

The Austrian Research and Technology Program on “Building of Tomorrow”

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The Austrian Research and Technology Program on “Building of Tomorrow” is a part of the Austrian Program on Technologies for Sustainable Development. It has been developed by the Austrian Federal Ministry of Transport, Innovation and Technology (BMVIT) with the goal to initiate and support trend setting research and development projects and the implementation of exemplary pilot projects. The program pursues clearly defined emphases, selects projects by means of tendering procedures and is characterized by networking between individual research projects and by accompanying project management.

The research and technology program "Building of Tomorrow" makes use of the two most important developments in solar and energy efficient building: the passive house and the low energy solar building method. For the purposes of the "Building of Tomorrow" subprogram, these energy centred innovations are expanded to take in ecological, economical and social concerns.

The "Buildings of Tomorrow" are residential and office buildings, and differ from current building practice in Austria by fulfilling the following criteria:

- higher energy efficiency throughout the whole life-cycle of the building
- greater use of renewable energy sources, especially solar energy
- greater use of sustainable raw materials, and efficient use of materials
- increased consideration of user needs and services.

However, the costs are comparable with conventional building methods

To introduce the program “Building of Tomorrow” an architectural competition of realised projects was initiated by the Austrian Federal Ministry of Transport, Innovation and Technology (BMVIT) at the beginning of the project in the year 2001.

More information:

www.hausderzukunft.at



Fig. 1a: Austrian competition 2000 „Building of Tomorrow“

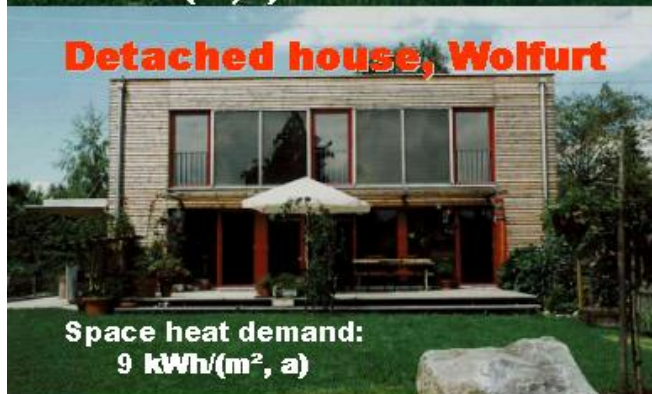


Fig. 1b: Austrian competition 2000 „Building of Tomorrow“



Fig. 1c: Austrian competition 2000 „Building of *Tomorrow*“

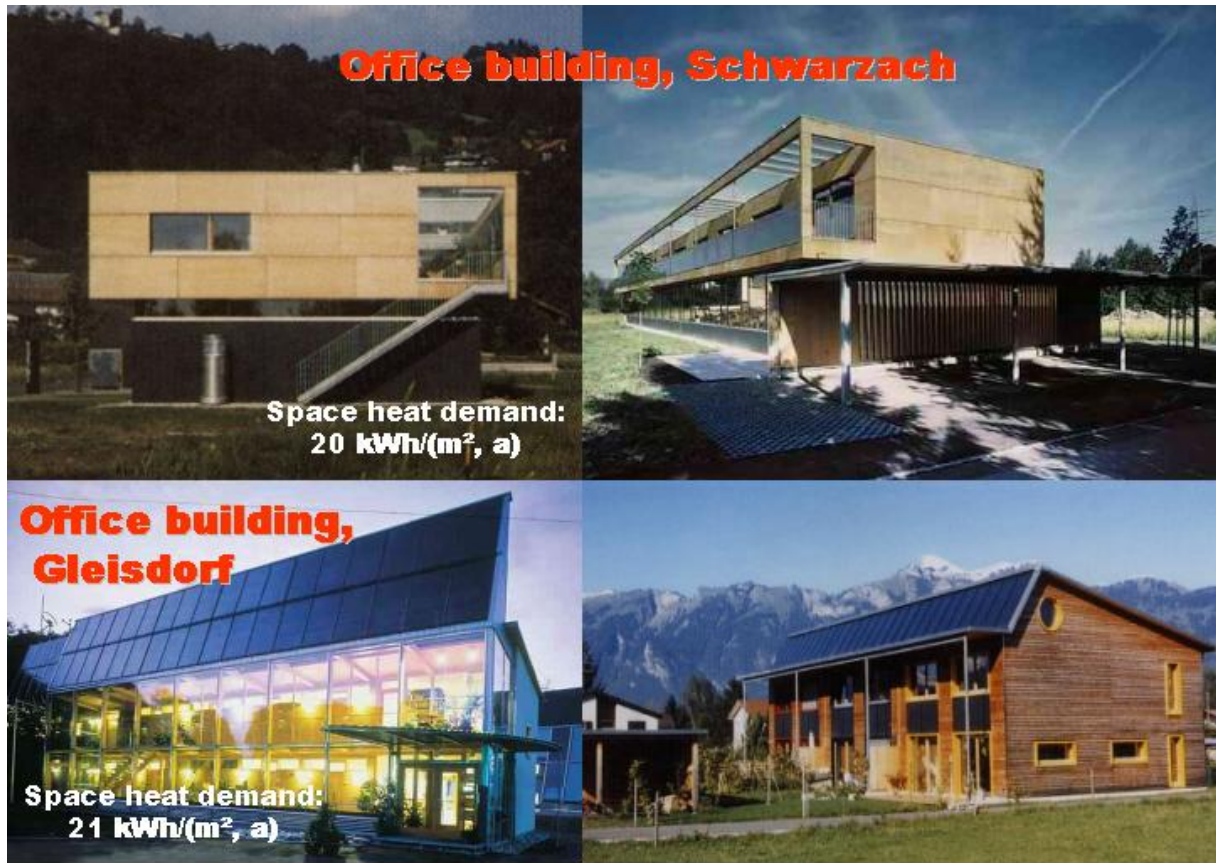


Fig. 1d: Austrian competition 2000 „Building of *Tomorrow*“



Fig. 1e: Austrian competition 2000 „Building of Tomorrow“