

Desk research regarding Education on Climate Change



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Climate Change & Environmental Education

Environmental Education

Energy saving and renewable energy sources



UfU - Workshop

Prevention measures against leisure noise

Environmental accidents in the former GDR



Landscape Ecology

Sustainable use of Waters

Research on Bio-Indicators



Environmental Law & Participation

Research on the practice of the Citizens-Movement

Moderation of Environmental Problems



Focuses of the Dep. Climate Change & Education



- Energy saving and use of renewable energy sources at schools
- Climatic protection projects with children and youth at Kinder gardens, youth hostels, leisure homes)
- Connection of educational and practical measures of the ecological school management
- Production of training aids and information brochures
- Teacher advanced training
- Energy counseling

Topics of the presentation

1. General research questions regarding education on climate change
2. Desk Research on Educational institutions
3. Evaluation of the Desk Research
4. Next steps of the project

Research questions regarding education on climate change I

- Which set of values, cultural and emotional imprintings have influence on climate education?
- Which subjects are dealt with in the frame of education on climate change?
- Which methods are used? Do participational methods appear thereby? Are they spread widely?

Research questions regarding education on climate change II

- Which competences should be imparted, regarding to the teachers?
- In which way the outcome of the education is verified?
- Which methods lead to good results?

Desk Research on Educational institutions

- The Research was looking for places of findings that
 - **deal with education on climate change**
 - **also give information regarding the set of values, the theoretical background and elements of participation**
- We found and described about 100 Organisations
- Within a first-sight research we sorted out about half of it because of
 - **Highly technical orientated institutions**
 - **Merely publishing houses, with no own educational science or practice**
 - **Agencies, advertising enterprises etc**



Evaluation of the Desk Research

- We kept 51 sources and analysed them regarding the following items:
 - **Subjects they are dealing with**
Renewable Energies, Climate change, lifestyle, ...
 - **Foundations, they refer to**
ESD, Participation, political (youth-) work, progressive education
 - **Services and Materials, they are offering**
teaching materials, experiments, new media, brochures, political campaigns, leisure facilities

First outcome of the desk research I

Subjects	Renewable Energies	40
	Energy Saving	36
	Climate Protection	45
	Lifestyle / 1World	11
Foundations	ESD	12
	Progressive Education	16
	Self-organisation of youth	4



First outcome of the desk research II

Offers and Practical work	(interesting) teaching materials	22
	Participation of public and youth	24
	practice oriented education and projects	46
	Models, Experiments and media	42
	Leisure facilities and pedagogic	25
	Youth organisations and politics	6



First outcome of the evaluation

- When was the organisation founded?
New ones, very often it refer to ESD;
- In which country is the organisation set up?
Different countries seem to have different fashions.
- What kind of organisation is it?
School, NGO, University, publisher, energy agency, ...

Next steps of the project

- Formally evaluation of the above figures using statistical methods. So maybe we find some hidden coherences
- In either case we afterwards will centre on our own research,
 - **imbedded in our practical work with schools and nurseries and**
 - **during our international research visits in the US, China and European countries**



Many thanks for your attention!

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