

## Renovation Coach

Contact: Sabine Erber

### 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

## Sanierungsbegleitung Wolfurt



Professionelle und  
 produktneutrale Begleitung von  
 Sanierungsprojekten

orientieren | planen | umsetzen



### Results and outcomes (use cases):

After a definition process for contact points we reacted to a wish of majors : They wished a support for renovation in the private sector. We defined a group of architects and energy adviser as pilot group. They Group has an advantage: they could take part in a funded service.

They are willing to spread knowledge: the connection EIV, renovation coach, architects, builder builds a triangle, which reaches a lot of people. We started with 5 renovation coaches, who wanted to work in Wolfurt.

The Concept is deduced from the "Servicepaket Nachhaltig:Bauen für Gemeinden" / "service package sustainable buildings for communities"

The Pilote project in Wolfurt was started in 2013, majors want to spread the concept to more communities.

### Task of the Renovation Coach:

- Renovation Coach sees himself as counselor of the builder and supporter of the planning team.
- He is a service provider and its expertise is available to the respective designers.
- Its mission is to support clients in the development of energy-efficient and environmental construction projects.
- For builders communities he moderates the owners meeting and supports the decision-making process in agreement with the property manager
- In the construction process, he ensures the quality of planning and implementation in relation to the objectives agreed.
- He takes over the submission and updating of the building pass (additional order) and advises clients in the choice of appropriate funding.
- After completion he brings together the necessary documents for the funding system and accompanied quality assurance. (Airtightness measurement, defect inspection)

**Description:**

**Benefit:**

- Increase of high quality renovations in Vorarlberg
- Increase of information flow from research to building grounds
- Concept for public buildings could be implemented in the private sector
- Reduction of renovation barriers like problems with property line or inheritance.

**Implementation:**

- The service has a fixed quota of hours, which is a flat rate charged by the builders.
- The Renovation Coach starts its activity in a pilot project, in which he is guided by EIV in the process and in quality assurance.
- Regular round tables of all renovation coaches and the EIV Team Service Package "Sustainable building in communities" enable sharing and problem solving

The contact points "renovation coaches" are a group of freelancer who are connected to Energy Institute by regular further education and information

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

The measure contributes to a better representation of building culture in overall planning processes, because an educated adviser helps private builder to organize the whole renovation process. The adviser could open the eyes of the builder for qualities and potentials of their own house. Also he looks for the assignment of an architect, who plans and does the tendering, which helps a lot to raise the building standard.

SMEs are supported in knowledge building, because all craftsmen and the architect of the building grounds come in contact with the renovation coach, who has regular information and education in Energy Institute. There for it is possible to reach people who would never attend a lesson in a classroom or read a brochure about new technologies.

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

In order to achieve energy independence, all energy consuming sectors, such as buildings, transportation, and commerce, must become efficient enough so that renewable sources can meet the remaining energy demand. The measure could help to receive more and better renovations with quality control and high energy efficiency.

Current, common, building practice creates a "dilemma of medium quality" by implementing building shells and ventilation concepts, that do not sufficiently lower heating demand of residential buildings enough to achieve climate change objectives. Missed opportunities do not return so quickly. Implementing medium-quality components creates a huge obstacle in climate protection strategy in the building sector. Due to much inactivity of residential building stock, this will become apparent rather late, i.e. high heating and power demand in 2030.