

Category Energy Services

Project-title: **Teaching-profession Sanitation- and AC-technician, Eco-energy-installations**
Applicant: Trade School Linz 8 (Distr. Upper Austria)

Initial Situation:

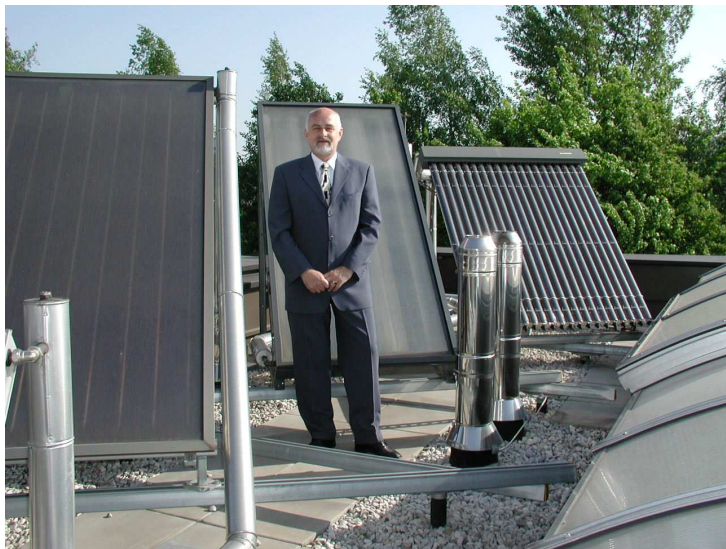
In 2001, following the recommendations of teachers, the Trade School Linz 8 started with the implementation of a new teaching profession. The goal was to optimize the education-program for the installation of eco-energy-systems, leading to a final official degree after 3 years of class. Content of education is the dimensioning of sites as well as final assembly of desired components, including controllers, their adaptation and connection to building equipment under special attention towards building standards and further more, keeping these facilities in service and maintenance.

Challenge/ Innovation

Components of eco-energy-systems can only develop their full yield of service if properly emplaced and precisely controlled within the context of different building equipment. It is this very service that makes the difference in terms of energy efficiency.

Results

The professional education-program was properly emplaced in Upper Austria. Meanwhile there are 101 alumni of this program, which has already become essential to the Upper-Austrian county-guild of Installations- Heating- and AC-technicians. These specialists for eco-energy systems are already in the field within about 50 firms -numbers of apprentices rising constantly. The Trade School Linz 8 is member of the "Eco Energy Cluster" in Upper Austria and since June 2007, "klima:aktiv-Partner" of the Federal Ministry of Agriculture, Forestry, Environment and Water Management. Within the frame of "modul-ing" the educational program of "installations- and building equipment", the module "Eco Energy Installations" will be implemented country wide and therefore become a crucial part of this teaching profession in whole Austria.



Potential/ Reward

With this teaching-profession, young people are for the first time offered an educational program within this prospering and promising field of technology. A survey within the more than 100 firms of the Upper-Austrian Eco-Energy-Cluster has brought forward the trend of a sharply rising demand for such Eco-Energy specialized personnel.

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