

Smart² - Research Project Fact Sheet

Title of Project	Smart Tools for Smart Buildings: Enhancing the intelligence of buildings in Europe - completed	
Project Acronym	Smart ²	
Funding Program	LIFE Clean Energy Transition (CET)	
Project Identifier	LIFE-2021-CET-SMARTREADY	
Total Budget/EUT Budget	2047124 € / 273920 €	
Starting – Ending Date	10/2022-09/2025	
Consortium	1. CyRIC Ltd (CY) 2. R2M Solutions SRL (IT) 3. REHVA (BE) 4. IsZEB (GR) 5. Asociatia De Standardizare Din Romania (RO) 6. Cleopa GmbH (DE) 7. Arcadis Italia SRL (IT) 8. AI BrainBox EU (IE) 9. Euphyia Tech Ltd (CY) 10. Fondatsiya Tsentral Za Energiyna Efektivnost - Enefekt (BG)	
Project Objectives	<p>The project Smart Tools for Smart Buildings: Enhancing the intelligence of buildings in Europe (Smart²), aims to develop and deliver the appropriate tools and applications, which will enable the promotion and establishment of intelligence assessment of buildings in Europe, through buildings Smart Readiness Indicator (SRI) scheme. Smart² aspires to deliver a cloud based open platform for assessing the intelligence of buildings, tailored for building designers, facility managers and building users. Smart Square tool will be available in all 24 EU official languages, considering as well the specificities of the Member States, with a view to maximize synergies with other EU initiatives. Within Smart², the Rate of Return of smart readiness improvements of buildings will be identified, on the grounds of existing CEN standards, enabling in this way the definition of smartness cost optimal building upgrades, as well as laying the grounds for the development and establishment of cost optimal SRI minimum requirements for new buildings. As part of the project, an SRI audit process will also be developed, with related protocols and procedures, with the aim to act as the fore-runner of a standardized procedure. Smart² will also enable the smartness assessment of buildings with the use of real time data, based on the in-use assessment method, focusing on interoperability gaps and cybersecurity aspects.</p>	
Work Packages	WP1 Collecting the information for bridging the gap between SRI and EU citizens WP2 Rolling out ICT and smart ready technologies for Smarter SRIs WP3 Design and development of Smart ² platform WP4 Combining energy efficiency with smartness upgrade: The SRI Audit Procedure WP5 Untapping the EU market uptake of the SRI WP6 Sustainability, replication, and exploitation of project results WP7 Project Management	
External References	https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE21-CET-SMARTREADY-SMART-SQUARE-101077241/smart-tools-for-smart-buildings-enhancing-the-intelligence-of-buildings-in-europe https://www.smartsquare-project.eu	
Role in the Project	Scientific and Technical Manager	