Education for Sustainable Development (ESD) and Environmental Education (EE) in Bavaria

the tasks of the department „Umweltbildung, Bildung zur Nachhaltigkeit“, Bavarian State Ministry of the Environment and Consumer Protection (StMUV)

Tuesday Discussion, Rachel Carson Center, January the 31st 2017

Veronika Lohr, Referat 66 „Umweltbildung, Bildung zur Nachhaltigkeit, Bayerisches Staatsministerium für Umwelt und Verbraucherschutz
Education for Sustainable Development (ESD) and Environmental Education (EE)

„There ist no alternative to ESD “
Bavarian State Government

Minister-President

- Ministry of the Environment and Consumer Protection
  - 9 State Ministries
  - 7 District Governments
    - Executive and supervisory Authorities
  - 96 Offices of the County Executive
  - 2056 Municipal Administrations
  - Health and Food Safety Agency
  - Environment Agency
  - Nature Conservation Academy
  - Offices of Water Management
  - Bavarian Forest National Park
  - Berchtesgaden National Park

Inhabitants per District:
- 1.1 – 4.5 Mio

Inhabitants per County:
- 0.04 - 1.4 Mio
Structure and Tasks of the Ministry

Ulrike Scharf
State Minister

Dr. Christian Barth
Director General

- Administration
- Communication
- Politics, International Cooperation
- Consumer Protection
- Food Safety, Veterinary Issues
- Water Management, Soil Protection
- Nature and Landscape Protection
- Technical Environment Protection
- Nuclear Energy, Radiation Protection

Specialist Departments
ESD and EE in the StMUV

The first Ministry for the Environment in Germany, founded in 1970
Nature Protection and Landscape Management

Landscape Management

Nature Impact Regulation

Protection of Endangered Species

Natural and National Parks

Biotope Networks
Sustainability – an empty-word?

Sustainability has become a comprehensive or broad model for a lot of different aspects of life.

That means to pursue different, sometimes opposing aims.

The task is, to bunch a lot of processes to a new system or arrangement while always keep in sight the ethically central idea.

(Quelle: publication „Aus dem Wald in die Welt“, LWF, Zentrum Wald-Forst-Holz Weihenstephan und Verein für Nachhaltigkeit e. V., 2016)

„Quidquid agis, prudenter agas et respice finem“

„What ever you do, do it wise and think for the end“

from antique Greek poet Äsops
agreements of Education for Sustainable Development

- In the 1980is: UN → model of sustainable development (Brundtland-report, birth certificate of modern reasoning about sustainability)
- 2003 - 2014 UNESCO: UN-decade education for sustainable development
- 09/2000 UN: New York, 8 millenium goals (MDG`s), basis 1990, aim 2025
- 09/2015 UN: New York, Agenda 2030 = „world-future-contract“, 17 sustainable development goals (SDG`s)

Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
Great Challenges / situation in 2017

- get on with effects of an work against climate change
- get on with shortage of natural recources
- reach sucessful integration of refugees

These seems to be the greatest challenges of our current society.
Transformation towards a sustainable society

A society- and economiesystem can be denoted as sustainable, if for all people – the ones who live today and the future generations –

- a fulfilled and good life,
- free from material distress and
- in freedom with each other and the nature

Is that given today?
Sustainable Development

sustainable lifestyle and economy:
• politics
• society
• each individual

Sustainable Development concerns:
• ecology
• economie
• social affairs

Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
ESD / EE

What has to be done and what is still being done?

- create awareness for sustainability
- mediate „Gestaltungskompetenzen“ (= configuration competences, e.g. to scrutinize, to balance sth., to assess, to participate)
- motivate to get in action and create
How can ESD an EE be mediated?

- brain
- heart
- hand
Enzyklika „Laudato si´“, pope Franziskus 2015

„The young people urge a change. They ask themselves, how it is possible to seek the creation of a better future, without thinking of the ecological crises and the suffering of outsiders."

Islamic declaration to climate change, Istanbul 2015

Scholars of 20 different countries adopted this declaration calling the oil- and industrial nations to change to the use of renewable energies completely until 2050.

Each single Muslim is asked to contribute to the rescue of creation by leading a sustainable lifestyle.
ESD an EE in the Bavarian Constitution

- **Bavarian Constitution** (version from 1984) article 131 „aims of education“

  ...  

  (2) **Highest aims of education are** awe of god, respect of religios conviction and human dignity, self-command, sense and joyfulness of responsibility, helpfulness and openness for the true, the good and the beauty an **sense of responsibility for nature and environment**.

- **schools**
  guidelines for environmental education at schools in Bavaria from January the 22nd 2003
dual system – sucessfull partnerships

Non-governmental institutions

- associations for nature conservation (BN, LBV)
- other associations (VHS)
- churches
- Bayerischer Jugendring
- Jugendsozialarbeit in Bayern
- Eine Welt Netzwerk Bayern
- Arbeitsgemeinschaft Natur- und Umweltbildung (ANU)

Ministries

- Environment an Consumer Protection

With support of:

- Labor, Social affairs, Family and Integration
- Nutrition, Agriculture and Forestmanagement
- Education and Cultural affairs, Science and Art

Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
institutions, acteurs and support

- currently 54 public accredited Umweltstationen all over Bavaria (operated from e.g. LBV, BN, towns, communities)
- further offerers and acteurs of ESD and EE (associations for nature conservation, networks, education houses, communities, ….)

How can they get support by the government?

- submit project applications
- panel of expertes decides which projects will be supported financially by the StMUV
- to qualify for quality label and take part in activities
marketing and quality management – quality label „Umweltbildung.Bayern“

- since 2006 partner-like collaboration of 5 public and non-public institutions
- creating quality label „Umweltbildung.Bayern“ with fix quality criterias and at the moment 130 members (Qualitätssiegelträger)
- members offer about 31,000 events/year and that way reach almost 800,000 kids, teenagers and adults, who take part

**aims:**

- rising popularity of ESD/EE in the public
- qualification for staff members in ESD/EE
- until 2020: each year about 1.2 Mio. kids, teenagers and adults taking part in events and activities/offers in Bavaria


Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
geographical overview of institutions and acteurs in Bavaria

Umweltstationen and other institutions offering ESD an EE with quality label

Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
target groups and supported projects

Extracurricular sector:

- **Nursery, playschool, after school care**: „ÖkoKids – KindertageseinRICHTUNG NACHHALTIGKEIT“ initiated by LBV

- **Teenagers/Young**: „BNE in der Jugendsozialarbeit“ (ESD in the youth social work) initiated by Jugendsozialarbeit in Bayern e.V., Freiwilliges Ökologisches Jahr (FÖJ, voluntarily ecological year) in cooperation with the churches and Bund Naturschutz in Bayern e.V., …

- **Adults**: projects initiated by VHS, IHK

- **all age groups**: nature educations trails, campaigns (e.g. „Wertvoller Leben“ (comming to a sustainable lifestyle)
target groups and supported projects

- **schools**: „Umweltschule in Europa“ (environmental school in Europe), planned is „BNE an beruflichen Schulen“ (ESD at tradeschools), all initiated by Landesbunde für Vogelschutz Bayern e.V. (LBV)

- **Universities and Universities of Applied Science**: „Nachhaltige Hochschule: Kriterien zur Bestandsaufnahme“ initiated by the University Eichstätt-Ingolstadt and the LMU and in cooperation with the Netzwerk „Hochschule und Nachhaltigkeit Bayern“
„ÖkoKids – Kindertageseinrichtung Richtung Nachhaltigkeit“

- KiTas entwickeln individuelle Projekte relevant zu ESD
- Projekte sollten eine längere Zeitdauer haben und so viele Parteien wie möglich einbeziehen (z.B. Kinder, Erzieher/Erzieherin, Eltern, Gemeinschaften)
- Ziel ist, dass Kinder entscheiden und so viel wie möglich selbständig und frei machen
- Bewertung durch einen Urteilskomitee von Experten und Anerkennen

Tuesday Discussion, RCC, January 31st 2017, Veronika Lohr
ÖkoKids – KindertageseinRICHTUNG NACHHALTIGKEIT
- examples for projects

- work about the energy consumption at the Kita and at home
- upcycling-projects (creative work with rubbish)
- investigate animals and work about there needs, there relevance for the ecological balance
- learning about other cultures, possibilities do integrate migrants
- …

http://www.lbv.de/lernen-erleben/fruehkindliche-bildung/oekokids.html
Freiwilliges Ökologisches Jahr (FÖJ) – voluntarily ecological year

**What?** Working voluntarily for one year in an institution of nature- oder environmental protection, ESD/EE:

- ESD/EE with children, youngster/teenagers, adults
- foster biotop, mapping- and protective measures
- working in a protective measures for threatened plants and animals
- working in ecological agriculture or in forestry commission offices
- work at environmental authorities or associations
- work in wood-kindergarten

**Who?** young people from 16 - 27 after fulfilling there compulsory education

**How many?** about 200 FÖJ-jobs (Einsatzstellen) in Bavaria
schools introduce their profile concerning environmental activities
special projects and actions of the school-year and the classes
assessment by a jury of experts and honouring

world-wide and meanwhile on all continents represented project (startet in 1994)
part of world-wide Eco-School-Network of the Foundation for Environmental Education (FEE)
school year 2015/2016: world-wide 63 countries with 49,000 schools, 800 schools in Germany, in Bavaria 320 schools got an honouring
„Umweltschule in Europa“ – examples for projects

- Near-natural design of school yard (growing herbs, built a pond, run a schoolgarden,...)
- look for and forster a biotop
- develop an own energy-saving-concept for school
- international partnerships with schools in developing countries
- selling of fair-trade material for school, fair-trade-recycling-paper
- planting and fostering trees
- regional, fair an ecological food at school
- ....

http://www.umweltbildung.bayern.de/projekte/umweltschulen/index.htm
“Universities/Universities of Applied Science and ESD/SD“

**Intentions:**

- push ESD and SD at Bavarian Universities/Universities of Applied Science
- act in tight cooperation with „Netzwerk Hochschule und Nachhaltigkeit Bayern“ (e.g. network-meetings twice a year)
- act in continual communication with State Ministry for Education, and Culture affairs, Science and Art (create and improve suitable framework conditions)
- support networking between extra-scholar acteurs of ESD and EE with universities (e.g. cooperation projects)
- financial support of projects

http://www.umweltbildung.bayern.de/projekte/hochschulen/index.htm
current r&d-project

„Nachhaltige Hochschule: Kriterien zur Bestandsaufnahme“ („sustainable university: criteria to survey“)

realized kath. Universität Eichstätt-Ingolstadt (Frau Prof. Dr. Ingrid Hemmer, Lara Lütke-Spatz) together with LMU München (Prof. Dr. Markus Vogt) and in cooperation with „Netzwerk Hochschule und Nachhaltigkeit Bayern“

aims:

• develop a catalogue of criterias for offers, activities and measures of sustainability/sustainable development especially at Universities and Universities of Applied Science in Bavaria
• whole institutional approach (research, teaching, government, facility management, students, transfer/society)
• involve leaders, staff and students actively in process
• focus on starting an internal process rather than on reporting
• testing its practicability
DANKE

for listening!

http://www.umweltbildung.bayern.de/

Veronica Lohr, Referat 66 ,Umweltbildung, Bildung zur Nachhaltigkeit, Bayerisches Staatsministerium für Umwelt und Verbraucherschutz