

Educational interfaces

Activities in the district Liezen

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LFZ Raumberg-Gumpenstein / Irnding

Study visit 2011

Raumberg-Gumpenstein, 11-10-2011

Generation innovation region Liezen



Supported project in the Styrian district Liezen:

→ *“Workshop renewable energy: research and experience”*

Head of project and organisation/coordination:

→ LFZ Raumberg-Gumpenstein (Mag.^a E. Finotti)

Target group:

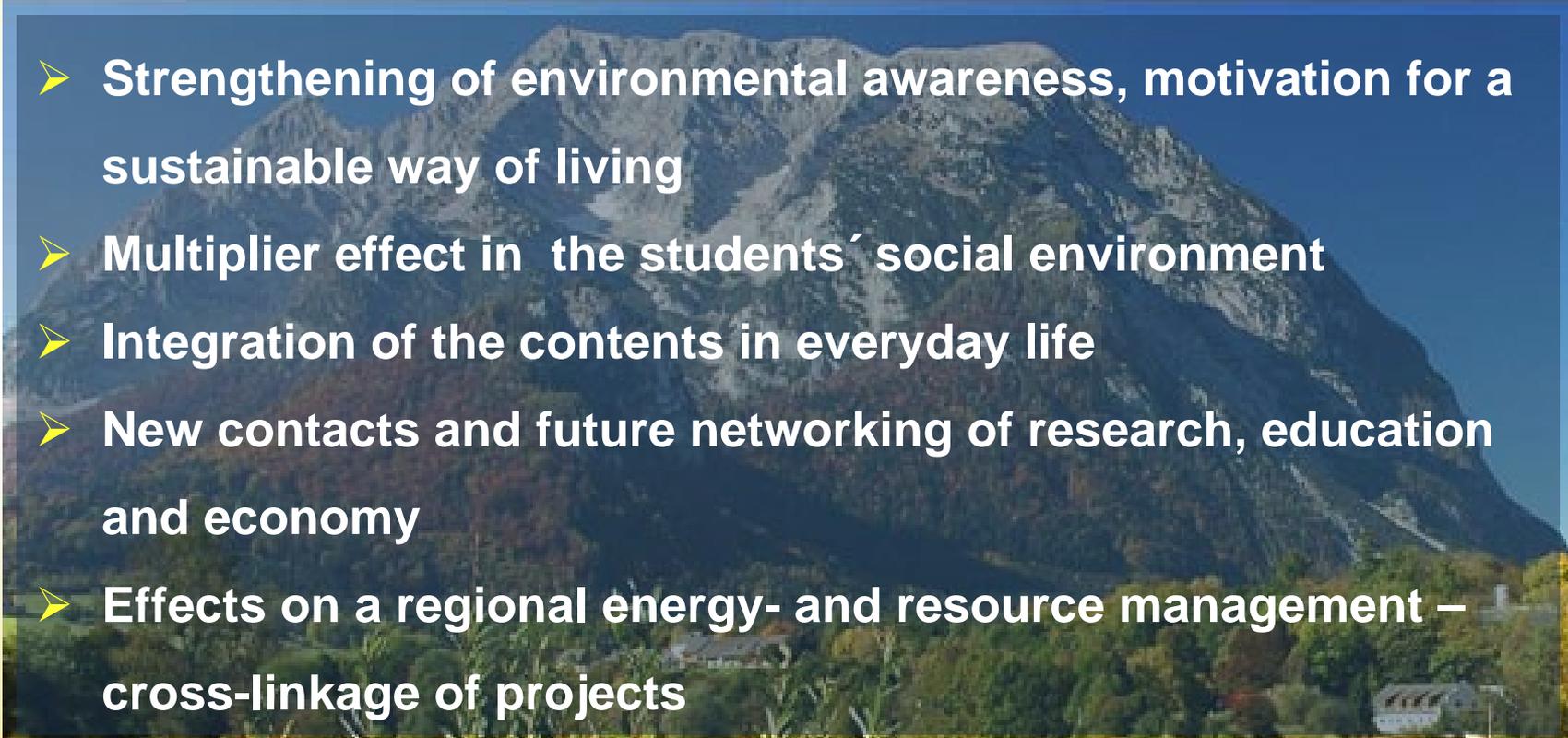
→ elementary/secondary (grammar) schools, agricultural colleges

Objectives of the initiative



- **Age-based transfer of knowledge from research and economy**
- **Sustainable learning by doing/testing/practising**
- **Set-up of a network between research, economy and education for a better future cooperation**
- **Enhancement of existing / new regional networks**
- **Occupational fields in technical and natural scientific areas for girls**
- **Educational and vocational upgrading of the supported region**
→ new job perspectives

Regional objectives in terms of the project's topic: ENERGY

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- Strengthening of environmental awareness, motivation for a sustainable way of living
 - Multiplier effect in the students' social environment
 - Integration of the contents in everyday life
 - New contacts and future networking of research, education and economy
 - Effects on a regional energy- and resource management – cross-linkage of projects

Focus – renewable energy



Energy consumption and Energy production:



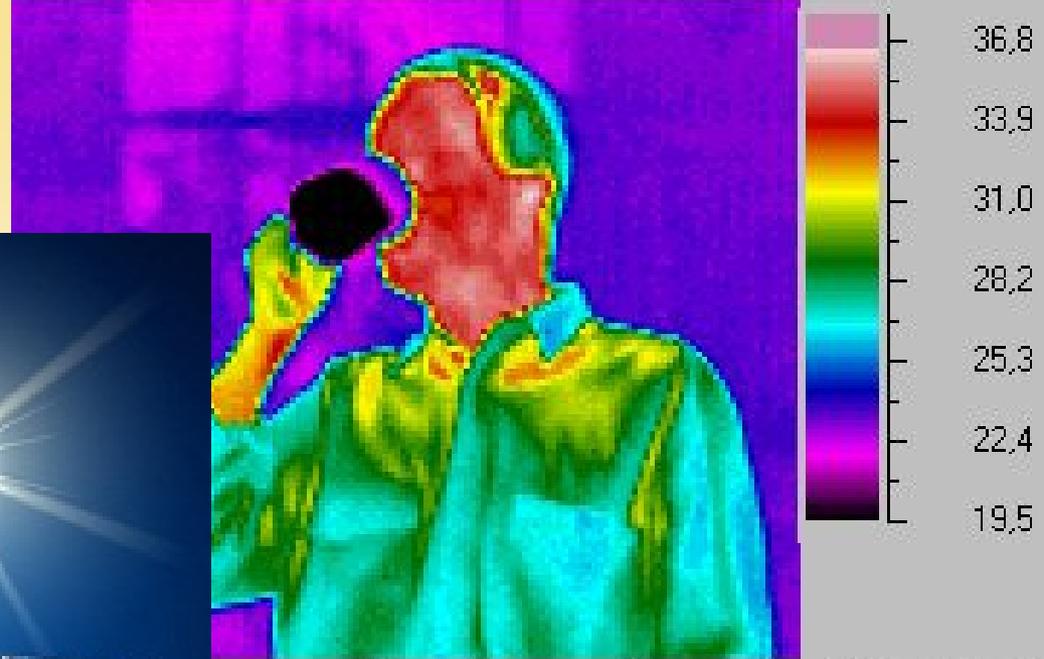
- ✓ sun
- ✓ wind
- ✓ biogas
- ✓ hydropower
- ✓ mobility
- ✓ ...



Structuring

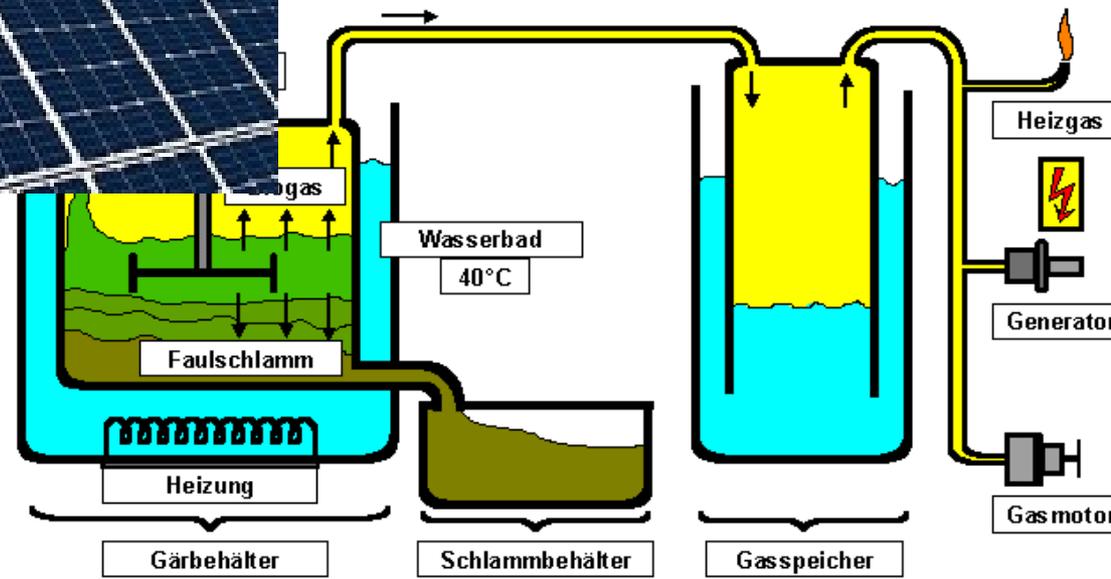
- **Realizing – what is energy: e.g. thermal imaging camera**
- **Use and discussion – mobility analysis**
- **Energy saving – mission minus 10 % electricity at home**
- **Travelling and mobility – E-bike, E-moped, E-car**
- **Equipment and technology – experimental lab**
- **Innovations / production – e.g. photovoltaics**
- **Excursions – wind energy plant, hydropower plant, ...**

Specials



E=1,00 A=25,0 GTS S160 © salsa.at

onsweise einer Biogasanlage



And excursions...



**Thank you for your attention
and
good luck for our
open space cafe!**

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