

Label

# 'Valtellina EcoEnergy'

**KEYWORDS:**

- Building culture
- Construction
- Closed loops
- Governance
- Planning Tools
- Ecology
- Energy efficiency
- Indicators
- Mobility
- Technology transfer

**TARGET GROUP:**

- Architects
- Builders
- Citizens
- Craftsmen
- Home Owners
- Planners
- Politicians
- Policy Makers



Knowledge Base

## Results and outcomes (use cases):

The certification protocol Valtellina EcoEnergy (VEE) is a voluntary local certification system able to be used together with the Regional mandatory Energy Pass for building constructions or renovations that fulfil specific requirements to be checked both during the design and the realization in the construction site.

For new constructions the minimum requirements are: the energy class B for residential and the energy class C for company buildings; for the refurbishment the label is guaranteed under the achievement of given % of energy saving, independently from the reached energy class. This is interesting and innovative because the main goal of the initiative is

not having some isolated very efficient class A buildings but guaranteeing a number of restoration of buildings, from a generalized poor quality to a generalized better quality (in terms of energy performance).

The sustainability of the building realization is also achieved: an added ECOPLUS performance label is given to the buildings that fulfil a number of specific requirements related to the reduction of emissions and water waste, the use of renewable energy sources, the use and promotion of local materials as wood and stone in the realization of structure.

It's definitely an initiative fostering a Closed-Loop Economy approach in the building sector.

### Description:

- The measure is promoted by the VEE Association (Sondrio Professional Associations of Industries, Craft, Commerce Tourism and Services, Direct Farmers) with the support of Sondrio Province and Chamber of Commerce; the technical entity is Politec Valtellina with the collaboration of Politecnico di Milano.
- The measure is not mandatory, it's on voluntary base and is local (the certified SMEs and professionals must be registered in Sondrio Province, but buildings can be certified also in other provinces).
- A specific mention is dedicated also to small restorations not achieving a high performance but improving locally the efficiency.

### Relevance for inter-municipal planning (AlpBC):

- The measure could foster cross sector cooperation, supporting the use of local materials (wood and stone) and fostering a Closed Loop Economy approach.
- The solutions have to be sustainable and environmental friendly and use local materials to obtain the advanced ECOPLUS label, so they must take into account as well landscape protection and conservation of traditional elements of building culture.
- Since also high performance solutions as well as local materials for structure, roofs and facades are suggested to reach VEE and ECOPLUS label (such as RES technologies and resource savings solutions but also stone and wood) the measure enhances for sure innovative solutions and use of local raw materials, promoting also traditional techniques.

### Relevance for policy goals (Alpine Space, Europe and the region):

The measure promotes sustainable and environmental friendly buildings, efficient use of resources, fostering of renewable energy sources with application of efficient technologies: a perfect balance of new technologies and tradition, aiming to contribute to 20-20-20 goals and to preserve traditional building culture elements.