

Castello Sostenibile

CASTELLO SOSTENIBILE

A SMALL-SCALE PROJECT IMPLEMENTED BY THE MUNICIPALITY OF CASTEL SAN PIETRO (TICINO, SWITZERLAND)

REGIONAL FORUM ON SUSTAINABLE DEVELOPMENT - UNECE

30.03.2023

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The starting situation



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Work integration programmes

Analysis of public buildings with the Petra Photovoltaics in municipal buildings Services for families Wood chip Project "Monte" recognized as Model project for sustainable spatial development by the confederation heating Agro-meteorological system School Mobility Plan green day for local companies Municipality Energy Desk **Light Pollution Ordinance** Childcare services Incentives for the exploitation of renewable energy in Contribution for purchase of alkylate petrol buildings Incentives for sustainable mobility Forest protection Second-hand market Grants for holiday camps and summer camps Publi-bike station Rare plants - Married grapevine traffic calming measures (30 km/hr) Renovation of municipal buildings to Minergie standard Classroom in the forest

Collection of wet waste for biogas production Courses for citizens on organic composting Creation of biodiversity areas Community nurse Supporting winegrowers for the practical Renewable heat evening coordination of Incentives for the organic and implementation of rainwater biodynamic initiatives recovery systems

Participation in Climathon

Energy Efficiency Incentives

Raising awareness of sparing water use

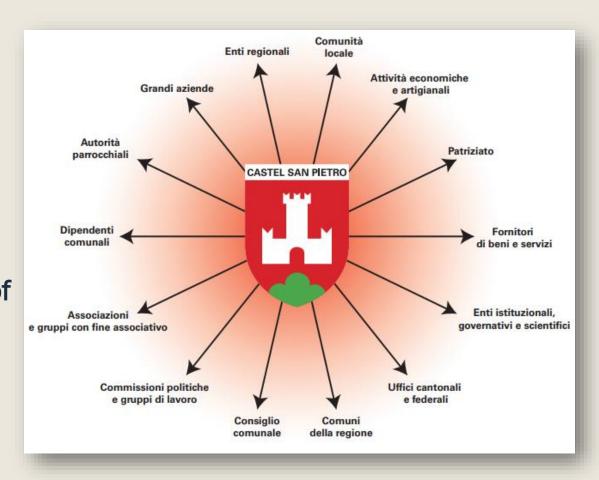
Contributions to projects of interest to third parties (Fondazione gole della Breggia, albergo diffuso Caviano, etc.).

Why Castello Sostenibile?

SOCIETA SOCIETA

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- To agree on a recognized framework (Agenda 2030)
- To bind the municipality with a strategic document
- To ensure a long-term vision
- To measure the impacts of policy choices and the result of efforts made under a single reference framework
- To adapt in time to the current trend in Canton of Ticino (regional government) where municipalities will be called to take action by promoting socially responsible behavior
- To create dialogue and communicate transparently with all stakeholders (accountability)



The three pillars of the project

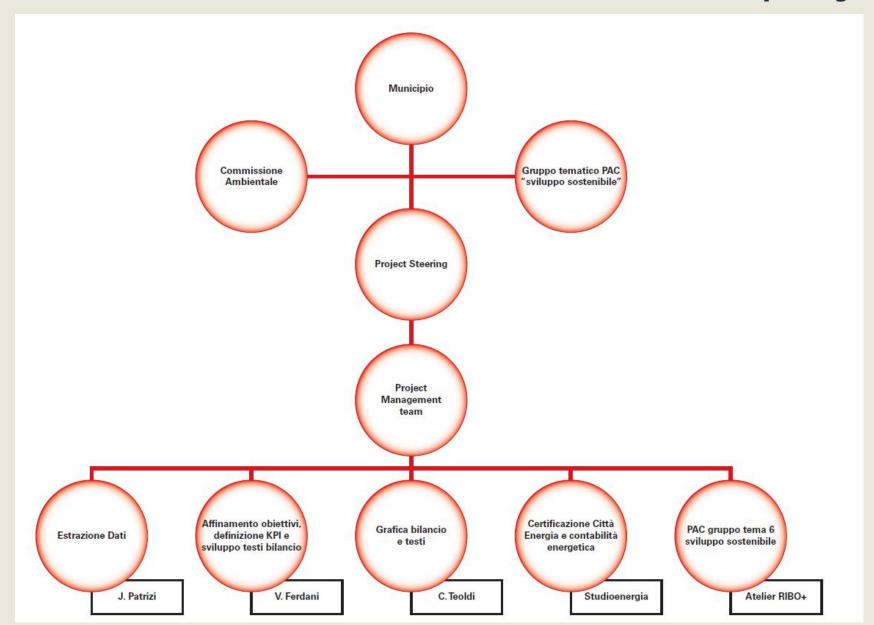


- Certification Cité de l'énergie, European Energy Award (obtained for the first time on the 15th November 2022 with a score of 63.8%)
- Definition of indicators and drafting of a sustainability report focused on the environmental dimension as a starting point (published on the 6th March 2023)
- Identification of sustainability strategies to optimize land use and space allocation (ongoing – municipal master plan (land use)



Castello Sostenibile – a team project





The scientific community validated a new method of assessment but also helped to innovate in terms of coming up with the right indicators

ongoing

consultation

with

the

scientific

community

Stakeholder engagement for the setting of the report



Consolidation of working groups and ensuring their involvement to secure a greater representative overview:

- Town Council
- Castel San Pietro administration
- Working groups (commissions)
- Academia
- Experts of Canton/Confederation departments
- Other municipalities (Stabio, Lugano, Bern)



A custom built methodology

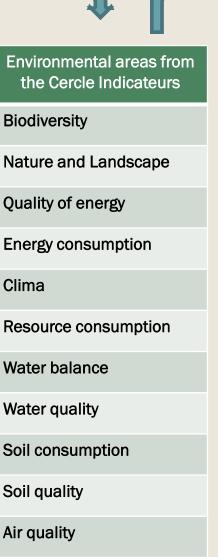


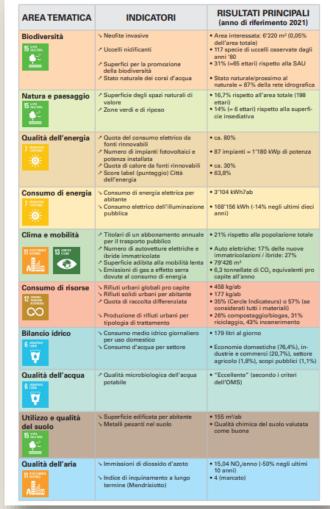


- The report has been structured according to the thematic areas of the **Cercle Indicateurs** (29 participating municipalities at the swiss level)
- Due to the inapplicability of some indicators, additional measurement models were taken into consideration (FOEN indicators, Eurostat, European Energy Awards,...)
- Synergies with label Cité de l'énergie
- Approval by the various working groups
- Input by Canton experts of Ticino
- Resulting in a set of 27 indicators

Sustainability report available on

www.castelsanpietro.ch









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- ✓ The Municipality is evaluating the various measures to be introduced for the environmental dimension and is planning the times and methods for their introduction.
- ✓ Monitoring of the indicators identified in the upcoming period and integration of the sustainability reporting in the annual Municipality's reporting.
- ✓ Matching internal experts within the municipality with assessment needs to support securing environmental, social and economic indicators towards a complete sustainability report according to recognized standards (GRI).
- ✓ Giving visibility and communicate on good practices while being by those of other locations.









THANK YOU FOR YOUR ATTENTION!