

Demo site 4: Casa Girasole, Switzerland

Massagno is a municipality in the district of Lugano, southern Switzerland. The town has been awarded the “Città dell’energia” (City of Energy) label for its strong commitment to sustainable local policies, including energy efficiency, green public spaces, and e-mobility.



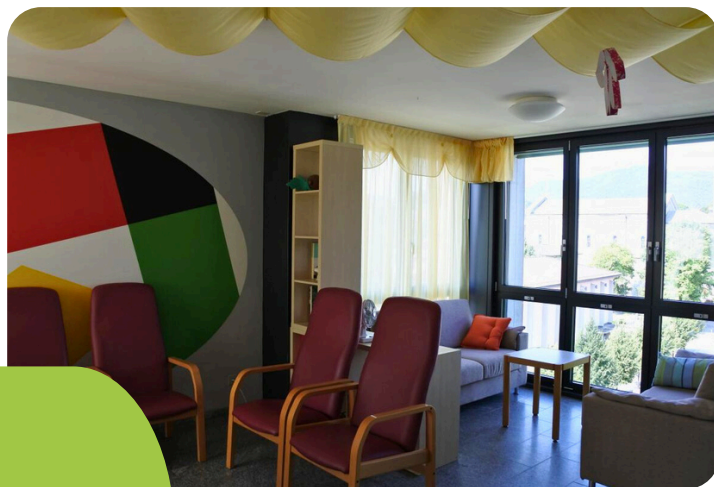
Casa Girasole is a municipal elderly care facility located in the Motta district, an area involved in an active energy community supported by the local energy company AEM.

Casa Girasole hosts 66 elderly residents with varying degrees of autonomy and care needs. The building includes single and double rooms, a communal dining area, and shared spaces for healthcare, social interaction, and religious services.





The Swiss pilot focuses on evaluating how accessibility, comfort, and energy efficiency can be improved through digital solutions in a residential care setting. To support this, the site will expand its IoT sensor network for environmental monitoring (e.g., temperature, humidity, CO₂) to enhance indoor quality assessment.



The project will integrate sensors and user-friendly interfaces to monitor environmental conditions and support adaptive energy management. Special attention will be paid to the needs of elderly residents, ensuring that technology enhances their well-being without creating barriers to use.

The pilot will also explore the potential of smart mobility, including accessible EV charging and low-impact transport options around the care home, in line with the district's urban development plans.

