

# 13.01\_PH-SUMMER SCHOOL

## SUPPORTING ENERGY EFFICIENT BUILDINGS

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## CONTENT OF THIS PRESENTATION:

13.01.01 Support of the practical realization

13.01.02 Forced education and further education of competent experts

This very short presentation is an excerpt of strategies to support energy-efficient buildings.

## SUPPORTING STRATEGY No. 1:

**Support of the practical  
realization!**

Source:

## Support of the practical realization

# Influence factors on energy efficient buildings

- **Laws, guidelines, standards**
  - European (Building guideline)
  - National
- **Top support**
  - Research and demonstration objects
- **Common support**
  - Support (?)
- **Energy consultants**
  - for Cities, communities, industry and commerce
- **Education and further education**
  - Education of Energy consultants
  - Further education for architects, planners and craftsmen
- **Network formation**
  - regional, national, international
- **Public relations**
  - Press, TV, radio, .....
- **Politics consultation**

Source: nach H.Krapmeier, Energieinstitut Vorarlberg

Support of the practical realization

## Prospects for ..... ?!

- **Analysis of the total costs of buildings  
(Life-cycle-costs)**
- **Pilot projects for new buildings and renovation**
- **Local competence centers**
- **Education offensive**
- **No unnecessary intermediate steps**

Source:

## Support of the practical realization

# Prospects for ..... ?!

- ..... has a very high need of new buildings and for the renovation of the building stock!
- Each new building, each renovation without the highest energy efficiency weakens the national economy and weakens the political independence of the country!

Source:

## SUPPORTING STRATEGY No. 2:

**Forced education and further  
education of competent experts!**

Source:

Forced education and further education of competent experts

## Prospects for ..... ?!

- **Education:** The necessary specialized knowledge should be integrated as fast as possible into the technical education in all relevant disciplines. (mainly of course in the area of architecture and civil engineering)!
- **Further education:** Corresponding further education offers as well are necessary for planners, engineers, craftsmen!

Source: