



SRI-ENACT

Co-creating Tools and Services
for Smart Readiness Indicator Uptake

Module 2: Policy framework and national context for SRI

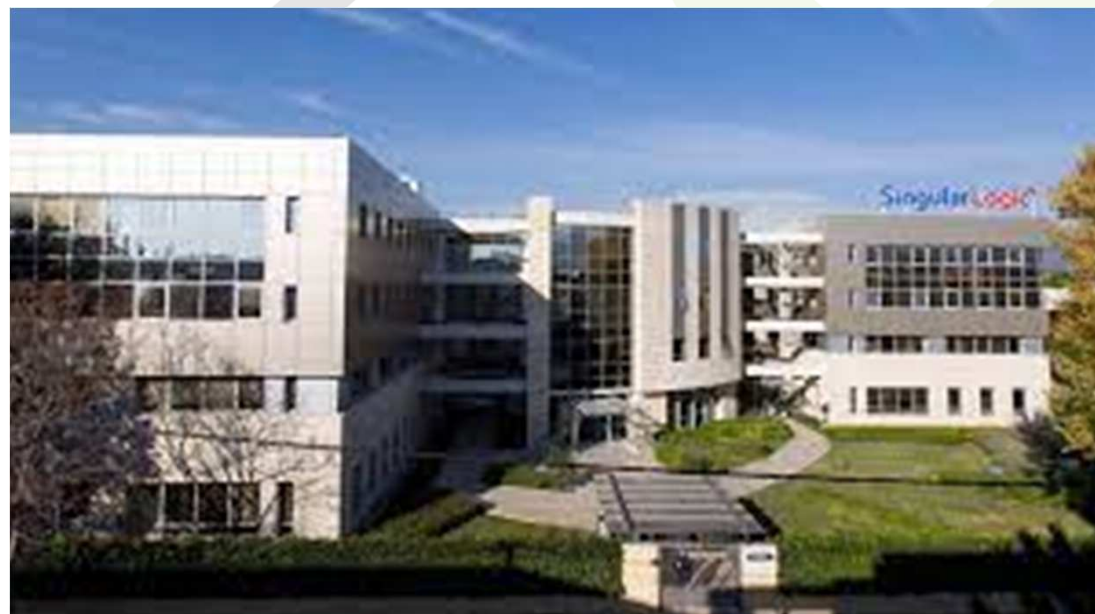
SRI-ENACT pre-pilot insights



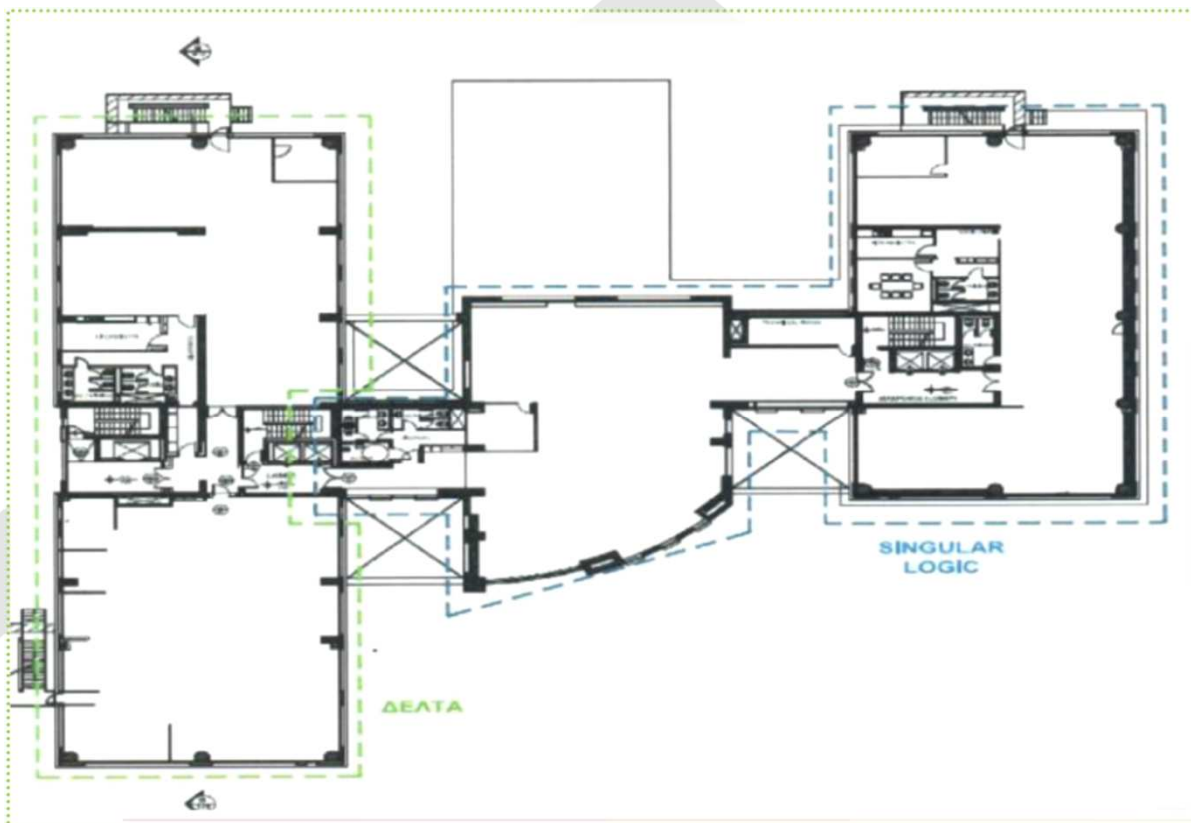
The LIFE21-CET-SMARTREADY-SRI-ENACT project has received funding from the European Union's LIFE Programme under grant agreement N°101077201

SingularLogic Headquarters

- Address: 3, Achaïas str. & Trizinias | 14564, Kifissia | Attica-Greece
- Total surface: <3,000 m^2
- 5 Levels
- Year of Construction: 2007
- Employees: ~250



Typical Floor



Open Space offices



Main Building Technical Systems

Key Characteristics

- Heating: Oil
- Cooling: Cooling Facility
- Ventilation: Air handling unit
- Building Management System: Enables scheduling/controlling heating/cooling; monitoring lighting/temperature
- Electricity: Monitoring of Energy Consumption (smart meters)
- Electric Vehicle Charging: Present in parking without smart meter

Oil Heating Boilers 400.000 kcal/h



Distributors



Heating and cooling distributed via fan coils and via air flow via ceiling vents



Cooling Facility 225KW



Air handling unit



Energy Consumption Monitoring (70 smart meters)



40 smart meters

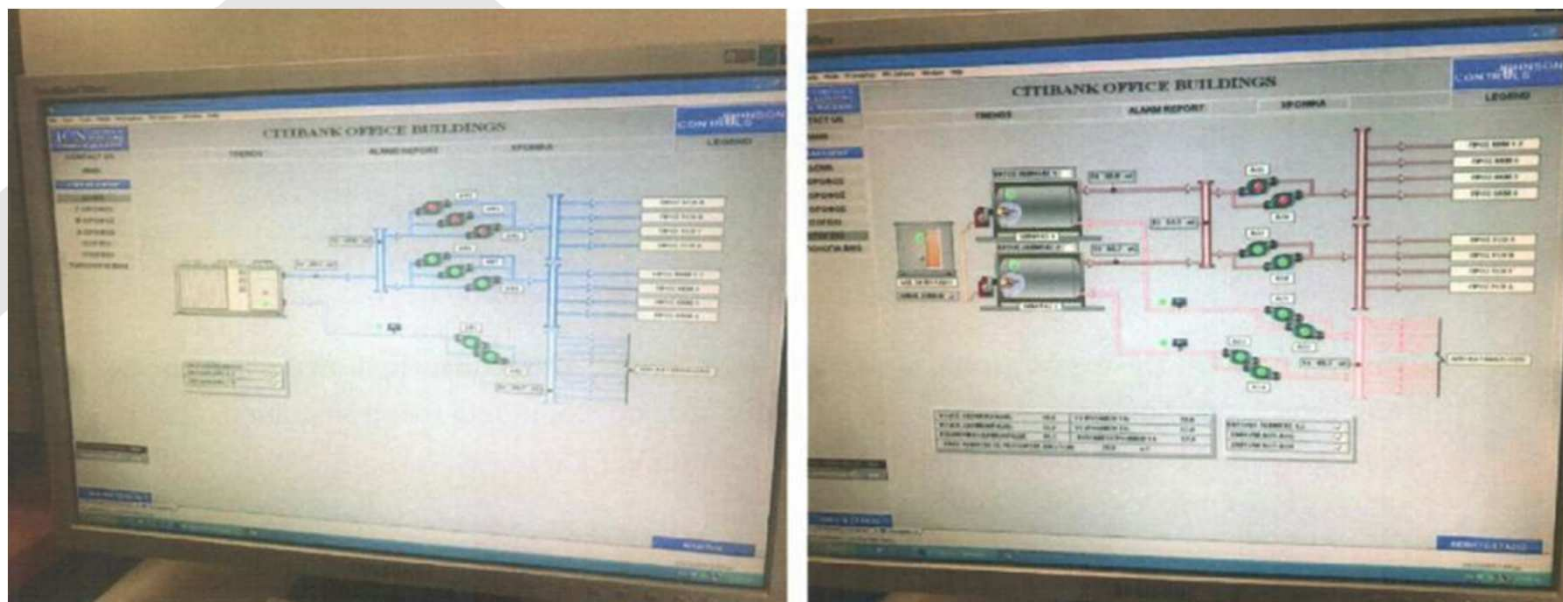


UPS ROOM – 31 smart Meters

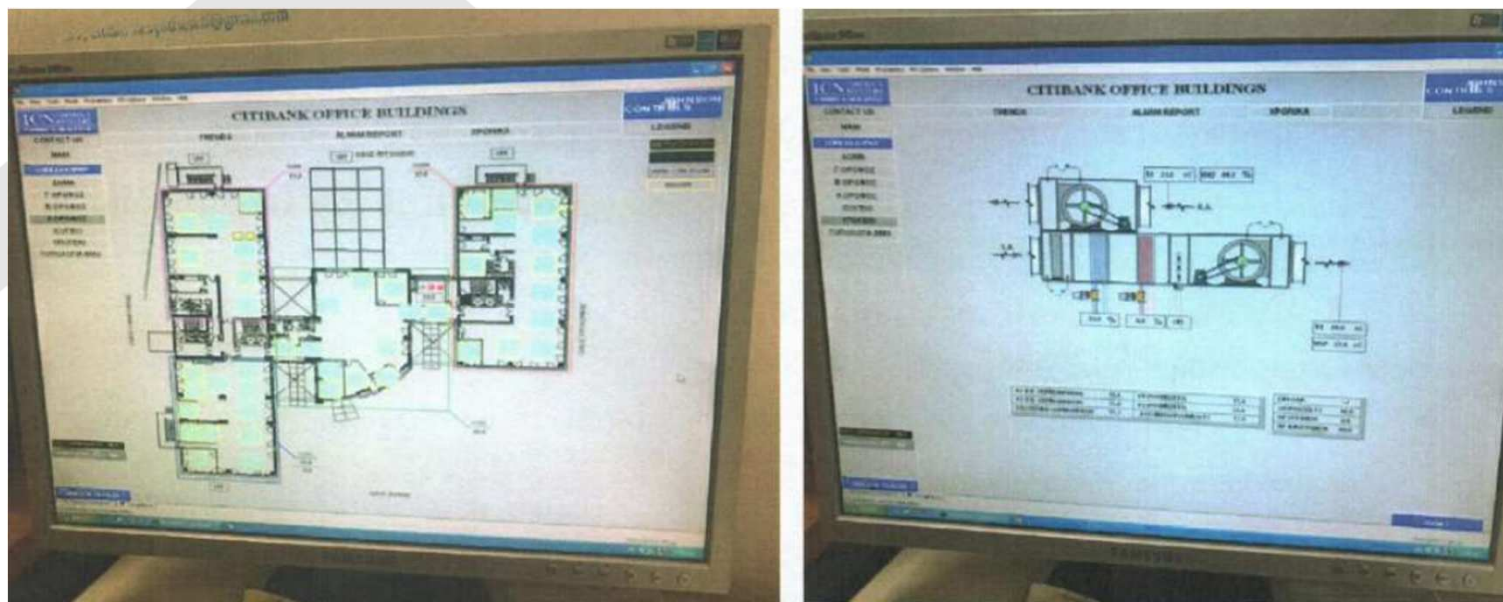


 senseone

Building Monitoring System Cooling - Heating



Building Monitoring System Lighting





SRI-ENACT

Co-creating Tools and Services
for Smart Readiness Indicator Uptake

Tips & Takeaways



The LIFE21-CET-SMARTREADY-SRI-ENACT project has received funding from the European Union's LIFE Programme under grant agreement N°101077201

Tips for successful SRI assessments

Understand the characteristics of the assessed building

- Latest EPC certificate could be used to elicit key information (even before the on-site visit)
- Make sure that the **facility manager** and ideally the **maintenance person** are both available during the on-site visit to answer the questions required
- SRI assessment is a time-consuming process (especially in case Method B is used) so make sure that there is **enough time available (> 3-4 hours)** for both the **assessor** and the **facility manager** (and maintenance person) to perform the assessment

Understanding smart-ready services

- Thorough reading of the smart-ready services for **in-depth understanding** before on-site visits
- Identification of the **present domains** and **smart-ready services** is highly important in the building under examination
- Domains that are absent in the building under examination but necessary according to the domestic legislation, should be identified and considered in the analysis
- Try to elicit and put together a list of “**smart**” **questions** that need to be answered upon assessing each domain to facilitate present smart-ready services (see example below)
 - a. Does the building have heat pumps? If no, then the smart-ready service “Heat generator control (for heat pumps)” included in the “Heating” domain, is immediately excluded from the rest of the analysis
 - b. Are any RES installed in the building? If no, then smart-ready services “Reporting information regarding local electricity generation” and “Storage of locally generated electricity” are excluded from the analysis

Understanding smart-ready services

- Identification of the smart-ready services that refer to the **generation level** and the ones that are focused on the **end user**
- “Heating” and “Cooling” domains are pretty much alike in terms of included smart-ready services, so it would be helpful to examine them jointly
- “Electricity” domain includes smart-ready services related to both electricity generation through RES and consumption, so make sure to identify the difference
- Keep in mind that a smart-ready service may be present only in a part of the building, which should be written down accordingly



SRI-ENACT

Co-creating Tools and Services
for Smart Readiness Indicator Uptake



<https://srienact.eu>

<https://www.srienact-tool.eu>



The LIFE21-CET-SMARTREADY-SRI-ENACT project has received funding from the European Union's LIFE Programme under grant agreement N°101077201