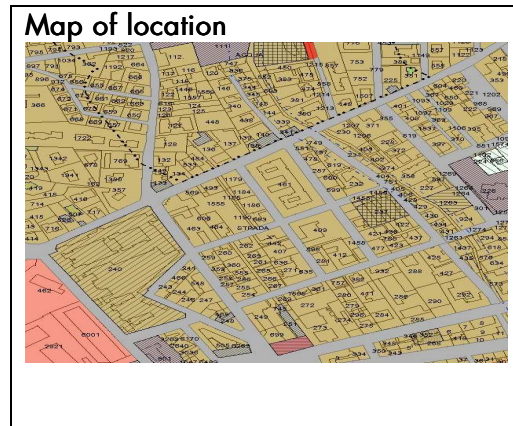


# Piedmont, Italy

Project Name	Contratti di Quartiere 2 – Asti, Quartiere Strada Volta
Address	14100 Asti Italy
Year of construction	1942 – 1951
No. of units	181 units
Project Status	planning phase



## Photo



## Summary

ATC Asti is a public body, managing and owning approx. 1700 social housing units in the province of Asti, Italy. Currently, little public structural funds for ordinary refurbishment are available at national level. Thus, maintenance measures of social housing buildings hardly ever consider energy efficiency. Nevertheless, ATC Asti has decided to introduce a centralised hot water (solar) system in “Quartiere Strada Volta”, as well as to carry out the thermal insulation of the roof. The roof area of the entire building complex is around 3,650 m<sup>2</sup>. Refurbishment measures will consist in adding an 18 cm thick insulating layer and a waterproofing sheath. No thermal insulation exists either. Thus possible future retrofitting measures may include: substitution of windows, installation of energy saving light bulbs after improving electricity wiring, new condensing boilers, thermal insulation of walls, the financial plan still needs to be drafted.

Before Refurbishment		
Energy	n. a.	KWh/m <sup>2</sup> /yr
CO <sub>2</sub>	n. a.	Kg/m <sup>2</sup> /yr
Cost	n. a.	€/yr (incl. all charges)

Target		
Energy	n. a.	KWh/m <sup>2</sup> /yr
CO <sub>2</sub>	n. a.	Kg/m <sup>2</sup> /yr
Cost	n. a.	€/yr (incl. all charges)