

# Course : Smart Building regulations

*Synthesis course - 1d - 7h00 - Ref. SMJ*  
*Price : 990 CHF E.T.*

This comprehensive course will introduce you to current French and European smart building regulations, reference frameworks and labels. You'll be able to grasp all the issues at stake and their importance in the smart building concept.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understand the definitions and characteristics of intelligent buildings
- ✓ Identifying smart building players
- ✓ Understand the French and European regulatory context

## Intended audience

Public and private project owners, local authorities, property developers and social landlords. BIM managers. Anyone involved in a smart building project.

## Prerequisites

No special knowledge required.

## Practical details

### Group discussion

Work on comparing different approaches.

### Teaching methods

Active teaching.

## Course schedule

### 1 The smart building

- Review of definitions, specific vocabulary and acronyms.
- Define the challenges and regulatory context of smart building.
- Discover smart building professions and the skills required.

### Demonstration

The speaker establishes the smart building framework.

### PARTICIPANTS

Public and private project owners, local authorities, property developers and social landlords. BIM managers. Anyone involved in a smart building project.

### PREREQUISITES

No special knowledge required.

### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## 2 French and European regulations in force

- The goal of carbon neutrality in 2050.
- RE2020 and smart building.
- The Tertiary Eco-Energy Decree, the BACS Decree, the Thermostat Decree.
- The ELAN law, the ESSOC law, RGPD, accessibility, mobility...
- European Directive 2010/31/EU.
- Smart Readiness Indicator (SRI), Digital Services Act (DSA).

### Demonstration

The speaker presents all the regulations and discusses them with participants.

## 3 Smart building labels

- Distinguish between regulations, standards, frames of reference and labels.
- Ready2Services(R2S) for the commercial sector and R2S for the residential sector.
- The NF Habitat connected building section.
- The GOFLEX energy flexibility index.
- The WiredScore label (tertiary and residential), the SmartScore label and other smart building labels.

### Group discussion

Discussions between participants and speaker.

## 4 Understanding the BACS decree

- The buildings concerned.
- The obligations and objectives of the BACS decree, followed by an example of deployment.
- Budgetary implications and financing of the decree.

### Storyboarding workshops

Group work and reflection on future developments and regulations.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

## Dates and locations

### REMOTE CLASS

2026 : 28 May, 20 Oct., 8 Dec.