



Energy certification on Klimahouse scheme in Udine, Italy

Keywords	Energy certification Klimahouse Udine
Main photos	 
Objectives	<p>The main aims are the introduction of energy certification rules for in application of Klimahaus scheme. New buildings and refurbishments from 01.05.09 should be labelled at least with class B, that is a house with a surface heating requirement less than 50 kWh/mq.</p> <p>There are financial incentives: reduction of 25% of building charges, the repayment of certification costs.</p>
Description	<p>The Municipality of Udine has undertaken a series of initiatives to reduce CO₂ emissions and limit energy consumption, in which attention is devoted to local planning and management. This allows for the implementation of sustainable policies including the development of guidelines to adopt new design and technological solutions that encourage energy savings and the use of alternative energy sources.</p> <p>In 2003 the document "Regulations to provide incentives regarding building quality, rational use of energy and water resources and materials" set out a list of design and construction solutions, and a series of incentives which reduce the impact of urban growth.</p> <p>This set of regulations was an initial step towards a revolution in the way of thinking and acting concerning buildings and entail the serious commitment of the administration to implement the regulations on energy efficiency, just starting from its own buildings.</p> <p>The current energy certification rules are a further step on this way and they concern the performance of the building, of the heating system, the use of renewable energy sources, the water savings and the use of ecological construction materials. There will be promotional and educational measures with the collaboration of Energy Management Agency of the Province of Udine.</p>
Results / Achievements	<p>On the wave of success of KlimaHouse in South Tirol, we expect a important interest from planners and craftsmen and constructional companies and then a significant growth of low energy buildings.</p>
Friendly advice for replication	<p>Based on the experience of rules of 2003 we recommend to pay special attention to the following:</p> <ul style="list-style-type: none"> • The current legislative situation on energy certification systems in Friuli Venezia Giulia Region (and then in Italy) is complex, because there are several certification schemes not coordinated to each other. The risk is to create confusion and not make easy the diffusion of the ideas of energy efficiency and low energy architecture. • The financial incentives should be really effective for who build, or buy a house; • Communication activities must be carried on the long period.
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