PAOLO
LANFRANCONI
ARCHITETTO

ARCHITETTURA SOSTENIBILE
QUALITÀ CERTIFICATA

COMPANY PROFILE

PLA.IT

PLA Paolo Lanfranconi Architetto
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STUDIO

Architect Paolo Lanfranconi has over 30 years of professional experience, primarily focused on design centered on bio-architecture and energy efficiency.

In addition to completing a postgraduate master's degree in sustainable building, he obtained certification as a CasaClima Energy Consultant for the design of low-energy and sustainable buildings, as well as ComuneClima certification, which promotes sustainable energy and climate planning.

His professional development later focused on indoor environmental health, achieving qualification as an official BioSafe technician and becoming a technical partner with PLAS.

To further deepen expertise in timber building design aimed at sustainability, energy efficiency, materials, and healthy indoor environments, he obtained the ARCA "Design Fundamentals" certification.

More recently, he achieved the advanced certification as an "Expert in Italian Sustainable Construction – EES", in compliance with UNI CEI EN ISO/IEC 17024 standards, enabling participation in public tenders as a sustainability professional.

From last he is "Partner Specialized Minergie Italy" according to Minergie Italy standard, that unites energetic efficiency, constructive quality, durability and well being of the users.

To date, Architect Paolo Lanfranconi has obtained CasaClima certification for eight projects, including both new buildings (residential and office use) and renovations (CasaClima R protocol), as well as the first CasaClima Welcome certification in Liguria for small hospitality (B&B).

He recently obtained the Biosafe certification for two properties in Liguria: one as a new construction in Sassello (SV) and one as a renovation in Magliolo (SV) and the Minergie Validation for the Sassello building.

"Designing and building a house means triggering processes that will affect several generations and that do not will only affect maintenance and management costs. The choice of suitable materials, technologies, and systems efficient systems allow the construction or redevelopment of homes with very low energy consumption which simultaneously offer high thermal comfort and respect for the environment. Care for individual details allows for a result that satisfies the future inhabitants of the house."



www.pla.it

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3355437656 Canale Whatsapp – Paolo Lanfranconi Architetto

QUALIFICATIONS

- Member of the Order of Architects of Genoa (No. 2643)
- Postgraduate Master's Degree in Green Building
- **Safety** Coordinator (since 1997)
- **Energy Certifier** Regione Liguria No. 127 (since 2008)
- **CasaClima** Energy Consultant (since 2013)
- **Blower Door Test** Technician (since 2014)
- Level II **Thermographic** Technician (since 2014)
- **ComuneClima** Consultant (since 2018)
- **BioSafe** Technical Partner (since 2023)
- **ARCA** Design Fundamentals Designer (since 2024)
- **Advanced Expert in Italian Sustainable Construction – EES in compliance with the UNI CEI EN ISO/IEC 17024 standard** (since 2025)
- "Specialized **Minergie** Italy Partner" since 2026
- ***Partner 24 ORE Network***
- ***BNI – Chapter Ambizioso Alessandria***

EQUIPMENT

- Minneapolis Blower Door Standard – airtightness testing fan
- Retrotec Q4E Blower Door Test system
- Smoke generator for testing
- Thermo-anemometer
- Humidity meter
- Atmospheric pressure meter
- FLIR E60 thermal camera
- Building survey equipment
- A0 plotter
- Biosense – real-time indoor air quality monitoring
- Radon gas detector

SOFTWARE

- Microsoft and Mac operating systems
- Office (Word, Excel, PowerPoint)
- Design software (AutoCAD, Revit, Photoshop, SketchUp)
- Energy certification software (Edilclima)
- ANIT software (PAN, THERM, APOLLO, LETO)
- ACCA software (Certus, Primus)
- proCasaClima software
- BioSafe VOC Budget software

MAIN ACTIVITIES

- Architectural design, systems
- New buildings and renovations
- Energy diagnoses
- Energy audit of the building
- Energy Performance Certificates
- II level thermography
- Airtight design
- Blower door test
- Appraisals – testing – land registry
- Construction management
- Safety Coordinator in the Design (CSP) and Execution (CSE) phases
- CTP – technical consultant for the party in civil proceedings

1. PASSIVE AND LOW-ENERGY BUILDING DESIGN

- Preliminary energy design
- Final and executive design BioSafe
- Technical specifications and cost estimate
- Design verification
- Construction supervision

2. CASACLIMA CERTIFICATION

- Design phase certification
- Construction phase certification
- On-site energy checks (thermography and blower door test)

3. SAFETY

- Initial instructions and requirements for drafting the safety plan Safety Coordinator in the Design Phase (CSP)
- Execution Safety Coordinator (CSE)
- Work maintenance plan

4. SYSTEM DESIGN

- Preliminary system design, preliminary estimate
- Final design – systems
- Drafting of reports pursuant to Law 10/91
- Executive design – systems
- Drafting of specifications and plant estimate
- Construction Management – systems

CASACLIMA CERTIFICATION

CasaClima Agency, as a third-party body not involved in the design/construction/renovation of buildings, protects the interests of the client who undertakes this innovative path.

The CasaClima brand is a national point of reference for the creation of energy-efficient and sustainable buildings.
Today, CasaClima is one of the leading brands in Europe for sustainable energy design.

To enhance the property's value, at the conclusion of a certification process based on project checks, on-site inspections, and final documentation verification, the CasaClima label is delivered, in addition to the CasaClima certificate, as a symbol of construction quality.

In this way the client has the certainty that at the end of the works, following final checks will certify the energy quality and comfort of the building.
CasaClima label placed on the outside of the building indicates that it has been designed and built according to the quality criteria of the CasaClima Agency.

All the work described above will be complemented by checks that will be carried out during construction activities and at the end of the works (so-called "non-destructive tests") to establish the correct execution of the interventions from an energy perspective.
These checks will be carried out using thermography and blower door testing (air tightness survey), for which I have obtained specific qualification from CasaClima.

Furthermore, with CasaClima Nature protocol a building is certified not only from an environmental point of view from an energy point of view but also in relation to the impacts on the environment, the health and well-being of the people who live there.
CasaClima Nature introduces an objective evaluation of the eco-compatibility of materials and systems used in construction and the water impact of the building.
To ensure the comfort and healthiness of indoor environments, specific requirements are required for indoor air quality, natural lighting, acoustic comfort, and protection from radon gas.

As a designer, Architect Lanfranconi can also provide design and all technical assistance for non-residential buildings, all of which are subject to CasaClima certification.

For example, ClimaHotel Certification for hospitality buildings and CasaClima Work&Life for office buildings.

www.agenziacasaclima.it

www.agenziacasaclima.it/it/lanfranconi-paolo-arch--17-254.html

KlimaHaus
CasaClima

BIOSAFE CERTIFICATION

Recently, architect Lanfranconi acquired the title of official BioSafe technician, an organization that deals with an internal air quality management protocol studied on specific characteristics of each intervention

The Environmental Health Certification of residential envelopes is important as principle of prevention and health protection; up to 65 compounds are analyzed volatiles within the measured environment.

Research into environmental pathologies and indoor volatile organic compounds (VOC) monitoring systems in the construction industry has led to the development of various design protocols, building analysis, and material selection aimed at improving the quality of living.

During the design phase, all materials that can be used in the construction process are assessed and verified based on their respective emission quality certifications. Interactive software carefully evaluates all the building's construction elements and is able to predict the desired level of healthiness and suggest the designer's various options for achieving this goal.

Each product used in the construction process must meet specific emissivity performance requirements based on the synthesis of the most authoritative European regulations and comply with the BioSafe quality standard.

BioSafe introduces a construction site management and cleaning protocol that includes a series of prohibitions and requirements aimed at maintaining the quality standards required by the project.

Once construction site is completed, the BioSafe protocol provides for a direct analysis of air quality and a measurement of the mass concentration of fine particles present (PM10 and PM2.5) is carried out, as well as a count of polluting particles with an aerodynamic diameter > 0.3 µm.

During building management phase, the BioSafe protocol requires that the main markers relating to potential pollutants measured at the end of the construction process be continuously monitored.

www.biosafe.it

www.biosafe.it/tecnici-ufficiali/

Biosafe
Certificazione di Salubrità Ambientale

ARCA CERTIFICATION

Architect Paolo Lanfranconi also completed the basic course and, subsequently, the Design Fundamentals course for ARCA Certification, the first certification system for wooden buildings. Its protocol guarantees the durability, earthquake and fire safety, energy efficiency, sustainability, materials, and healthiness of your wooden home.

ARCA was founded to promote quality timber construction and to ensure, in a serious and transparent manner, the performance of timber buildings, additions, and extensions, to protect the people who live and work there.

ARCA draws on the experience gained with the SOFIE project, the seven-story building that became famous worldwide in 2007 for surviving an earthquake measuring 7.2 on the Richter scale unscathed.

The certification is applicable to all types of wooden building construction (houses, hotels, schools, etc.) made with X-LAM panels or other systems, such as frame systems, panel-framed systems, blockbau systems, and solid wood elements.

ARCA was developed by leveraging local research experiences (University of Trento, CNR-Ivalsa), the know-how of businesses, designers, institutions and the skills of GBC (Green Building Council) Italy.

ARCA certifies the building as a "turnkey" project. However, it is also possible to request a "raw construction" inspection only: the first step in certifying your building.
The result is a transparent, efficient and effective model, capable of guaranteeing total quality for the building.

In addition to buildings, individual wooden components are certified (windows, doors, X-LAM, wooden products, etc.) and it accredits professionals (designers, installers, etc.) and companies (builders) who work according to precise quality criteria, in order to enhance wooden buildings.

www.arcacert.com

www.arcacert.com/portfolio_page/paolo-lanfranconi/

ARCA
CERTIFICAZIONE DI QUALITÀ E SOSTENIBILITÀ

MINERGIE ITALY VALIDATION

Architect Paolo Lanfranconi has recently followed the course "Plus Minergie Italy", about validations of the real estate according to the Minergie standard Italy, that unites efficiency energetic, quality constructive, durability and well-being of the occupants.

In this way he entered list of the "Partner Specialized Minergie Italia" that represent technical-operational referencefrom the supply chain: professionals, technical studies with skills consolidated in energetic efficiency, constructive quality, sustainability and management of the building process.

Thanks to these skills he is able to project, direct, build or assist during buildings process according to the Standard Minergie in Italy.

Minergie Italy suitable the principles of beyond 25 years of experience in Swiss to the Italian market, with requirements and process thought about Italian regulations worksite.

What change what is different:

- From the concept to the procedure: you don't stop to definitions abstract f "quality". You translate them in procedures of project and of worksite, with checks simplified through a simple one sheet Excel.
- Performance but without extremisms: nothing excesses in worksite thattranslate in major charges and difficulty in obtaining validation, but only achievable and verifiable requirements .
- Beyond the abstract concept of "quality" based only on kWh/m²a. You put The focus on durability, comfort and absence of defects (facades healthy, no infiltrations or drafts): everything that customer perceives (and wants) really.

www.minergie.it

www.minergie.it/edifici/lista-edifici/details/?gid=ITA-016

MINERGIE®

Italia – Costruire meglio. Vivere meglio.

EES CERTIFICATION
(ADVANCED SUSTAINABILITY EXPERT)

Architect Paolo Lanfranconi has obtained the certification of "Construction Expert Sustainable Italy – EES" at advanced level.
This certification is now increasingly required for participation in public tenders as a sustainability professional, in compliance with the UNI CEI EN ISO/IEC 17024 standard.

Obtaining this certification demonstrates the completion of a professional career that, after more than 25 years, demonstrates the expertise (in terms of skills, knowledge, and competences) related to the phases of the energy and environmental design and consultancy process and site inspection, to verify that the work is carried out in compliance with the submitted project and applicable protocols.

Advanced EES professional is in fact able to:

- apply methodologies and techniques of energy and environmental design and consultancy processes according to the CasaClima and/or ITACA protocols in the following areas: technical physics; building materials and systems; energy and environmental impact calculations and assessments of buildings; plant systems and renewable sources; internal comfort; implementation standards and regulations; measurement and quality control techniques; economic assessments.
- apply methodologies and techniques for managing energy-environmental certification processes according to the CasaClima and/or ITACA protocols, which concern the administrative procedures for initiating and registering the certification; developing the project with executive details; preparing the energy-environmental calculation; responding to requests during the certification process; providing assistance during construction site audits; collecting and processing documentation and technical photo documentation; managing and monitoring any changes; and controlling the quality of execution relevant to the CasaClima and/or ITACA certifications.
- verify the projects submitted through energy calculation analysis, the characteristics of the construction elements, the construction materials, geometric checks, thermal bridges, data on the heating, cooling, ventilation, solar thermal and photovoltaic systems; compliance with the technical directives.
- carry out inspections to verify the consistency between the project viewed and the construction site, through geometric checks and checks on the construction elements on site.

www.ees.certing.it

www.platform.certing.it/ees/elenco-certificati?page=2&q=&title=



AIR TIGHTNESS DESIGN

Air tightness design for a building is the process of designing and building a building envelope that prevents the uncontrolled passage of air between the interior and exterior, ensuring continuity of protective layers and effective sealing at critical points such as windows, utility penetrations, and structural joints.

This should not be confused with thermal insulation, but is essential for energy efficiency, comfort, health, and the proper functioning of controlled mechanical ventilation (CMV) systems.

Air tightness design involves the following steps:

1) Identification of layers:

   Two continuous lines are drawn that envelop the entire building, one toward the interior (warm side) for air tightness and one toward the exterior (cold side) for wind tightness.

2) Material selection:

   Information on the type of materials and their installation; For example: vapor barrier/retarder membranes, special sealing tapes for subframes and airtight profiles, continuous and sealed plaster in service penetrations, etc.

3) Construction details:

   Drawings illustrating the main construction details necessary to develop the airtightness design.

   For example: carefully seal all critical points, such as joints between walls and floors, service penetrations, window edges and cracks, etc.

   Instructions for effective implementation of the design during the construction phase, with, again for example, particular attention to the most vulnerable points of the building envelope (joints between walls and floors, connections between walls and roofs, joints between walls and windows (primary node), service penetrations such as electrical and ventilation pipes).

4) On-site inspections

   Essential for promptly identifying and correcting any defects before installing the finishes. They may include intermediate airtightness tests (blower door tests) and visual inspections of the seals.

   BDT verification is mandatory for certified buildings such as CasaClima, but it is also required by the CAM regulations in public procurement and, in general, is part of good energy efficiency design that every designer should include.

In conclusion, the benefits of proper airtightness design are:

- Maximum Energy Efficiency: prevents heat loss in winter and the entry of hot air in summer, maximizing the effectiveness of the thermal insulation.
- Comfort and Well-being: eliminates unpleasant drafts near windows and doors, maintaining stable internal temperatures.
- Prevention of Mold and Condensation: prevents internal humidity from penetrating the walls (triggering material degradation) when it encounters cold air from outside.
- Acoustic Insulation: the materials and tapes used to seal the gaps also block the infiltration of external noise.
- Air Health: by blocking uncontrolled infiltration, indoor air quality can be optimally and consistently managed.

BLOWER DOOR TEST

Architect Paolo Lanfranconi is also a technician who performs airtightness tests (BLOWER DOOR TEST).

The machines used in the studio are Minneapolis Blower Door Standard and Retrotec 3300 SR.

The test consists, through the use of a fan, in placing the real estate unit in depression or air pressure at +50 Pascal to evaluate the number of changes in an hour.

When verifying a highly energy efficient home, this value must reach 0.6 for a Gold class certified home, 1 for a class A home, and 1.5 for a class B home.

In a renovation it can reach a value of 3 air changes in an hour (values limit for a CasaClima certification).

Applications of the BLOWER DOOR TEST are: checking the correct installation of window frames, testing for smoke leaks, and investigating heat losses related to air tightness, which in an average home can be quantified at 20% of total heat losses.

BLOWER DOOR TEST is one of the so-called non-destructive tests through which, during the construction site or for certification, the works carried out can be verified, without further processing.





THERMOGRAPHY

Architect Paolo Lanfranconi is a technician qualified to perform level 2 thermography according to EN 150 9712:2012.

The machine supplied to the studio is a FLIR E60

THERMOGRAPHY is performed using a special camera whose images, called thermograms, are derived from infrared radiation. In fact, a thermogram can be taken even in complete darkness.

The temperature difference Dt of the various objects, recorded via infrared, is then represented with colors according to a graduated scale chosen by the operator.

Active and passive tests can reveal thermal bridges (unresolved points that disperse heat towards the cold), air/ water leaks, identify electrical and plumbing systems, and detachment of plaster.

These investigations serve to obtain objective feedback on the real condition of the observed elements and to measure fundamental data for a correct study of the intervention to solve the problem encountered.









RADON GAS REMOVAL EXPERT

Architect Paolo Lanfranconi completed the 60-hour training course for "Radon Gas Remediation Experts."

Radon Gas: What It Is and Why It's Critical to Protect Your Home

Radon is a completely invisible, colorless, and odorless radioactive gas. It occurs naturally in soil and rocks. From there, it tends to rise to the surface and penetrate buildings through cracks, pipes, and foundations. When it accumulates in enclosed spaces, it becomes a health hazard: the World Health Organization (WHO) classifies it as the second leading cause of lung cancer after cigarette smoking.

Why do you need an Architect with Radon Remediation Expertise?

Radon cannot be completely eliminated, but it can be safely managed and isolated. As a licensed architect and expert in remediation interventions (pursuant to Legislative Decree 101/2020), my job is to protect your living and working spaces through specific actions:

1. **Assessment and Diagnosis**: I analyze the structure of the property to understand how and where the gas is penetrating.
2. **Customized Design**: I develop the ideal technical solution for your home (such as crack sealing, soil depressurization, or controlled ventilation systems).
3. **Prevention in New Projects**: If you are building or renovating, I intervene immediately to install radon barriers before the building is completed, saving on future costs.
4. **Legal Compliance**: I guide you in complying with regulatory limits, issuing the necessary documentation to ensure the safety of your property.

Investing in monitoring and a remediation plan means protecting your family's health and increasing the value of your property.



ESEM[PLA]RE

ESEM[PLA]RE is an organization founded by architect Paolo Lanfranconi, together with a team of technical professionals. It offers to construction companies expert consulting services during the building process, focusing on energy savings, energy efficiency, sustainability, and indoor environmental health.

By taking a comprehensive approach to managing the construction process, we achieve significant results in terms of cost control and reduced construction timelines, while ensuring certified quality for every project.

The services we provide to construction companies include:

- A general review of the project to identify specific areas requiring detailed study—including an analysis of critical construction junctions, complete with technical drawings—to improve building design and streamline the work for the construction firm and all other parties involved on-site.
- Review or optimization of existing construction assemblies (stratigraphies), with a particular focus on material selection, layer thickness, and the reduction of thermal bridges.
- Design and analysis of construction junctions, with an emphasis on water, air, and vapor tightness, the mitigation of thermal bridges, and the proper execution and management of on-site tasks—providing all the necessary construction details to facilitate the actual building phase.
- Preparation of technical construction drawings designed to ensure the proper management of on-site operations and to coordinate effectively between designers, the construction firm, and suppliers. By way of example, the drawings may cover: stratigraphic sections, thermal bridges, opening dimensions and window/door connection details, main drainage and venting systems that intersect with the building envelope, service penetrations, etc.
- Preparation of a non-priced bill of quantities (quantities schedule) for the main construction works.
- Assistance and site visits during key construction phases to address any questions and coordinate the various elements involved in the execution stages.

ESEM[PLA]RE

DAL PROGETTO AL CANTIERE: GESTIRE PROCESSI VALIDATI SUL CAMPO

SAFETY COORDINATOR

In recent years, in addition to his role as safety coordinator for both the design and construction phases of private construction sites, architect Paolo Lanfranconi has received numerous assignments from the City Council of Genoa to carry out this activity for various public projects.

The Design Phase Safety Coordinator (CSP) is a professional appointed by the client, on construction sites with multiple companies, to analyse risks and define preventive measures during the design of a project.

The Construction Safety Coordinator (CSE) is a professional appointed by the client or project manager to ensure safety on a construction site where multiple companies are present.

Some of the tasks of the CSE are:

- Verification of the PSC and POS: ensures that the Safety and Coordination Plan (PSC) is respected and that the Operational Safety Plans (POS) of individual companies are compliant with the PSC.
- Coordination of activities: organizes cooperation between various companies, self-employed workers and their employers, managing interference between activities to prevent risks.
- Inspections and checks: carry out periodic inspections to verify the application safety measures and the suitability of the construction site.
- Updating documents: update the PSC and the Work File based on the progress of the work and any changes made.
- Reporting of non-compliance: reports violations of safety regulations to the client and can propose the suspension of work or the removal of the companies involved.

To perform this type of assignment, it is necessary to have and maintain adequate professional training and experience in the construction sector, as required by current legislation.

CASACLIMA AWARD

Architect Paolo Lanfranconi's energy redevelopment project for the Finale Ligure property, which comprises both a residential section and a bed & breakfast, has been certified CasaClima R and CasaClima Welcome (the first in Liguria to receive this certification, linked to the sustainability protocol for hospitality facilities).

The project received the prestigious CasaClima Award 2024, selected from among five award-winning projects out of over 1,700 evaluated by the CasaClima Agency's technical jury.

The project was published in an article in Edicom's Azero magazine No. 45, and was also featured on the cover. The article is available online on our website.

KlimaHaus
CasaClima
AWARDS 2024
WINNER



MAIN PROJECTS (selection)

CASACLIMA CERTIFICATIONS

GENOVA NERVI

Renovation of a 17th-century stone house, where green building materials were prioritized, including the use of raw earth plaster, the renovation of chestnut attics and roofing treated only with natural products, solid parquet flooring laid dry on sand, and a fireplace sufficient to heat the three levels of the dwelling.

The project achieved the CasaClima A Nature certification (A = 14 Kw/m2 year; Nature= use eco-sustainable materials).

NAPOLI

Fratelli Cosulich SpA offices - renovation of an entire 750 m^2 floor in a building 1950s which received certification no. 1 of the Casaclima R protocol for renovation.
Wood fiber insulation, clay plaster, raw earth bricks, a radiant ceiling system for heating and cooling, and mechanical ventilation characterize the design concept.

ROSSIGLIONE (GE)

Three-level prefabricated wooden frame office building with solid Bretstapel floors, a green flat roof, underfloor heating, and mechanical ventilation that has obtained CasaClima Gold Nature certification (Gold = 7 kW/m3 per year; Nature = use of eco-sustainable materials)

GENOVA SAN QUIRICO

Renovation of a stone residential building through a general restoration, external and roof insulation, use of biomass and solar systems thermal. The intervention was certified CasaClima R reaching a consumption of only 15 kWh/m2 per year.

COGORNO (GE)

New construction project for a semi-detached house in prefabricated wooden frame, and related external arrangement with naturalistic engineering intervention through the installation of a wooden palisade.
The intervention was certified CasaClima Gold Nature, reaching a consumption of only 4 kWh/m^2 per year.

FINALE LIGURE (SV)

Energy requalification project for a 15th-century stone building that, in addition to the residential section, includes a section for a bed and breakfast.
The project has been certified CasaClima R and CasaClima Welcome, the first property in Liguria to receive this certification linked to the specific sustainability protocol established by the CasaClima Agency for hospitality facilities.

Project was certified CasaClima Gold Nature, reaching a consumption of 54 kWh/m^2 per year.

The project received the Agency's technical jury award at the CasaClima Awards 2024.

CAPO D'ORLANDO (ME)

Energy requalification project for a two-story residential building that involved a comprehensive intervention on the building, certifying it as CasaClima A.
The project was certified CasaClima Gold Nature, achieving a consumption of 23 kWh/m^2 per year

KINDERGARTEN

GENOVA PEGLI

Design and construction management Renovation and management of the construction process for the transformation of a former office into a nursery school in Genoa Pegli.

GENOVA FONTANEGLI

Renovation, management of the construction process, with attention to the energy aspect for transformation of a former municipal school into a nursery school and kindergarten in Genoa Fontanegli.

SPORT VENUES

GENOVA

Design and construction of a new wooden roof for a bowls alley..

GENOVA GRANAROLO

Green building design assignment with construction management for the new headquarters of a sports club in Genoa Granarolo, including services for existing facilities, catering, and offices

UNDERGROUND PARKING

GENOVA GRANAROLO
Project for the construction of a two-level underground garage, 40 units with an above-ground floor Design of an area development with a sports facility in Genoa's Granarolo area.

COMPLETED CASACLIMA PROJECTS

GENOVA NERVI
CASACLIMA A NATURE – 14 kWh/m²a *equivalent to an expense of €1.4/m² year*
private house – renovation





NAPOLI
CASACLIMA R (1st in Italy) – 2 kWh/m³a *equivalent to an expense of €0.2/ m³year*
Offices – renovation





ROSSIGLIONE (GE)
CASACLIMA GOLD NATURE – 7 kWh/m²a *equivalent to an expense of €0.7/ m²year*
Offices – executive and energy planning





COGORNO (GE)
CASACLIMA GOLD NATURE – 4 kWh/m²a *equivalent to an expense of €0.4/m²year*
private home – new construction





GENOVA SAN QUIRICO
CASACLIMA R – 16 kWh/m²a *equivalent to an expense of €1.6/m²year*
private home - renovation





FINALE LIGURE (SV)
CASACLIMA R and CASACLIMA WELCOME – 69 kWh/m²a *equivalent to a cost of €6.9/m²year*
private house and bed & breakfast - renovation – energy renovation project





CAPO D'ORLANDO (ME)
CASACLIMA R – 23 kWh/m²a *equivalent to a cost of €2.3/m²year*
private house - renovation – energy renovation project





CAMPOMORONE (GE)
CASACLIMA R – 11 kWh/m²a *equivalent to an expense of €1.1/m²year*
private house – energy renovation project





ARENZANO (GE)
CASACLIMA GOLD – 8 kWh/m²a *equivalent to an expense of €0,8/m²year*
private house – energy restoration





PROJECT CERTIFIED CASACLIMA GOLD, CASACLIMA NATURE, BIOSAFE, MINERGIE ITALIA

SASSELLO (SV)
CASACLIMA GOLD – 9 kWh/m²a *equivalent to an expense of €0,9/m²year*
CASACLIMA NATURE
BIOSAFE: TVOC: 11,8 µg*m^{-3} < 300 µg*m^{-3}
VALIDAZIONE MINERGIE
private house – new construction – energy project – indoor healthiness





PROJECT CERTIFIED CASACLIMA, BIOSAFE

MAGLIOLO (SV)
CASACLIMA A – 19 kWh/m²a *equivalente ad una spesa di 1,9 €/m²a*
BIOSAFE: TVOC: 46,6 µg*m^{-3} < 1000 µg*m^{-3}
private house and bed&breakfast – energy project





SERRA RICCO' (GE) – *in progress*
CASACLIMA
private house – new construction – energy project





OTHER PROJECTS

GENOVA FONTANEGLI

Kindergarten - renovation





GENOVA

bowls club





FEASIBILITY STUDIES

GENOVA MURTA
private house
Expected certifications: CASACLIMA





GENOVA SAN DESIDERIO
private house
Expected certifications: CASACLIMA





GENOVA VOLTRI
medicinal plant laboratory





MONEGLIA (GE)

beach resort

Expected certifications: CASACLIMA





GENOVA

FIDAS - "Blood Donor House"

Energy efficiency restoration CASACLIMA and BIOSAFE





LIMONE PIEMONTE (CN)
private houses







