACT aims to establish an SRI driven energy efficiency building assessment and improvement approach by introducing new tools and services that calculate the SRI and tailor it to specific particularities in different countries across EU.

SRI-ENACT will also release a set of best practices and policy recommendations to facilitate SRI adoption from stakeholders at large scale.

How?

Stakeholder engagement

› The project engages stakeholders at the national and EU levels in a co-creation process for the design of the SRI approach

Toolkit

› SRI-ENACT develops a web-based toolkit implementing the proposed SRI driven methodology

Pilot assessment

› SRI-ENACT trains 120 auditors who will assess 1,200 buildings across 8 EU Pilot Countries

Financing schemes

› The project explores and develops concepts for the financing of building smartness upgrades

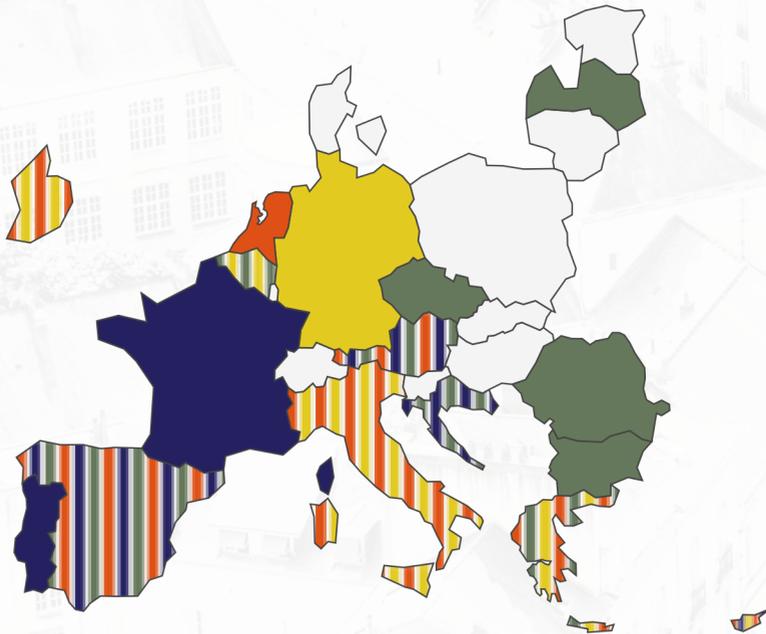## Get in touch

Stamatia Rizou
srizou@singularlogic.eu

SRI projects in Europe

The pilots of the SRI cluster cover
15 EU countries - and more can be
engaged in future activities.

EasySRI   SRI2MARKET   Smart Square   SRI-Enact

15 Countries supported

8 Tools developed

3000 Assessors trained

2400 Assessments performed

140 Workshops organised

9000 Stakeholders engaged

22 Policy recommendations documents

EasySRI
Dimosthenis Ioannidis
djoannid@iti.gr

SRI2MARKET
Dimitris Athanasiou
dimitris@ieecp.org

Smart Square
Dr. Panayiotis Philimis
p.philimis@cyric.eu

SRI-Enact
Stamatia Rizou
srizou@singularlogic.eu