Smart Built4EU
The European Smart Buildings Community

Presentations & debate with audience: future perspectives for smart buildings in Europe

Ulrike Nuscheler, Senior Project Adviser, CINEA

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 956936.

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Policy & innovation recommendations

Maarten De Groote, VITO / EnergyVille

Smart Buildings in Europe, SmartBuilt4EU final conference
23rd of March 2023

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190 experts

4 Task Forces

- Interactions with users
- Efficient building operation
- Interactions with the external environment
- Crosscutting issues

12 White Papers

SRIA for Smart Buildings

Policy Recommendations

SRIA objective is to trigger impact

- Better buildings for inhabitants and users
- Demonstrate improved performance, feasibility, and reliability of smart building products and services
- Data availability and open data exchange amongst stakeholders
- Accelerate the technological development process
- New opportunities for EU businesses, including SMEs

The Strategic Research & Innovation Agenda for smart buildings

10 priorities – covering 40 key actions – for EU to support research, innovation and market uptake in the field of smart buildings

PRIO2: Standards and Business Models for connecting Smart Buildings to the External Environment

1

Harmonised definition of roles and responsibilities for actors involved in energy flexibility

(aiming at TRL 8)

2

Regulation for flexibility market

3

Development of a flexibility certification scheme at EU level

(aiming at TRL 8)

4

End users as new and valuable partner in the energy flexibility ecosystem of the future

(aiming at TRL 4-6)

5

Interoperable data exchange environment to provide power flexibility to the grid

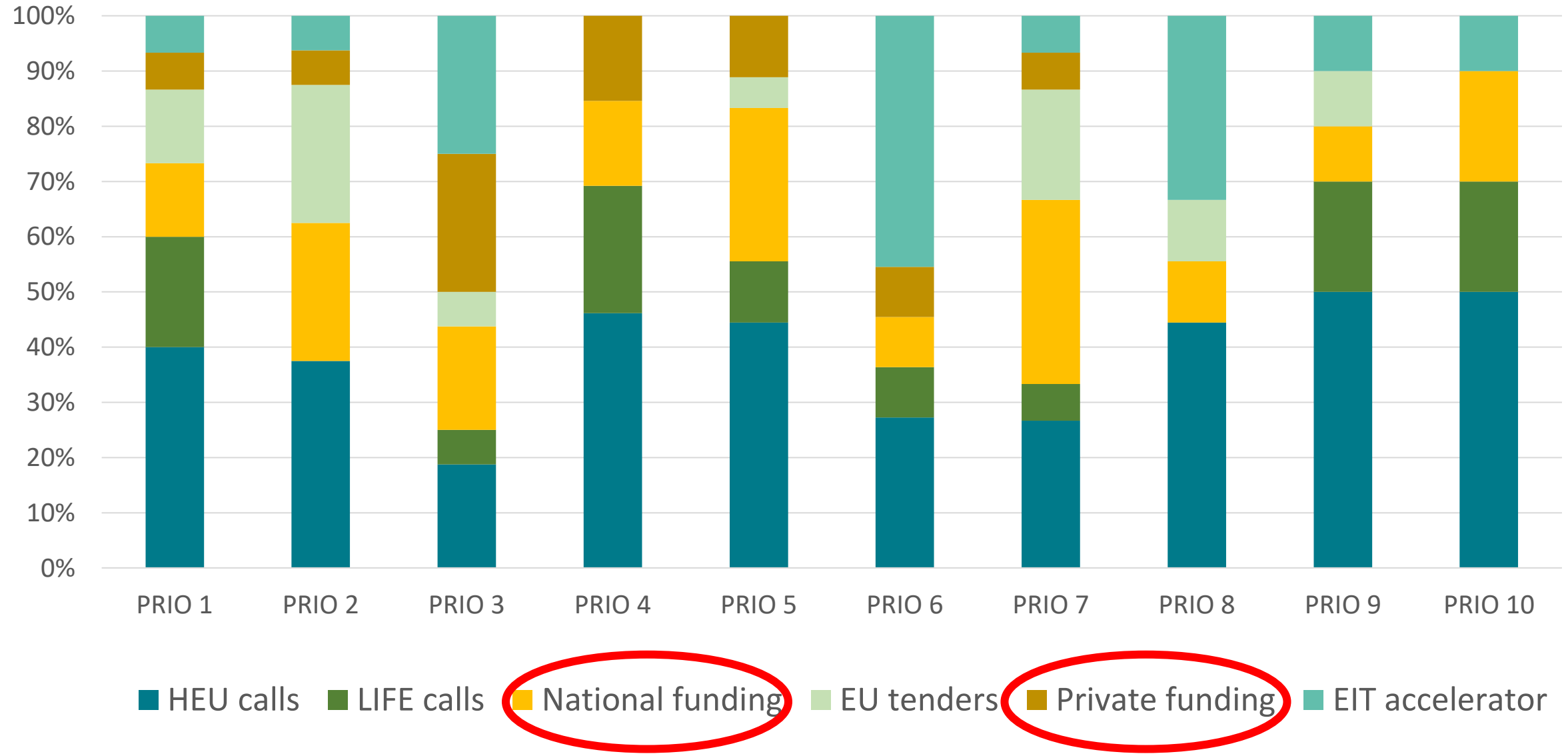
(aiming at TRL 4-6)

6

“Ready to service” and “ready to grid” buildings

(aiming at TRL 6)

Potential funding of SRIA actions through EU initiatives



Policy recommendations – overview of topics covered

1. Smart buildings data governance
2. Open data culture/framework
3. MS-level regulation supporting the smartening of the building stock
4. Regulatory sandboxes
5. Labelling of devices and building certification
6. Dynamic building certificates (e.g. logbook)
7. SRI implementation support
8. Interoperability of smart solutions and flexibility of smart buildings
9. (Green) public procurement
10. Upskilling

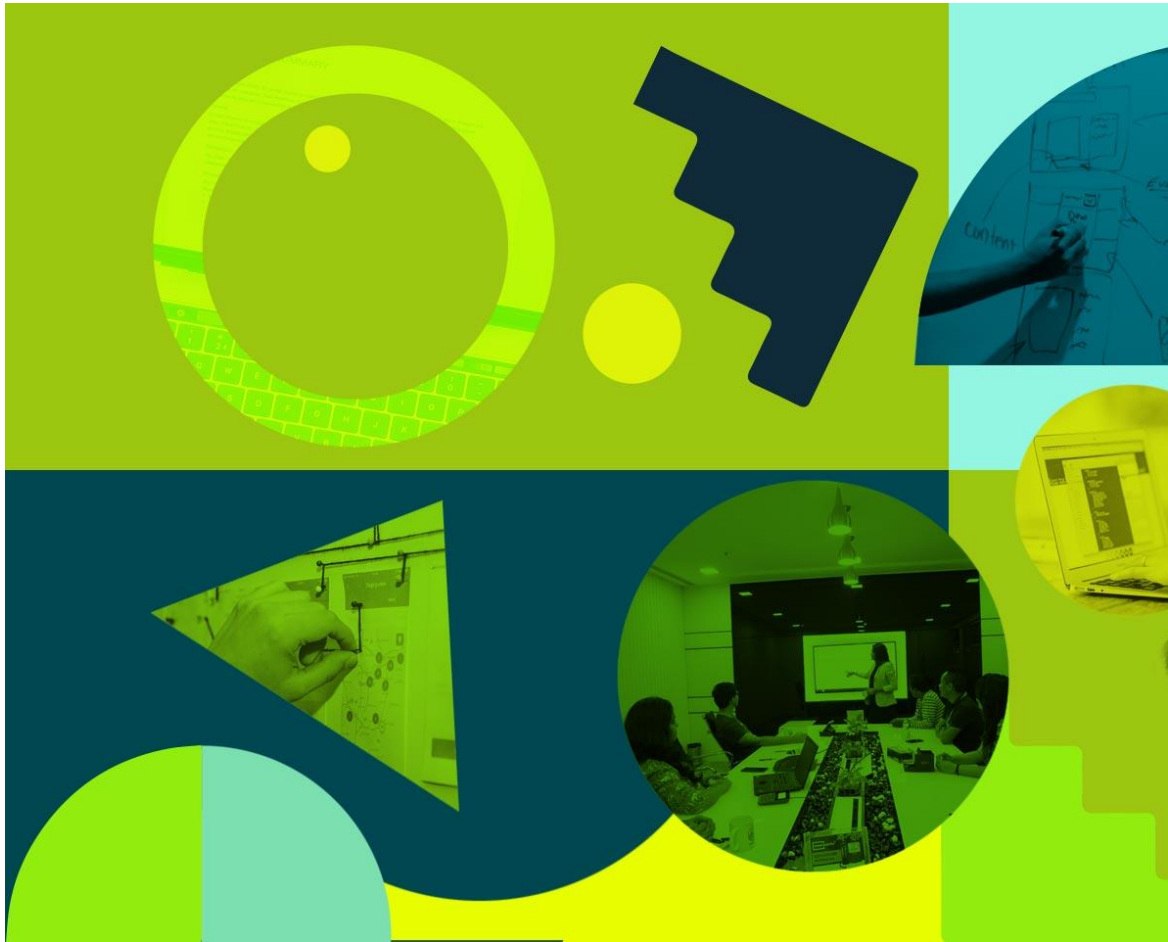
PR10: Support upskilling related to digitalisation, cybersecurity, open standards, LCA and performance-based approaches, relying on closer academic/industrial cooperation

1

Action 10.1 Improve transparency and efficiency of higher education and vocational education training related to smart buildings

2

Action 10.2 Make continuous training compulsory (e.g. through training clauses in public procurement) and accessible for SMEs, and monitor implementation through government bodies



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Thank you…

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The Smart Buildings community

What's next? Future of the SmartBuilt4EU Smart Buildings Innovation Community & future Smart Buildings activities

Régis Decorme, R2M Solution

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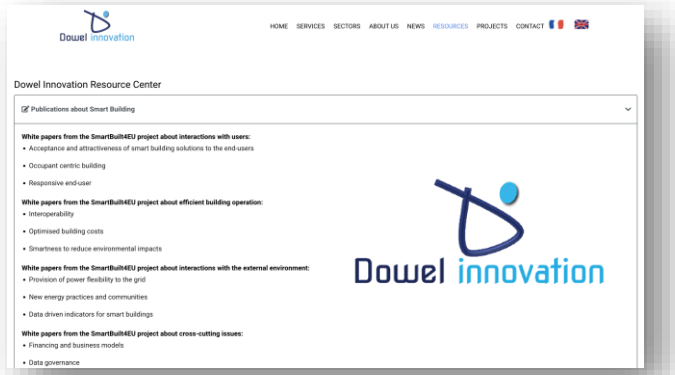
Sustainability of SmartBuilt4EU key results

Our 12 SB4EU White Papers written by 4 Task Forces

ECTP Website

DOWEL website



BUILD UP portal

PANTERA Platform

Zenodo & OpenAire

Sustainability of SmartBuilt4EU key results

Brochures of Smart Building projects and innovations

ECTP Website

Construction 21
BUILD UP
portals

Sustainability of SmartBuilt4EU key results

SRIA and Policy recommendations

ECTP Website

BUILD UP portal

Dowel website

Energieville website

14

Sustainability of SmartBuilt4EU key results

SRI factsheets, co-benefits & KPIs

EURAC website

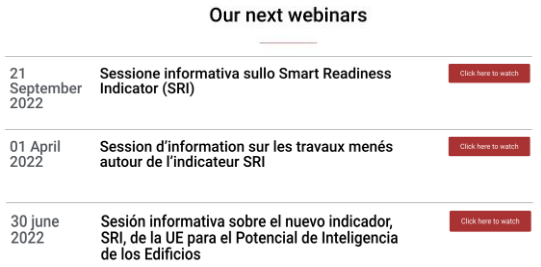
ECTP Website

BUILD UP portal

Sustainability of SmartBuilt4EU key results

SRI Awareness sessions

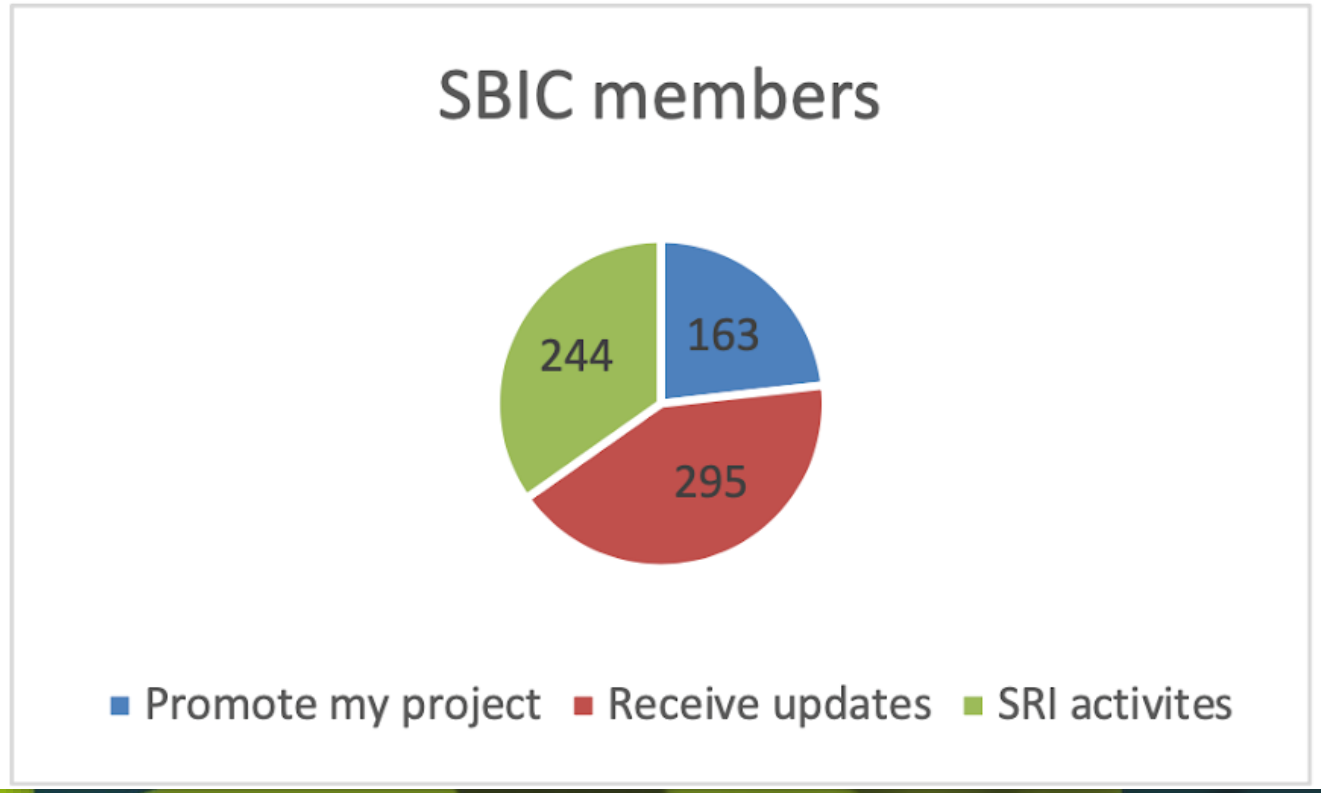
R2M Online Academy



ECTP Website

ECTP
INNOVATIVE BUILT ENVIRONMENT

SBIC members: expectations



I would like to: · Edit

Checkboxes · Delete

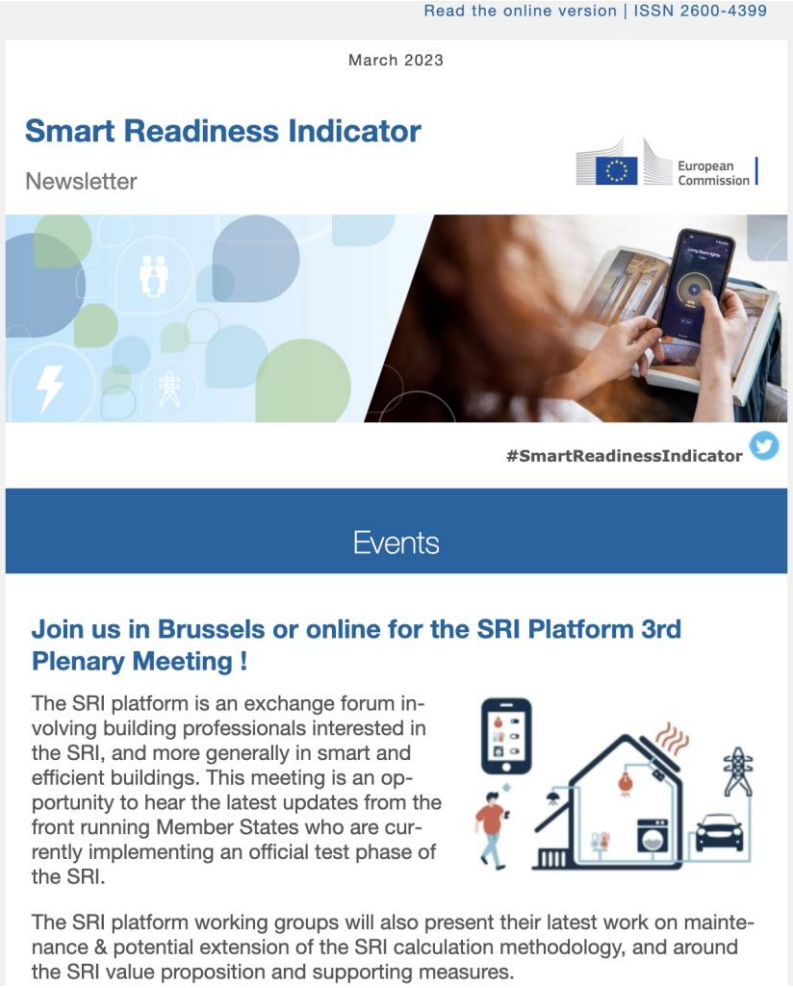
promote my project via SmartBuilt4EU's activities (workshops, webinars, brochures, success stories)
· Edit
163 contacts

receive the semestrial SmartBuilt4EU newsletter and "save the dates" regarding the project's events
· Edit
295 contacts

benefit from / contribute to SmartBuilt4EU's activities on the Smart Readiness Indicator
· Edit
244 contacts

How do I stay updated with … **SRI**

Official EC SRI newsletter
1200+ subscribers


Read the online version | ISSN 2600-4399

March 2023

Smart Readiness Indicator

Newsletter

European Commission

#SmartReadinessIndicator

Events

Join us in Brussels or online for the SRI Platform 3rd Plenary Meeting !

The SRI platform is an exchange forum involving building professionals interested in the SRI, and more generally in smart and efficient buildings. This meeting is an opportunity to hear the latest updates from the front running Member States who are currently implementing an official test phase of the SRI.

The SRI platform working groups will also present their latest work on maintenance & potential extension of the SRI calculation methodology, and around the SRI value proposition and supporting measures.

LIFE-CET SRI projects
Stakeholders' communities

SRI-ENACT
Co-creating Tools and Services for Smart Readiness Indicator Uptake

SRI2MARKET

SMART2
ENHANCING THE INTELLIGENCE OF BUILDINGS IN EUROPE

easy SRI

How do I stay updated with … **Smart Buildings R&I**

Built4People

Stakeholder Forum

DIGITAL BUILT ENVIRONMENT
AN ECTP COMMITTEE

Stay tuned

- An email will be sent to all SBIC members with all relevant resources and links

Smart Built4EU

Dear SBIC members,

The SmartBuilt4EU project is coming to an end! We thank you very much for your active involvement, and would like to invite you to join the communities of other related initiatives. Please select your topics of interest in the list below, and we will forward to the relevant contacts - in compliance with GDPR rules.

Would you like to receive news from: *

- ☐ easySRI, a LIFE project developing a web platform for the automated calculation of SRI
- ☐ SRI-ENACT, a LIFE project developing SRI tools and services that will train 120 SRI auditors to assess 1.200 buildings across 8 E.U. countries.
- ☐ SRI2Market, a LIFE project that gathers lessons learnt and supports the implementation of SRI in Austria, Croatia, Cyprus, France, Portugal, and Spain.
- ☐ Smart², a LIFE project that develops an open platform to identify cost-effective smart building improvements, an SRI observatory and an SRI audit process
- ☐ The Built4People Partnership of Horizon Europe and the related funding opportunities
- ☐ The Smart Readiness Indicator Platform, that promotes the SRI and related best practices and acts as an exchange forum involving all stakeholders interested in the SRI

Please fill in you contact information

Your first name *

Your last name *

You email address *

email@example.com

Registrant's consent *

☐ I agree to be contacted regarding my registration and I agree to the SmartBuilt4EU privacy policy

Submit

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Concluding remarks

Sylvain ROBERT, Project Advisor, CINEA
Alain ZARLI, ECTP Secretary General, Project Coordinator

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SP2023: session on smart buildings / post-SB4EU

- Organisation & moderation of a dedicated track: **Smart Buildings, including the Smart Readiness Indicator & Digital Building Logbooks** (15 or 16 June)

- Co-organised with the LIFE-CET-SRI projects:
  - some of the latest Horizon Europe funded projects will be invited to pitch
  - Final information about the key SmartBuilt4EU outcomes (brochures of project & innovations, SRIA, policy recommendations)

SAVE THE DATE!!

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Thank you very much for your attendance!!

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