



Marzia Colonna | Secretary  
[segreteria@prosiel.it](mailto:segreteria@prosiel.it)

# Prosiel Profile

Who we are, what we do, and why it matters

# Members

## Today, Prosiel brings together:

Manufacturers of electrical equipment and systems, Electricity producers and service providers, Distributors of electrical materials, Electrical system designers, Installation companies, Standardization and certification bodies and Consumer representatives



**ADICONSUM**  
Consumer protection and advocacy organization



**ANACI**  
National association of condominium and property managers



**ANIE**  
Federation of electrotechnical and electronic companies



**ARAME**  
Association of electrical materials agents and representatives



**CEI**  
National authority for electrotechnical, electronic, and telecom standards



**CNI**  
National representative body of engineers



**CNPI**  
National council of industrial and graduate industrial experts



**Confartigianato Eletttricisti**  
Association of small electrical installation businesses



**ENEL SpA**  
Global energy company



**IMQ**  
Leading certification body for electrical, electronic, and gas sectors



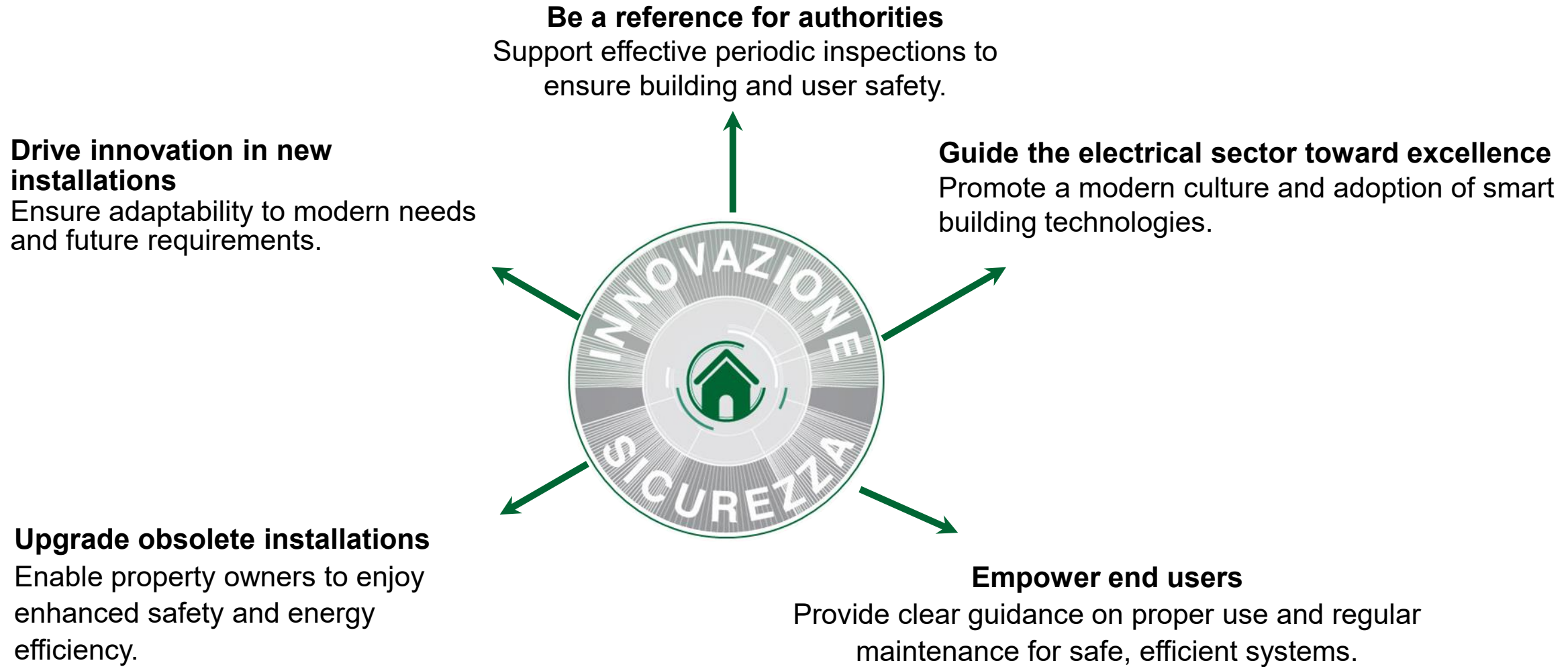
**UNAE**  
Promotes quality and training in electrical installations



**UTILITALIA**  
Federation of public utilities in environment, energy, gas, and water



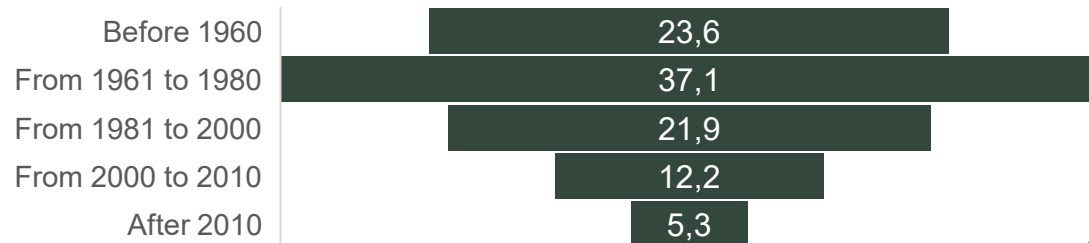
**UNIMPRESA impianti e nuove tecnologie**  
Represents plant engineering and construction professionals



# The context: italian dwellings

A survey of 1,000 Italian households examined awareness, current electrical systems, and future needs. The results were extrapolated to **26.4 million households** (ISTAT). The sample reflects the **occupied housing stock (24.6M dwellings)**, making it well suited to capture changes since the **2011 Census**, the most recent detailed source on Italian homes.

## Households by construction era



## ISTAT Census 2011

|                   |       |
|-------------------|-------|
| Before 1960       | 32,7% |
| From 1961 to 1980 | 38,7% |
| From 1981 to 2000 | 20,4% |
| From 2000 to 2010 | 8,1%  |
| After 2010        | 0,0%  |

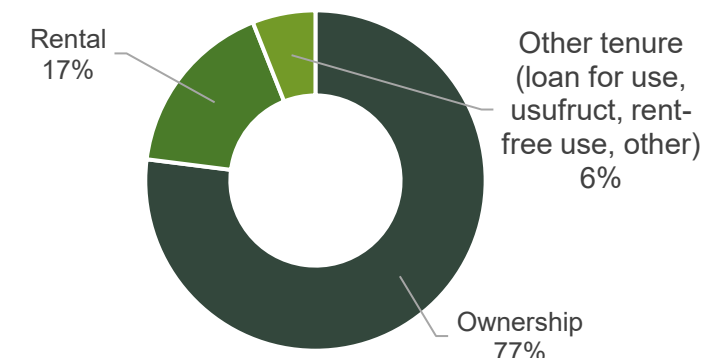
## Households by Type of Residential Building



## ISTAT Census 2011

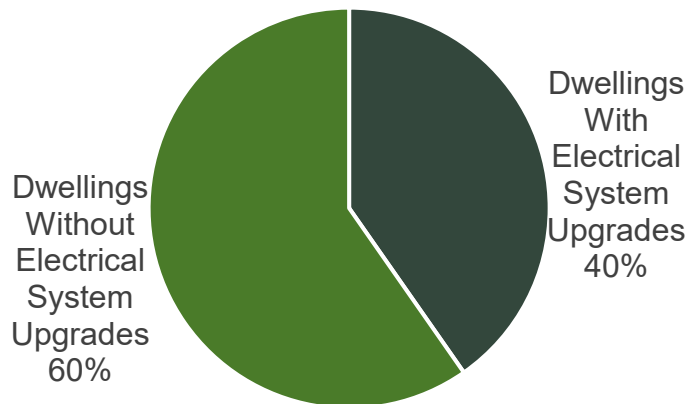
|                        |       |
|------------------------|-------|
| 1 or 2 dwellings       | 36,1% |
| From 3 to 8 dwellings  | 28,9% |
| From 9 to 15 dwellings | 12,6% |
| 16 or more dwellings   | 22,3% |

## Households by Housing Tenure Status

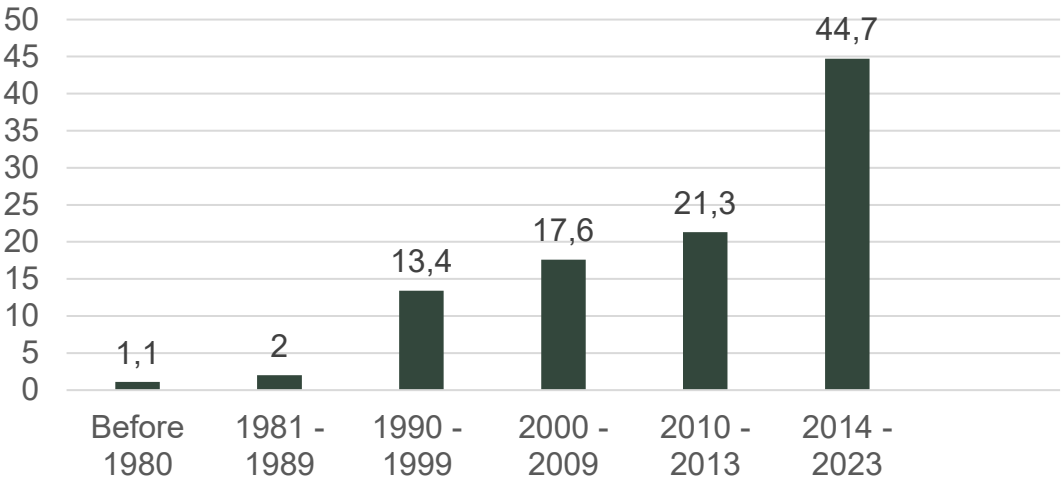


# The context: upgrades of the electrical system in dwellings

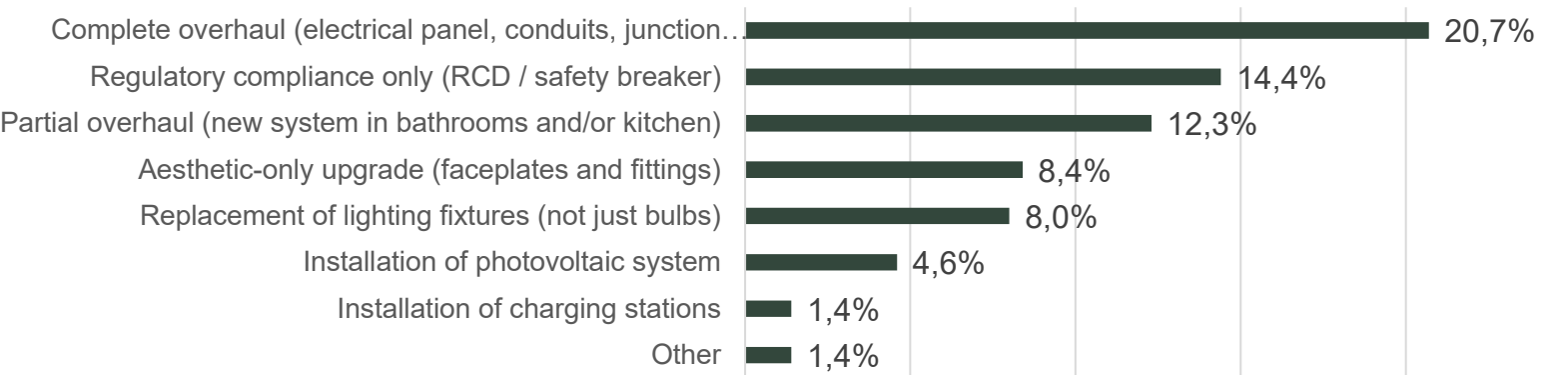
Dwellings With and Without Electrical System Upgrades



Last Electrical System Upgrade



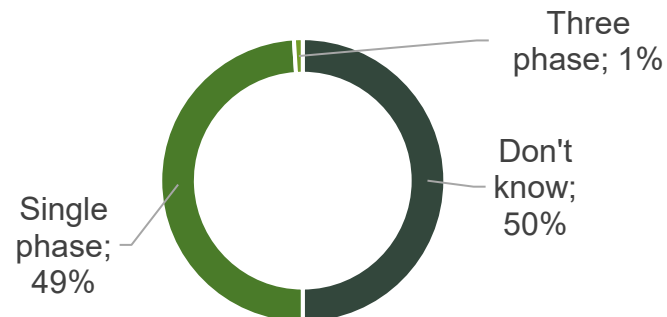
Type of Electrical System Work



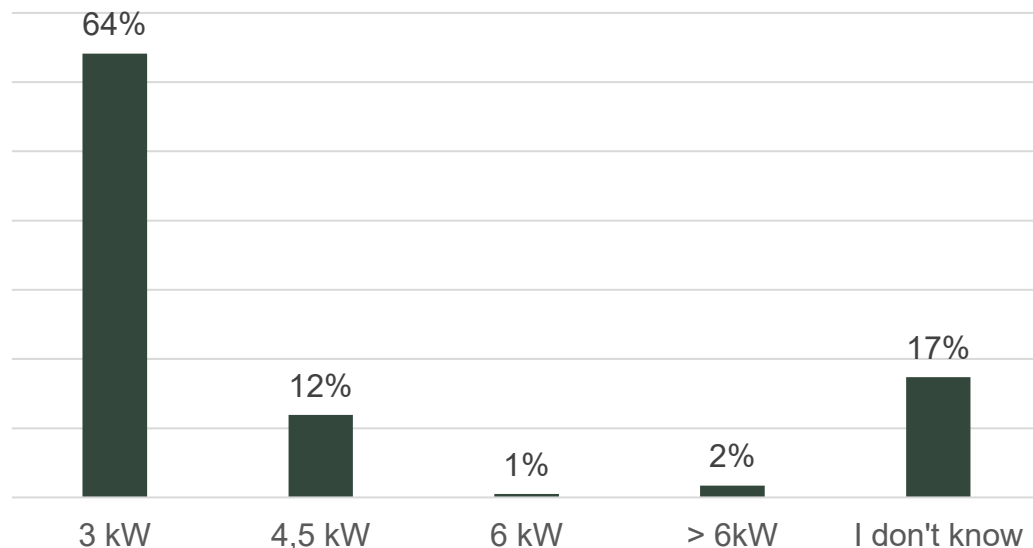
# The context: awareness of household electrical systems and energy supply



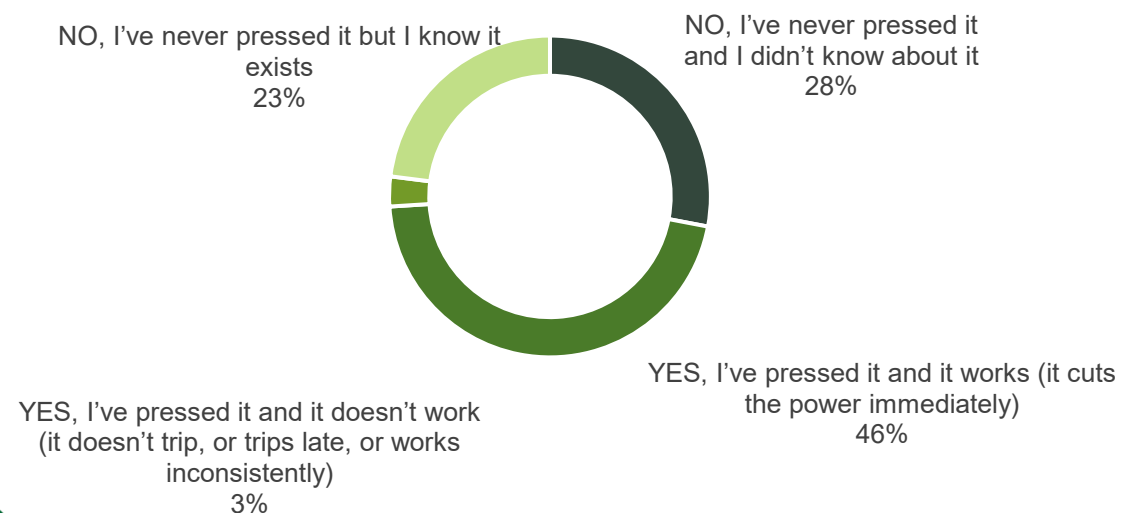
Type of Electrical Supply



Contracted Power Level



Knowledge and Functionality of the safety breaker



# A New Culture for Electrical Infrastructure

A modern electrical infrastructure culture must reach all stakeholders: industry professionals, end users, and institutions, to raise awareness that a safe, fully compliant, and well-maintained system benefits both those who work on it and those who use it.

## Prosiel identifies five pillars for sector development:



### Communication

Raise awareness across the entire electrical supply chain, from manufacturers to professionals, consumers, and institutions. Engage in constructive dialogue to highlight that electrical infrastructure is a core element of building safety and innovation.



### Innovation

Promote adoption of new technologies to achieve higher quality standards, improved performance, and added value for buildings and users.



### Training

Enhance professional skills to remain competitive, deliver safe installations, and drive technological innovation.



### Legislation

Update regulations to meet new needs, involve all stakeholders, and introduce tools to manage compliance, maintenance, and inspection obligations, such as an “**Electrical Installations Registry.**”



### Economics

Create favorable economic conditions to support public and private investments, enabling citizens to upgrade and maintain infrastructure efficiently.

# Activities: La Casa SI Cura

Awareness campaign on upgrading residential electrical systems

Citizen:

Through the “La Casa Sicura” portal, consumers can request a free home inspection and discover technologies to improve efficiency, performance, and reduce costs..

Institutions:

Engagement to inform them about:

- Critical issues: need for legislative action and greater public awareness of the importance of safe electrical systems, reducing household risks and broader economic impacts.
- Opportunities: leveraging the green transition to modernize residential buildings through innovative electrical solutions, improving safety, efficiency, energy use, and home comfort.

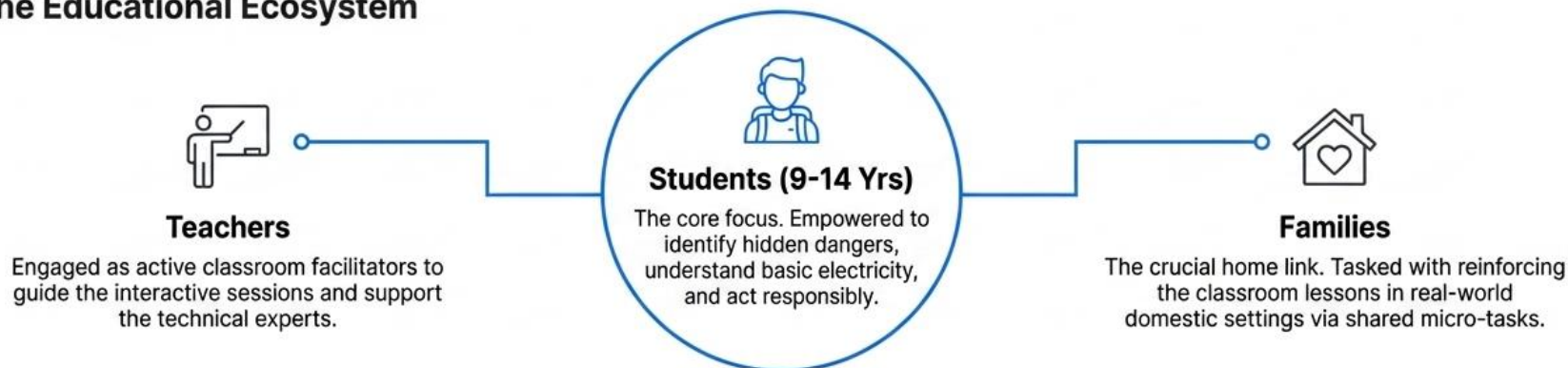


# Activities: Electrical Safety school project

## Core Mission & Targets



## The Educational Ecosystem



## The 2-Hour Classroom Experience



# Activities: Form@zione Continu@

Continuous training program for designers, engineers, technicians, and installers, aimed at keeping their skills aligned with technical and regulatory developments. Webinars cover key industry topics to inform and educate professionals on evolving standards and best practices.



**Form@zione Continu@**  
by Prosiel  
WEBINAR - 6 MAGGIO 2024

**Ore 17.00 Introduzione**  
Romano Mati  
Coordinatore Commissione Formazione Prosiel

**Ore 17.15 Intervento tecnico**  
Giacca Merello  
Ore 18.30 Domande & Risposte  
Ore 18.45 Conclusione dei lavori

**IL CONTRIBUTO DELLE RINNOVABILI ALLA DECARBONIZZAZIONE**  
**Comunità energetiche, agrivoltaico e mobilità elettrica**

All'interno del PNRR ci sono obiettivi, e quindi progetti concreti, per realizzare impianti a fonti rinnovabili e diffondere l'interessamento a partecipare attivamente alla generazione e distribuzione di energia "a chilometro zero" Favorendo di illustrare i punti salienti per come nel settore agricolo e come si debbono fare dei condomini. Infine si analizzano i



**Form@zione Continu@**  
by Prosiel  
WEBINAR - 3 GIUGNO 2024

**LA SICUREZZA IMPIANTISTICA NEGLI IMPIANTI CONDOMINIALI**

L'evoluzione tecnologica e la spinta alla realizzazione di edifici sempre più ecosostenibili ha portato ad un aumento delle tecnologie elettriche ed elettroniche presenti in essi. Il webinar ha come obiettivo la definizione di cosa si intende per impianto condominiale definendo cosa è di pertinenza del condominio e cosa è di pertinenza del proprietario dell'immobile, la responsabilità della progettazione, installazione e loro manutenzione. Verranno analizzati gli impianti di distribuzione energia, compresa eventuale autoproduzione e di segnale con particolare attenzione alla corretta scelta degli spazi installativi.

Una focalizzazione particolare sarà dedicata all'impianto di terra, sua verifica periodica e alla documentazione di verifica che deve essere lasciata all'amministratore.

**Ore 17:00** La sicurezza impiantistica negli impianti condominiali  
Giacca Merello - ANIE

**Ore 18:30** Domande & Risposte

**Ore 18:45** Conclusione dei lavori



**Form@zione Continu@**  
by Prosiel  
WEBINAR - 14 NOVEMBRE 2024

**MODIFICHE AL D.M. 37/08 E GUIDA CEI 306-2, QUESTE SCONOSCIUTE:**  
**NUOVE INCOMBENZE, PESANTI RESPONSABILITÀ ED OPPORTUNITÀ PER IL RESPONSABILE TECNICO**

In un mondo che cambia velocemente il Responsabile Tecnico in possesso della lettera B è tenuto a conoscere i nuovi provvedimenti legislativi al fine di poter dare risposta alle richieste del mercato. Formazione e conoscenza delle norme assieme alle competenze tecniche, elementi indispensabili per poter fare la differenza in un ambiente tecnologicamente evoluto e sempre più esigente. Approfondire gli obblighi per le imprese installatrici ed i loro Responsabili Tecnici, alla luce sia della legislazione di settore che dei vincoli contrattuali, può certamente essere di supporto per svolgere l'attività di installazione senza incorrere in rischi di responsabilità legali e risarcitorie.

**Ore 17:00** Intervento di  
Franco Romanelli - CONFARTIGIANATO  
Alessandra Tancelli - ANIE

**Ore 18:30** Domande & Risposte

**Ore 18:45** Conclusione dei lavori



**Form@zione Continu@**  
by Prosiel  
WEBINAR - 11 GIUGNO 2025

**Cablaggio per le comunicazioni elettroniche negli edifici residenziali:**  
**Guida CEI 306-2**

In questo webinar verranno fornite indicazioni per la progettazione, l'installazione e la verifica degli impianti di comunicazione elettronica (dati, fonia, video) e delle relative infrastrutture fisiche multiservizio passive, a partire dal punto di consegna della fornitura (come definito all'art. 1, comma 1 del DM 37/08), all'interno di unità immobiliari ad uso residenziale, nel rispetto delle normative tecniche vigenti e delle disposizioni legislative attuali.

**Ore 17.00 Introduzione**  
Romano Mati  
Coordinatore Commissione Formazione Prosiel

**Ore 17.15 Intervento tecnico**  
Claudio Pavan  
Membro CEI GT 306

**Ore 18.30 Domande & Risposte**

**Ore 18.45 Conclusione lavori**

# Focus on: The Twin Transition Challenge

## The Goal

Decarbonization and energy performance enhancement of the European building stock



Strong EU targets for decarbonization and efficiency



Rapid electrification of buildings and mobility

Growing adoption of smart and connected technologies

## The Gap

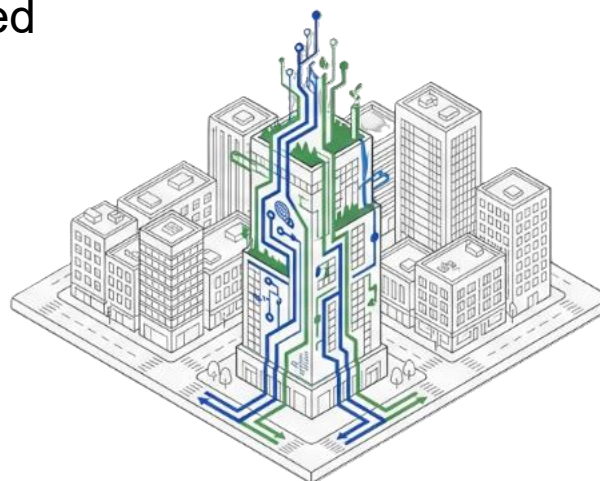
Renovation strategies remain fragmented and focused on individual units



Infrastructure is not designed for high electrical loads



**The transition is moving forward,**  
**but not on solid ground**



# Focus on: The Twin Transition Challenge

## The Shift We Need

|                                   |   |                                          |
|-----------------------------------|---|------------------------------------------|
| From individual units             | ➡ | to <b>integrated building ecosystems</b> |
| From isolated upgrades            | ➡ | to <b>coordinated system planning</b>    |
| <b>From a fragmented approach</b> | ➡ | <b>to a systemic view</b>                |





Thank you for your  
attention

Learn more on our website:

[www.prosiel.it](http://www.prosiel.it)

[www.lacasasicura.it](http://www.lacasasicura.it)