

PROGRAMME

ICT and ESD Learning

A workshop to review selected ICT tools and plan an international climate campaign

Preston Montford Field Centre, Shrewsbury – UK

20th – 24th January 2008

Programme

Overall purpose

There is a growing number of websites related to education for sustainable development issues! Some people might say too many!

The overall purpose of this workshop is to examine the effectiveness of selected websites in facilitating education for sustainable as described in the United Nations Decade for Education for Sustainable Development. Based on this review, a plan will be made for an international climate campaign to be launched fall 2008 as a central activity in the EU-funded SUPPORT project.

Within the SUPPORT project we have planned to develop a website for an international audience and with focus on activities related to climate change. This website will be the main vehicle for a campaign that is proposed to -

- increase participants' understanding of the complex issue of climate change and their role in climate change
- provide tools and opportunities for participants to take action to monitor and reduce their climate impact and/or ecological footprint and to document the effects over time of their actions
- provide opportunities to act jointly by entering information about their activities in an international database in which results can be aggregated, analysed and communicated to interested users.
- allow participants to compare their climate impacts and the effects of their mitigation actions with others internationally
- encourage schools to partner with actors in their local communities to work toward sustainable development
- establish partnership between researchers and learners, thereby ensuring reliable methods and results that may be used by managers, scientists and others.

The goal is to launch the site and the campaign at the SUPPORT ICT-conference in Finland in September 2008 or at the Comenius contact seminar in Greece in November 2008.

Expected workshop outputs

1) Participants with a greater awareness and understanding of the opportunities for further development presented by selected ICT tools for learning for sustainable development, as well as their limitations

2) A workshop report including:

- Evaluations by the participants of selected websites with respect to education for sustainable development and with respect to the participants' own opinions on the kinds of tools, partnerships and opportunities for participation schools need, if they are to provide high quality ESD.
- Establishment of a SUPPORT development team, to be responsible for developing the SUPPORT international climate campaign and the ICT tools to be used in the campaign.

- Recommendations and reflections from the participants to the development team regarding the SUPPORT campaign and the structure and characteristics of the ICT tools

Participants

The workshop is an integral part of the EU-funded SUPPORT project and is open by invitation. The following have been invited to attend:

- 1 representative from each partner and member organisations in the SUPPORT project
- When necessary to provide competence in ICT and ESD, an additional participant from partner and member organisations
- invited experts with expertise in the interfaces of pedagogy, ICT and sustainable development
- invited practitioners (students, teachers, headmasters, program developers) with competence and experience in school partnership with community and research, ICT and ESD, and/or action-based campaigns
- the SUPPORT internal and external evaluator
- staff from the University of Bergen who will be developing the www.sustain.no site
- staff of the SUPPORT secretariat

As this is an ICT-based workshop participants are asked to bring wifi enabled laptops with them if possible!!

Sunday - 20th January

Arrival of participants and welcome dinner at 18.30

For those that arrive significantly early you might like to check into the Centre and then wander around the historic town of Shrewsbury – birthplace of Charles Darwin!

After dinner we shall have a short session to

- Formally welcome participants,
- Have an introduction to the FSC, Shrewsbury and Shropshire
- Briefly introduce the participants to each other
- Confirm the programme for the ICT workshop

Monday 21st January

- 0900 - 0915** **Welcome and the context of the ICT workshop as part of the SUPPORT project - Astrid Sandås, Norwegian Directorate of Education and Training and responsible for the EU-SUPPORT project**
- 0915-1100** **Presentation of the unique resources and competence the partners bring to the SUPPORT project and the ICT campaign, and their motivation.**
Each SUPPORT partner organisation will make a short presentation of the unique resources, competence and motivation their organisation brings to the SUPPORT project and the ICT tool and campaign in particular. A maximum of 3 minutes each and 2 slides.
- 1100 - 1130** **BREAK**
- 1130 - 1200** **ESD in practise – a presentation by the Head Teacher and students of Worthen Primary School** about the work they are doing to make their school a sustainable school.
- 1200 - 1330** **Keynote lecture by Professor Karl Georg Høyer, Østlandsforskning, Norway**

Ecological footprints, climate change, paths to sustainability and the challenge to education. Discussion

1330 - 1430 LUNCH BREAK

1430 - 1600 Good practice in the use of ICT in education for sustainable development

We shall spend the rest of the day experiencing and evaluating a number of web based tools that have been designed to promote education for sustainable development

Introduction Reinar Mathar will introduce the place of the ICT tool in the SUPPORT project as a whole. This will be followed by ten minutes presentations from members of the SUPPORT network that have been involved in the development and use of ICT tools.

www.miljolare.no and www.sustain.no - Astrid Sandas, Gaute Grønstøl and Faye Benedict

www.carbondetectives.org.uk - James Hindson, FSC and Jerry Hughes from Worthen Primary School .

www.nrk.no/norge2020/ - Gaute Grønstøl –

www.globalcampus21.inwent.org - Guenter Podlacha –

www.sinas.ufz.de - Karin Ulbrich

www.codenamefuture.nl/ - Judith van den Berg and Ella ten Barge -

www.switchonswitchoff.org/ Margaret Fleming -.

Participants are encouraged to look through the web sites before the workshop. The meeting will then agree on a set of questions that can provide a framework for the participants' discussion of the tools and the opportunities they present for ESD.

1600-1630 BREAK

1630-1800 Review of the of ICT Tools.

Participants will work in groups to discuss and assess the various tools and what they have to offer for ESD using a proposed framework. There will also be an opportunity for the groups to review other tools and suggest other web sites for the group to review.

During this sessions we shall “cross pollinate” ideas - 5 minutes where people migrate out of their groups and visit another group where the host will tell what they have been talking about, then go back to their home group.

Each group will have a table “host” plus a reporter

The output will be a response sheet for each tool from each group. The report should focus on good practise ideas that our SUPPORT ICT tool should aim to incorporate – and perhaps mistakes we should avoid? A short written report with group conclusions will be presented the following day.

1830 Dinner with a short presentation by a representative from Children and Young People's Services for Shropshire.

2000 Presentation and **continued review of ICT tools**
After dinner we shall have a short presentation from Judith van den Berg and Ella ten Barge reviewing young people's use of ICT tools for ESD

And then the groups might like to continue to work on their reports, until.....

2100 the Bar opens!

Tuesday 22nd January

0900-1000 **Summary from the previous day: Opportunities for using ICT for education for sustainable development**

A panel of the reporters will present and discuss the conclusions of their group discussions of the ICT tools.

1000-1245 **Synthesis: Our approach to Learning and to ESD**

Break into new groups to make a prioritized set of learning principles and principles of ESD that we wish our campaign and web site to follow and promote. Each group will have a reporter responsible for a written report form the group and plenum presentation.

Groups will take their own break!

Presentation and discussion in plenum

Output: an agreed set of most important Learning and ESD characteristics we want the SUPPORT ICT tool and campaign to have.

1245-1300 **Presentation and discussion of the work of the development team.** The team, consisting of the key partners to develop the SUPPORT tool and campaign framework, will present its ideas and open the floor for comments and suggestions. The team will take the ideas from the workshop and produce an implementation plan including terms of reference for the campaign and the web site? The group will also be a reference group for further development and implementation of the ICT tools and the campaign. This group will meet sometime in February after the workshop.

1300-1400 **LUNCH BREAK**

1400 **Planning the SUPPORT campaign and ICT tools – creating our ideas**

We shall work in groups for the afternoon to plan out:

- The topic of the campaign: is it climate change, CO2, reducing climate gas emissions, ecological footprint, impacts of climate change, mitigation measures at all levels, or a different topic?
- What are the expected outputs of the campaign?
- What actions are to be taken by the campaign participants?
- How can the participants act jointly?
- What partnerships and alliances can or will be established?
- How can the partners and others work to get schools and others involved?
- How can the ICT tool and web page support these ideas?

Output: Each group should produce a short report and a presentation of their ideas – ready for presentation on the Wednesday morning.

1700 Plenary Session to report on progress

1830 Dinner followed by the opportunity to visit a traditional **English Pub**

Wednesday 23rd January

0900-1200 Planning the SUPPORT campaign and web site - Sharing our ideas

Each group will present their ideas back to the whole group. Through the discussion of the ideas we shall try to reach consensus on the campaign and web site and define milestones and responsibilities in a preliminary action plan -- based on the ideas created at the workshop.

Output: The development team will be responsible for writing a chapter of the workshop report consisting of a summary of the workshop recommendations regarding the campaign and web site, and the outline of the action plan.

1200-1245 Evaluation of the workshop using materials developed by Mariona Espinet.

Travel reimbursement information. Closing of the Workshop

Arrival of new participants who will join those who have attended the ICT meeting immediately preceding the partner meeting. New arrivals are welcome to join the group for lunch and the program after lunch and dinner program, depending on the arrival time.

1330 Excursion to Shrewsbury

Shrewsbury is an old historic market town and the birthplace of Charles Darwin – plans are in hand to celebrate the 200th anniversary of his birth and the 150th anniversary of the publication of Origin of the Species. There will be a short guided tour of the town visiting some of the key Darwin locations!

1830 Dinner hosted by **Mr Tony Thomas OBE**, Chief Executive of the Field Studies Council and followed by **live music and participatory folk dancing**