Campus as a district: a small smart city at the university.

Country	**Italy**
Sector	Buildings
Year	2014
Narrative description	The University of Genoa has decided to transform the Savona Campus, which hosts a population of around 2,500 people, into an innovative and sustainable neighbourhood model thanks to the implementation of replicable energy efficiency and renewable energy measures. Among the actions carried out, implementation of a "smart" microgrid to supply electricity to the Campus area, construction of a sustainable n-ZEB building, enhancement of the energy efficiency of existing Campus buildings, a project to transform the Campus into one Smart Urban District of the Future, installing new technologies in the ICT, energy and environment sectors, installation of 4 charging stations for electric vehicles.
Responsible authority	University of Genoa
Relevant legal basis	Local building code and permitting procedures
Policy Type	-
Governance Level/ Target audience	Local public body (university)
Objectives	Showcase project for a public body that wanted to stimulate innovation and apply B.A.T

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Summary of reasons for success	The project, though financed entirely with public funds (€8M), is an innovative one as it keeps together both RES and Energy efficiency (consists of 3 high-efficiency gas microturbines for cogeneration, 2 traditional gas boilers , 1 photovoltaic plant, 3 thermodynamic solar concentration systems, 1 water absorption chiller - lithium bromide, 2 electric storage systems based on lithium and sodium ions - nickel chloride, 4 charging stations for electric vehicles) and has the added value of implementing innovative technologies and stimulating replicability in other campuses around Italy. It also works as a showcase for local university students. Thanks to the project now this campus is member of the international sustainable campus network.
Replication potential	This is a model for other campuses
Relevant website	http://www.energia2020.unige.it/home/ A video can be found here https://youtu.be/fXRUjA-dkfw