



COMUNITÀ MONTANA ZONA DEL MATESE

GREEN COMMUNITY

“Matese Green & Smart: Innovazione, Partecipazione e Sostenibilità”

INTERVENTO N. 5

“Matese Building Lab”

Course Abstract

Rating Systems

This e-learning course provides a practical introduction to **rating systems for sustainable buildings**, explaining how they translate broad sustainability goals into measurable, comparable and communicable criteria. The course clarifies that a rating system is not a decorative label or a substitute for design quality, but a structured method for assessing buildings through categories, requirements, evidence, scores and performance levels.

Across eight teaching units, learners are guided through the main international and national protocols, including **LEED, BREEAM, WELL and Protocollo ITACA**, with attention to their different purposes, fields of application and operational implications. The course shows how each protocol may be more or less appropriate depending on the type of building, the project objectives, the available resources, the need for formal certification or the use of simplified self-assessment tools.

The course then examines the structure of rating systems: categories, prerequisites, credits, scoring methods, final levels and documentary evidence. Learners will understand how these elements help transform general statements such as “sustainable building” into a verifiable framework based on technical reports, calculations, material sheets, site records, management plans and as-built documentation.

Particular attention is paid to the main assessment areas: energy, water, materials, soil and site, waste, life cycle, health, comfort, indoor environmental quality and user wellbeing. The course highlights that a sustainable building cannot be evaluated only through energy consumption, but must also be considered as a place for living, learning, working and social interaction.

The teaching approach is strongly operational. The course explains why the choice of a protocol should be made from the concept stage, when objectives, budget, roles and documentation are still

flexible, and how rating systems can support public projects without replacing mandatory regulations, Minimum Environmental Criteria or Minimum Requirements.

By the end of the course, participants will be able to understand the role of rating systems in sustainable construction, distinguish between formal certification and guided self-assessment, select criteria proportionate to the building and project scale, and use rating-based matrices, checklists and evidence repositories as practical tools for local improvement. The course is especially relevant for public officers, designers, technical staff, construction companies, schools, tourism operators and local stakeholders involved in sustainable building assessment and territorial development.