

### Cluster Constructions

The Cluster works together with entrepreneurs, experts and enterprises that are dedicating themselves to the creation of value.

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#### Keywords:

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

#### Member group:

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



#### Results and outcomes (use cases):

The Cluster Constructions of the TIS innovation park is a network of innovative South Tyrolean enterprises of the construction sector.

The Cluster works together with entrepreneurs, experts and enterprises that are dedicating themselves to the creation of value. That's the way ideas become projects, projects become solutions to problems, which in turn become standards that can be brought to the market successfully.

The Cluster has the vision of a competitive South Tyrol that is able to conquer and to anticipate the global market due to unique competences, pursuing quality, uniqueness, efficiency, reliability and innovativeness.

South Tyrol could dispose of the most innovative construction sector in the world - the best ideas, the best talents and the best solutions will be "made in South Tyrol". In order to be the best, one needs to be unique. The mission of the Cluster is to accompany South Tyrolean small and medium-sized enterprises of the construction sector towards a continuous innovation process. Cluster activities have the target to realize new products, to enhance existing products, to optimize the use of resources and to develop new business models.

The Cluster considers innovation the essential instrument in order to create economic value and to achieve competitiveness.

In following web pages <https://tis.bz.it/en/cluster/construction/current-projects> and <https://tis.bz.it/en/cluster/construction/ongoing-projects> the Cluster results and goals.

### Description:

1. Who initiated or contributed to found the Cluster and when?

The results of the Cluster can be showed by the following projects:

**999**: developing of a housing prototype for cost-efficient residential building that meets the most important requirements of prefabrication. **Casa Attiva**: a research project on energy storage and intelligent energy exchange among different accommodation units. **ENERBUILD**: a project on energy efficiency and renewable energies in the building sector in the alpine space. **LISA**: design of barrier-free, accessible and adaptable housing, that can be lived in throughout a person's lifespan. These projects are last concrete goals achieved along the years.

The Cluster is a promoter of innovation; the general aim is to provide support for SMEs in the field of constructions, to stay in an increasing competitively market, and to pursue a constant technical innovation.

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

1) Many projects are related with the creation of networking between stakeholders, many other involve inter-regional or inter-national cooperation, i.e. Euregio, to create common markets or to match different solutions. 2) Matching different markets or facing common problems with different approaches or solutions led to improve rules and regulations, than possibilities and quality level in SMEs market. 3) A common willing of sustainability is the general issue in south Tyrolean building sector. The activities and projects promoted and accomplished by Cluster Constructions generally pursue the best possible ecological footprint.

5) Researching and promoting best ecological footprint led to a common "green culture", that permeates building sector, thus becoming a sort of territorial marketing or labelling.

Cluster Constructions provides also relevant on-going services, in order to keep SMEs supported or advised; the most relevant are the role of UNI/CEI information point and the support service in development projects (with public funds).

Innovative materials and techniques, innovative services, just ideas, can all be evaluated and led through a development path, from idea to enterprise.

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

1. Does the measure show an innovative and noteworthy way to improve the Alpine Space as living and working environment?

Intermunicipal concept and SEAP are the best way for to improve the Alpine space as living and working. The energy strategy is the best strategy for open new market in the building sector, that's in this period have a big recession. The way it's still for some time because the communication with municipality is always difficult, should be found a new strategy for improving this communication.

2. In which way does the measure increase sustainability and contribute to the EU energy goals?

Applying new energy strategy and developing new intermunicipal concept: the consciousness will be develop and improve in the future with i.e training for technical office of municipality , where involve the mayor too.