



“Le Albero” district

Trento(I)

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Castello SGR e Itas Assicurazioni	www.castellosgr.com
Architect	Renzo Piano Building Workshop	www.rpbw.com
Energy Consultant	Thesan S.p.A	www.thesan.com
PV Installer	FAR SYSTEMS S.r.l.	www.farsystems.it

BUILDING

Completion year	2008-2010	Building	2008-2010	PV Plant
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other

Building Energy Performance kWh/m² y -

Description

'Le albero' district is an urban expansion in Trento in the ex-Michelin area that has been regenerated including different blocks a large park. The architectural choices are based on eco-sustainability, eco-compatibility and energy-saving. All the residential and services buildings are designed as "passive" buildings, with low energy consumption, and are certified according to CasaClima standards. The residential buildings 3-4 storeys have a courtyard plant. The facades are made of wood with 3.75 m modules, in the grid are placed the loggias and windows system. The offices have a particular green facade on the eastern front. The whole area is served by a trigeneration system that give energy for heating and cooling. The special roofs, built with wood and steel structure and covered by zinc sheets, are characterized by customized PV laminates, made by a glass-foil panel and mounted on aluminium frames, that represent one of the unifying features of the settlement and are specially developed for this project.

Aknowledgments

Awards CasaClima 2013