

Regional Energy Outlook

Young Academic's Perspectives

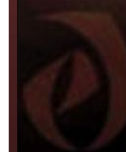


Contribution of the
Youth Encounter on Sustainability (YES)

“Rethinking our Energy Future:
Smart, Sustainable and Secure“

ETH sustainability

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

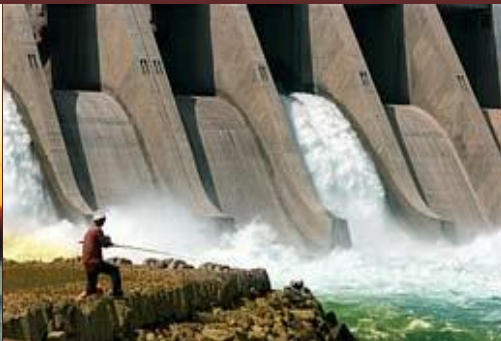


ACADEMIA ENGELBERG

Background



- 2 week project during YES 2006
 - 8 Regional Working Groups
 - Reports and Presentations
- 4 regions selected for follow up preparation to present at Dialogue on Science



Rationale



- Youth of today are key stakeholders in the energy debate, they will live with the consequences of the decisions made today, and in the past
- To address the challenges we MUST consider the complexities from a regional and culturally specific context
- Requires an approach from a multidisciplinary, multicultural and cross generational perspective

Content Framework



[2]

Analyse predicted social, economic, demographic and associated consumption trends

-> KEY CHALLENGES

Demand Forecasting

Future Trends

Current Situation

[1]

Characterise the Energy / Human Development relationship for the region

Alternative Energy Pathways

Sustainable Energy Future

[3]

Technical

Social

[4]

Define the goal of a sustainable energy future in your region from your perspective as young academics

Workshops



- **USA / Canada / Australia** (*Lobby Bar*)
 - Role of education and leadership for a sustainable energy future for the region
- **Middle East** (*Grosser Spannort*)
 - „My Place“: Challenging Assumptions about Iran’s Nuclear Energy Crisis
- **Europe** (*Bartholdysaal*)
 - Sustainable production and consumption: Ecodesign in Practice
- **India** (*Kleiner Spannort*)
 - Implementing Energy Projects for Rural Poverty Reduction: Selected Case Studies