



UPPSALA
UNIVERSITET

The Baltic University Programme



ANNUAL REPORT 2008

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The Baltic University Programme in 2008



The year 2008 was an important year for the Baltic University Programme, characterized by several novelties. We were involved in several important political events and strengthened our cooperation with other regions in the world.

As recognition of our work for sustainable development, BUP was invited to participate in a **CSD (Commission for Sustainable Development) Meeting at the United Nations in New York**. I headed the Baltic 21 delegation and our *Ecosystem Health and Sustainable Agriculture (EHSA)* project was accepted as an **UN Partnership for Sustainable Development**. Together with a group of colleagues, we held a presentation on the EHSA project at the Partnership Fair and participated in a Baltic 21 Side-event "*Reaching a Landmark – Ten years of sub-regional cooperation in the Baltic Sea Region and East Africa*" in connection with the United Nations 16 Meeting in New York in May 2008. Also other seminars were held within the EHSA project in Kaliningrad, St. Petersburg, Kaunas, Jelgava, Tartu and Vilnius during 2008. The process of creating an EU strategy for the Baltic Sea region started in 2008 and BUP was active at the first stakeholder meeting that was held in Stockholm in September.

For the first time ever, we held on 6-11th October a one week course on education for sustainable development (ESD) for two regions. The course was titled "**Training in ESD through an inter-regional perspective - The Baltic Sea and Mediterranean regions**" and 22 university teachers from the Baltic Sea region and 14 teachers from Greece participated. The course was held at Uppsala University. It was financed by Sida's Baltic Sea Unit for the Baltic Sea region and by EU's LEONARDO da VINCI Programme for the Greek participants. Many exciting discussions and exchange of experience were results of the course. This is the start of a rewarding cooperation between the Baltic Sea and Mediterranean regions on ESD.

For the first time we held two **BUP Students Conferences** the same year. The first one was held in Rogow, Poland on 16-20th April with 80 students on the theme Intercultural Communication and Sustainable Development and the second Students Conference on 12-16th November in Szczecin, Poland for 60 students on climate change. The 2nd Students conference was possible thanks only to financial

support from the Maritime University of Szczecin and for both from the Swedish Institute. Both sailing on the brig Chopin, **Sustainability Applied in International Learning (SAIL)** and on smaller boats in the **Mazury Lakes** took place in the summer of 2008. Another novelty for 2008 was that we could grant ECTS points to the students for both these summer activities. The BUP Centre in Hamburg held a **summer course on climate change and sustainable development** for BUP students on September 24-27th which was much appreciated.

On April 21-23rd, the **1st Scientific workshop of the Baltic University Water Management Network** was hosted by the University of Warsaw in cooperation with Warsaw University of Life Sciences. A **Teachers Training on Education for Sustainable Development ESD** was held in Molo, Poland on May 12-15th on the theme Intercultural communication and Didactics in Sustainable Development.

On the basis of several BUP projects on sustainable urban development Lars Rydén started an activity called **Urban Studies and Sustainability Management**. It is mainly a seminar series so far. Workshops have been conducted with cities in Poland, Lithuania, Latvia and Sweden. The project has produced some new publications.

In connection with the Centre directors meetings the organisation of the BUP network and tasks of the national Centres were in focus. This resulted in good discussions and agreement on future actions. A more stable base financing is still lacking for most of our activities. Therefore the Secretariat must continue to work with our financing "on a shoestring" as was noted in the international evaluation report of BUP performed in 2005 and with a therefore minimized secretariat. But if we all cooperate together and consider what we can do for the network, we will be successful in the long run!

Christine Jakobsson
Director of the Programme



"The purpose of the Programme is to promote and support universities and corresponding institutions in the development of the Baltic Sea region towards peaceful cooperation, democracy and economic, social and ecological sustainable development."

Instructions to the Board

Introduction

The Baltic University Programme is a network of some 220 universities and institutions of higher education in the Baltic Sea region, coordinated by a secretariat at Uppsala University, Sweden. The Programme main focus is to produce and offer courses for studies on sustainable development of the region, of its environment and its political changes. The Baltic Sea region is in this case the drainage basin of the Baltic Sea. There are 14 countries completely or partially within the basin, including the Nordic and Baltic States, Russia, Poland, and Germany, as well as the major inland states of Belarus, Ukraine and the Czech and Slovak republics. The region has 85 million inhabitants constituting 11% of the population of Europe.

The Role of Universities

Universities, where new generations receive their education, have a key role in the changes towards a democratic, peaceful and sustainable development of the region. This builds on a long tradition of internationalism within the academic world. Today universities also address the general public, and cooperate with authorities and companies when specialist competence is needed. These roles of the universities are needed even more after the dramatic political and societal changes that have taken place in our region.

Courses and Applied Projects

The Programme produces curricula and teaching materials. All of the courses have an element of regional studies and are interdisciplinary and problem oriented. The Baltic University Programme network intends to be useful to several sectors of society. The activities and study materials have been used in many of the countries as a resource to develop national strategies of sustainable development. The network has also been a resource in the development of cities. Cooperation with other actors in society in applied projects is an important part of studying and developing sustainability strategies.

Sustainable Development

The Baltic University Programme was initiated by Uppsala University in 1991. This means that the Baltic University Programme has existed for 17 years in 2008. It has its roots in the major changes in the Baltic Sea region at the end of the Cold War. Global efforts to promote sustainable development started during the same period, with the World Summit for Environment and Development in Rio in 1992. Sustainable development addressing environmental, economic and social issues has become a widespread goal during the changes in the Baltic Sea region. Today, the Baltic University Programme has developed into one of the largest university networks in the world. Several kinds of universities are active within the network: classical, technical, agricultural and pedagogical. The participating universities cooperate in areas of common interest for the whole region – a sustainable regional development.

Organization

The Baltic University Programme is led by an international board, appointed for a period of three years by the Rector of Uppsala University. The task of the board is to develop the contents and long term policy of the Programme, as well as to follow and support its implementation at the participating universities and institutions. Furthermore, the board works for the financing of the Programme and decides on its plan of activities. The day-to-day activities are coordinated by the secretariat located at Uppsala University. The secretariat also administers the Programme economy, including applying for financing and contacts with the funding organizations. The 15 centres distribute information on courses and develop Programme activities within their countries. All countries have one national centre except for Russia with centres in St. Petersburg and Kaliningrad and Germany with centres in Hamburg and Zittau.



The National Centres 2008

Belarus

Belarusian National Technical University, Minsk
Centre Director: Siharei Darozhka, Assoc. Professor

Czech Republic

Technical University of Ostrava
Centre Director: Alena Labodova, Dr.

Denmark

University of Copenhagen
Centre Director: Uffe Jakobsen, Assoc. Professor

Estonia

Tallinn University of Technology
Centre Director: Tatyana Polyayeva, Dr

Finland

Åbo Akademi University
Centre Director: Paula Lindroos, Dr

Germany

Hamburg University of Applied Sciences
Centre Director: Walter Leal, Prof.

University of Applied Sciences, Zittau/Görlitz,
Bernd Delakowitz, Prof.

Latvia

University of Latvia, Riga
Centre Director: Andris Spricis, Prof.

Lithuania

Kaunas University of Technology
Centre Director: Linas Kliucininkas, Assoc. Professor

Poland

Technical University of Lodz
Centre Director: Ireneusz Zbicinski, Prof.

Russia

Kaliningrad region
Kaliningrad State University
Centre Director: Elena Kropinova, Dr

North-Western region

St Petersburg State University
Centre Director: Victor Ionov, Prof.

Slovak Republic

Slovak University of Agriculture, Nitra
Centre Director: Pavol Elias, Prof. (until August 2008)
Alexander Feher, Assoc. Prof. (from August 2008)

Sweden

Gotland University, Visby
Centre Director: Hans Svensson, Dr

Ukraine

Ivan Franko National University of Lviv
Centre Director: Iryna Kriba, Dr

The Secretariat 2008

Director: Christine Jakobsson, MSc. Agr.
Network Manager: Maria Winkler, MSc. Econ.,
Project Manager: Ingrid Karlsson, Dr. Agr.
Web Master: Christian Andersson, Dr.
Producer: Magnus Lehman, MA,
Project Assistant: Lyudmyla Babak, MA
Professor Emeritus: Lars Rydén, Professor

The BUP Board 2008

Chair: *Lars-Christer Lundin*
Professor, Uppsala University, Sweden

Vice Chair: *Caroline Liberg*
Professor, Uppsala University, Sweden

Harald Runblom, Professor, Uppsala University, Sweden

Bengt Gustafsson, Professor, Uppsala University, Sweden

Per G. Berg, Professor, Swedish University of Agricultural Sciences, SLU, Uppsala, Sweden

Tone Tingsgård, Member of Parliament, Stockholm, Sweden

Carl Lindberg, UNESCO special advisor

Paula Lindroos, Dr, Åbo Akademi University, Finland

Ireneusz Zbicinski, Professor, Technical University of Lodz, Poland

Victor Ionov, Professor, St Petersburg State University, St. Petersburg, Russia

Student representatives:

Jakob Grandin, Uppsala University, Sweden (until 31 Dec 2008)

Yuliya Zhuk, Uppsala University, Sweden (from Jan 2009)

Karolina Basko, Technical University of Lodz, Poland (until July 2008)

Anatol Kalach, Belarusian National Technical University, Minsk, Belarus (from July 2008)

BUP Courses

The courses consist of undergraduate and master's level courses, as well as specialised courses for professionals and teachers. The task of the Baltic University Programme is to create a rich learning environment with books, films, Internet sites and conferences to study the development of the region. The courses are run separately by each university in the network. Students register at their home university, while course material is produced and distributed within the Programme. Video-, and audio conferencing and the internet, as well as summer camps, students' conferences and other student activities connect the student groups in the network. We also organize several university teachers training courses each year to uphold a good standard of knowledge and to introduce new teachers to our materials and courses. During 2008, more than 174 universities registered 9,492 students in a total of 278 course groups. An estimated 353 academic teachers contributed to delivering the courses.

International Courses

Baltic University Programme courses are international, multidisciplinary, problem-oriented, and based on ongoing research at the participating universities. The courses intend to give comprehensive knowledge on education for sustainable development, the environment and of the societies in the Baltic Sea Region. The courses are organized as an international cooperation within the network. In this way, we keep the best standard possible, considering that the topics chosen are so wide that no single university, East or West, has the competence needed to produce such a course on its own. The course groups in the different countries are offered possibilities to get in touch with each other, and to participate in common events, lectures and seminars, using information technology.

Teachers and Students Conferences

To support the university teachers in the network, seminars and conferences are arranged for various subject areas. Each year we organize one large teachers' conference on education for sustainable development and one teacher training on another subject. This year the subject was sustainable water management and a scientific workshop was held in Warsaw. Teachers get the opportunity to discuss with colleagues how to use the material, how to cooperate with practitioners, how to build networks and how to address questions of sustainability at one's own municipality. There are also regional resource persons – mentors and mentors assistants – for each course, whom the teachers may contact for further discussions.

Students are invited to attend summer camps, sailing trips and other events organized by the participating universities and the Baltic University Programme Secretariat. Students' conferences are arranged regularly to promote contacts, international understanding and democracy development.



Workshop at Student Conference in Rogow, Poland.

The Web Page & Distance Mode Course

The Secretariat web page (www.balticuniv.uu.se) is intended to be a resource for both students and teachers. It contains information on the courses and the course material, meetings and conferences, as well as the latest publications from the Baltic University Press. A discussion forum, a guest book and information about the countries in the Baltic Sea region can also be found. One part of the homepage is dedicated to Education for Sustainable Development ESD (www.balticuniv.uu.se/ESD) and much information can be found on this topic there. This part of the homepage is sponsored by the Finnish Ministry of Education via Åbo Akademi University.

In 2004, the first full distance mode BUP course was launched. The Sustainable Water Management 15 ECTS credits course has been studied entirely using internet since 2006. The distance mode SWM course is offered

by the Air and Water Science Section of the Department of Earth Sciences at Uppsala University. All course material (a total of some 600 pages) can be downloaded as pdf-format documents from the web page. Project tasks, Internet links, questions, and study groups, etc. are available or organised over the homepage. See further: www.balticuniv.uu.se/swm.

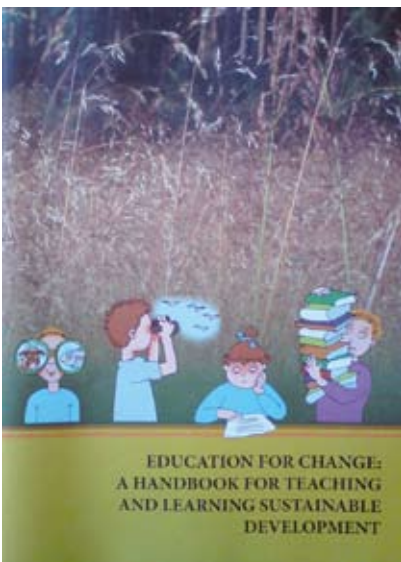
A web-based course Concepts of Sustainability (COS) giving 5 ECTS credit points was presented for the network during 2008 and offered by the Open University at Åbo Akademi University. This introductory course in sustainability is made in the open source learning platform Moodle with all course material electronically available. Included in the course material is Chapter 25, (Tage Sundström, Lars Rydén), from the book "Environmental Science – understanding, protecting and managing the environment in the Baltic Sea region" from 2003, which is one of Baltic University Press publications.



For more detailed information about the Baltic University courses, see the BUP web page <http://www.balticuniv.uu.se>

NEW COURSE FOR TEACHERS

We also launched a new course for education of school teachers on education for sustainable development during 2008 together with WWF. This course is called Education for Change (EduC) and is available in all major languages in the Baltic Sea region.



Undergraduate Level Master's Level

Environmental Science

The ES courses give multidisciplinary overviews of the situation of the environment in the Baltic Sea region and on how to manage and protect it. The courses provide an excellent background for studying the Baltic University courses on sustainable development. The 15 ECTS course can be divided into two modules which can be studied separately:

Environmental Science (15 ECTS)

- i. **The Baltic Sea Environment** (7.5 ECTS)
- ii. **Basic Environmental Science** (7.5 ECTS)

English for Environmental Science

This is an intermediate level English language course which develops comprehension, vocabulary and skills of expression. Terminology used in environmental studies is explained and practised.

The Baltic Sea Region Area Studies

The AS courses treat the Baltic Sea region and its societies under eight headings: history, culture, language, democracy, multiculturalism, social conditions, economics and security. The courses deal mostly with the conditions in the region after the systems change in 1989-91. Regional development is in focus with emphasis on democracy, human rights and economics.

The Baltic Sea Region (15 ECTS)

- i. **Peoples of the Baltic** (7.5 ECTS)
- ii. **Regional development and the Baltic Sea region** (7.5 ECTS)

A Sustainable Baltic Region

The course deals with sustainable use and management of natural resources and long-term protection of the environment. Important issues in the course are energy and energy use, material flows, economy and ethics, industry-, agricultural-, transport- and community development. The course is giving 7.5 ECTS credits.

Sustainable Water Management

The SWM courses are master's level courses focusing on issues of sustainable use of water and water resources in the Baltic Sea region. Students should preferably have a background in e.g., hydrology, geology, physical geography, agronomy, soil science, forestry or environmental engineering. The full SWM course consists of three modules which can be studied separately:

Sustainable Water Management (15 ECTS)

- i. **The Baltic Waterscape** (4.5 ECTS)
 - ii. **Water Use & Management** (4.5 ECTS)
 - iii. **River Basin Management** (6 ECTS)
- Sustainable Water Management is also in full a distance mode since 2006

Community Development

The CD courses are master's level courses focusing on sustainable community development and urban planning with an emphasis on the Baltic Sea region. The courses are interdisciplinary, problem oriented and preparatory for a professional career. The course includes three modules:

Community Development (15 ECTS)

- i. **The City** (4.5 ECTS)
- ii. **Building Sustainable Communities** (4.5 ECTS)
- iii. **Urban Sustainability Management** (6 ECTS)

Environmental Management

The EM courses address management in all kinds of organizations, although industries are in focus. They are well adapted for competence development for professionals. The course consists of four modules:

Environmental Management (30 ECTS)

- i. **Policy Instruments for Environmental Management** (7.5 ECTS)
- ii. **Cleaner Production and Technologies** (7.5 ECTS),
- iii. **Product Design & Life Cycle Assessment** (7.5 ECTS)
- iv. **Environmental Management Systems and Certification** (7.5 ECTS).

BUP Profile

Interview

Walter is Director of the German BUP centre situated at Hamburg University of Applied Sciences, Faculty of Life Sciences.



Prof. Dr. Walter Leal is BUP Centre Director in Germany.

– How is the BUP doing in Germany? How widespread is the BUP?

BUP is doing well and can look back to a tradition of over 14 years. We have a dozen or so universities members and they are informed about BUP activities. Unfortunately, many of them are passive and receive information without active feed-back.

– What do the teachers say about BUP?

Teachers are rather enthusiastic about Baltic issues and use the German BUP office on occasions, especially when they need specific information not readily available. Hundreds of students will attend for example the 3rd European Fair on Education for Sustainable Development, organised by the BUP office in Hamburg.

– And what are the difficulties?

There is limited interest in the programme due to the fact that there are no extra funds associated with it. Some universities do not fully appreciate the value of Baltic cooperation and prefer to work alone. Others are little active in Baltic environmental affairs.

– And possibilities?

Universities react positively when they are directly invited to contribute. Also, requests for information from the German BUP office are fulfilled quickly and this generates more interest. Overall, more marketing of the programme could be helpful.

– Is it easy to organise international courses?

Yes. We have a wide range of themes such as sustainability, renewable energy and climate issues which are relevant and timely.

– Have you been able to introduce SD in higher education?

Yes, by means of publications, courses and summer courses we have been able to contribute to the promotion of sustainability at the higher education level.

– What role do you see for BUP in the longer term in Germany?

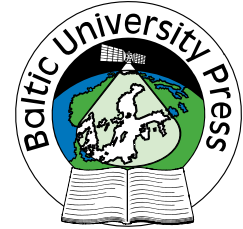
BUP is and will continue to be our bridge to the Baltic and to Baltic countries. By means of joint activities which have a Baltic dimension, we can learn from each other, share experiences and help to improve education and research at Baltic universities.



Hamburg University of Applied Sciences. Photo: Hauke Wittern. <http://www.panoramio.com/photo/19854389>

Baltic University Press

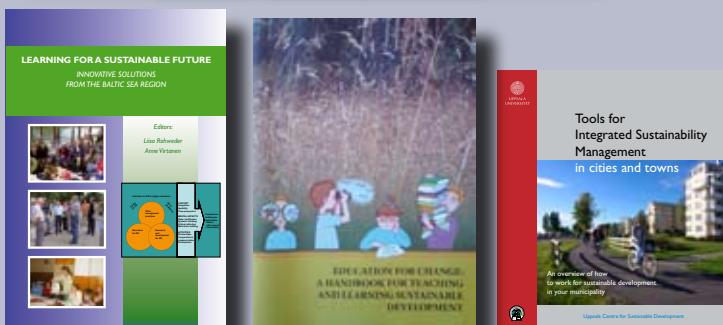
We produce books, booklets and video films for the Baltic University. The latest releases are presented below. A complete list of publications is available on the BUP website (www.balticuniv.uu.se) where you also can order material.



Books can be ordered at the website: www.balticuniv.uu.se



The books on Water management are also available in Russian.



- Environmental Management vol. 1
ENVIRONMENTAL POLICY
 Editor: Klemmensen, B., Pedersen, S., Dirckinck-Holmfeld, K.R., Marklund, A., Rydén, L.
 Price: SEK 400+6% VAT, 271 pages
- Environmental Management vol. 2
CLEANER PRODUCTION
 Editor: Nilson, L., Persson, P.O., Rydén, L., Darozhka, S., Zaliauskiene
 Price: SEK 400+6% VAT, 320 pages
- Environmental Management vol. 3
PRODUCT DESIGN AND LIFE CYCLE ASSESSMENT
 Editor: Zbicinski, I., Stavenuiter, J., Kozłowska, B., van de Coevering, H.
 Price: SEK 400+6% VAT, 308 pages
- Environmental Management vol. 4
ENVIRONMENTAL MANAGEMENT SYSTEMS AND CERTIFICATION
 Editor: Weiß, P., Bentlage, J.
 Price: SEK 400+6% VAT, 262 pages
- Sustainable Water Management 1
THE WATERSCAPE
 Editor: Lars-Christer Lundin
 Price: 200 SEK+6% VAT, 208 pages
- Sustainable Water Management 2
WATER USE AND MANAGEMENT
 Editor: Lars-Christer Lundin
 Price: 200 SEK+6% VAT, 240 pages
- Sustainable Water Management 3
RIVER BASIN MANAGEMENT
 Editor: Lars-Christer Lundin
 Price: 200 SEK+6% VAT, 244 pages
- ENVIRONMENTAL SCIENCE**
 Understanding, Protecting and Managing the Environment in the Baltic Sea Region
 Editors: Magnus Andersson, Pawel Migula, and Lars Rydén.
 Price: 500 SEK+6% VAT, 824 pages
- THE BALTIC SEA REGION – Cultures, Politics, Societies**
 Editor: Witold Maciejewski
 Price: 375 SEK+6% VAT, 684 pages
- ENGLISH FOR ENVIRONMENTAL SCIENCE**
 Editors: E. Korshuk, E. Savich, P. Solovyov, A. Tamarina, and I. Kryba
 Price: 150 SEK+6% VAT, 166 pages
- Superbs Case Studies vol. 1
BASIC PATTERNS OF SUSTAINABILITY
 Examples from Sweden.
 Price: 75 SEK+6% VAT, 84 pages
- Superbs Case Studies vol. 2
BUILDING AND RE-BUILDING SUSTAINABLE COMMUNITIES
 Examples from Poland, Estonia, Lithuania, Germany, Russia.
 Price: 75 SEK+6% VAT, 84 pages
- Superbs Case Studies vol. 3
PUBLIC PARTICIPATION AND DEMOCRACY
 Examples from Latvia and Russia.
 Price: 75 SEK+6% VAT, 52 pages
- Superbs Case Studies vol. 4
URBAN ENVIRONMENTAL MANAGEMENT
 Examples from Finland, Lithuania, Poland, Germany.
 Price: 75 SEK+6% VAT, 72 pages
- LEARNING FOR A SUSTAINABLE FUTURE**
 Innovative Solutions from the Baltic Sea region.
 Editors: Liisa Rohweder & Anne Virstanen. 208 pages
- EDUCATION FOR CHANGE**
 A Handbook for Teaching and Learning Sustainable Development.
 Editor: Gitte Jutvik. 72 pages
- TOOLS FOR INTEGRATED SUSTAINABILITY MANAGEMENT IN CITIES AND TOWNS**
 An Overview of how to work for sustainable development in your municipality. Author: Lars Rydén
 28 pages. Also in Polish, Latvian and Lithuanian
 Only available as Pdf-file

Conferences, Seminars & Events 2008

The Baltic University Programme arranged many conferences and seminars in 2008. Two teachers conferences as well as two students conferences were arranged in Poland with financial support from the Swedish Institute. For the first time a teachers training conference was organized jointly for two different regional networks, the Baltic Sea region and the Mediterranean region. This could be realized thanks to support from the Baltic Sea unit of Sida. The topic was education for sustainable development and it took place in Uppsala. In addition, there was a students sailing seminar at the Mazury Lakes, in Poland. For the first time the students sailing seminar on the Baltic Sea was arranged as a regular university course called SAIL. Many seminars were held as part of the EHSA project. In May we participated in the United Nations 16th Session of the Commission for Sustainable Development in New York. Two board meetings were held in Uppsala, Sweden. Below is a list of events held during 2008. For future events, see the BUP website, or subscribe to the Baltic University Programme Newsletter, which is distributed via e-mail.

EHSA seminar on Module 3

14-16 January
Kaliningrad, Russia

Centres Meeting

21-24 January
Lviv, Ukraine

EHSA seminar on Module 3

6-8 February
Tartu, Estonia

EHSA seminar on Module 2

11-13 February
St. Petersburg, Russia

EHSA seminar on Module 2

14-16 February
Kaliningrad, Russia

EHSA seminar on Module 2

18-20 February
Kaunas, Lithuania

EHSA seminar on Module 4

11 March
St. Petersburg, Russia

Urban development seminar

16 April
Kaunas, Lithuania

Students' Conference

16-20 April 2008
Rogow, Poland

SWM Teachers Training Scientific Workshop

21-23 April
Warszaw, Poland

EHSA seminar on Module 4

6 May
Jelgava, Latvia

BUP Teachers Training Intercultural communication and didactic methods.

12-15 May 2008
Molo, Poland

United Nations 16th Session of Commission for Sustainable Development (CSD-16)

6-7 May
New York, USA

Urban development seminar

12 May
Lodz, Poland

BUP Board meeting

2 June
Uppsala, Sweden

EHSA Editors Meetings

24 June
Vilnius, Lithuania

EHSA Authors Meeting

25-26 June
Vilnius, Lithuania

SAIL Student sailing seminar

29 June-16 July
STS Fryderyk Chopin,
the Baltic Sea & North Sea

Mazury Lakes Sailing

seminar
3-15 August
Mazury lakes, Poland

Water environment and spatial natural complexes: Study, use and protection

26-28 August
Petrozavodsk, Karelia,
Russia

BUP Centres & mentors meeting

10-13 September
Nida, Curonian Spit, Lithuania

BUP Summer Course on Climate and Sustainable Development

24-27 September
Hamburg, Germany

Training in ESD through an inter-regional perspective – The Baltic Sea & Mediterranean regions

6-11 October
Uppsala, Sweden

BUP Board Meeting

17 October
Uppsala, Sweden

BUP Students Conference on Climate Change

12-16 November
Szczecin, Poland

EHSA final teachers Seminar

26-28 November
Kaliningrad, Russia

EHSA final teachers Seminar

3-5 December
Warsaw, Poland

SD for Russian-speaking teachers

10-13 December
Petrozavodsk, Russia

EHSA final teachers seminar

16-18 December
Pushkin, Russia



Freezing organizers and participants of the course on Sustainable Development in Petrozavodsk.



Discussions at the interregional ESD course in Uppsala.



Teachers discussing Sustainable Development in Russia..



Musical session at the ESD conference in Uppsala.



Workshop with teachers from Greece and the Baltic Sea region.



Participants at the EHS Training Seminar on excursion to the new Veterinary Clinic at Tartu University of Life Sciences, February 2008.



Alan AtKisson lecturing at Training in ESD in Uppsala



Lyudmyla Babak lecturing in Petrozavodsk.

Students' Conference on Climate Change



Prof. Bernd Delakowitz lecturing. Photo: Jakob Grandin.

Students from 12 countries and 32 universities in the Baltic Sea Region discussed the defining challenges of our time in the BUP Students' Conference on Climate Change in Szczecin, November 2008.



Workshop at the conference. Photo: Jakob Grandin.

It is still possible to turn the trends of strained ecosystems, global warming and poverty and to move towards a future that is attractive, sustainable and fair. It calls for an interrelated effort where progress is made on all fronts at once. We have no more than ten years, probably less than that, to change our direction, decrease emissions of carbon dioxide, lower our impact on life-supporting ecosystems and move towards a sustainable future. Every month counts.

This was the message when concerned students from 12 countries and 32 universities in the Baltic Sea Region met to take on the defining challenges of our time in the BUP Students' Conference on Climate Change in Szczecin, November 2008. This was the first time BUP decided to arrange two Students' Conferences the same year. The conference was the first in a series of conferences arranged by the BUP Secretariat in collaboration with Cemus at CSD Uppsala, Uppsala University – leading up to the climate negotiations in Copenhagen in 2009. The conference was hosted and supported by the Maritime University of Szczecin and especially by Dr. Zbigniew Szozda. The Swedish Institute co-financed the conference.

At the core of the conference was the active participation of students in workshops, and experts from different fields came with valuable inputs and guidance for the process. The team of experts included

Dr. Andrzej Siemaszko from the Polish Academy of Sciences, Prof. Bernd Delakowitz from the University of Zittau in Germany, Ieva Bruneniece from the Ministry of the Environment of the Republic of Latvia, Staffan Tillander, Climate Ambassador at the Swedish Ministry of Environment, and BUP Director Christine Jakobsson.

Past and current development models have generated human welfare at the expense of natural systems. This needs to change in order to sustain human progress. We need to find ways of increasing human wellbeing that at the same time make natural systems flourish. In Szczecin, students took the first steps towards a vision of a sustainable society by discussing welfare and wellbeing, identifying key areas that can contribute to a sustainable future and coming up with concrete proposals of components that would be part of that future. They focused on the areas of education, innovation and investments, citizenship, cities and lifestyle. As members of the up-and-coming generation of the Baltic Sea Region, they identified key areas that need special attention:

- Prompt agreement on an action plan to decrease emissions that reflects the latest science and ensures an equitable global development. Leaders desperately need to move on in the post-Kyoto process to set a political framework that de-

livers decreased greenhouse gas emissions. This framework needs to be scientifically based, which means going back to a greenhouse gas concentration in the atmosphere of 350 ppm (rather than 450 ppm) in order to avoid runaway global warming. It also needs to be fair in the sense that it gives room for poor countries to increase their resource use in order to fight poverty. An ambitious and clear framework will stimulate innovation, create jobs and make the way for an attractive future for everyone.

- Implement sustainable development in education at all levels. Education at all levels, from preschool to universities need to work with education for sustainable development, providing the necessary framework, tools and models that are needed to understand and work with the defining challenges of our time. This puts emphasis on critical thinking, systems analysis and interdisciplinarity.
- Direct investment flows to promote innovation in sustainable technologies. Markets will likely not react quickly enough to stimulate the wave of innovation that is needed. Investors and governments need to take a proactive approach to guide development towards the low-carbon solutions that will power our future and away from

carbon intensive industries. Investment flows and economic instruments such as taxes and subsidies play important roles in this.

- Build cities for a bright green future. We live on an urban planet and how we plan our cities will shape our future. Cities need effective public transportation systems, proper waste recycling and increased energy efficiency of buildings.
- Involve people as citizens and empower consumers. Leaders have a lot to gain by involving citizens in the decision making processes. Instruments such as taxes as well as proper labelling of products empower consumers to make informed choices.

The conference led to the report “Towards an Attractive, Sustainable and Fair Future: The up-and-coming generation’s voice on climate change” which is available at the BUP website. Christine Jakobsen and Maria Winkler from the BUP Secretariat and Sara Andersson and Jakob Grandin from Cemus coordinated the conference.

Jakob Grandin

BUP Students Representatives

A Generation of Concerned Optimists

During the two years I have had the privilege to represent students in the BUP Board, what has struck me the most is the enthusiasm, commitment and optimism of the students, teachers and directors in the network. Participating in BUP activities together with people from the whole region are known to be life-transforming experiences, and as a students’ representative I’ve had my fair share of those – while navigating through a stormy Baltic Sea on the STS Fryderyk Chopin, when savoring a glass of Zubrowka in the company of newfound friends at a conference after-session, or at a workshop discussing the defining issues of our time.

I’ve seen how BUP activities make people grow, and help them find the capacity to take on a leadership role when our region meets the hard and complex challenges of our century. Positive visions for the future abound.

We desperately need that. The transition to sustainable, attractive

ways of life that are available to everyone on this planet is a transformation of all aspects of society in the same profound sense as the agricultural and industrial revolutions. The 30 year update of the classic Limits to Growth puts it this way: “The generations that live around the turn of the twenty-first century are called upon not only to bring their ecological footprint below the earth’s limits, but to do so while restructuring their inner and outer worlds. That process will touch every arena of life, require every kind of human talent. It will need technical and entrepreneurial innovation, as well as communal, social, political, artistic, and spiritual invention.”

Through the work with education, networking and applied projects, the BUP is important in increasing the capacity of the Baltic Sea Region to become sustainable. Essential in this is the inclusion of the up-and-coming generation of the region. We will

pay the highest price if humanity fails to come up with a proper response to the challenges ahead. We also have the creative energy and moral commitment that is needed in order to make our region a sustainable and attractive place to live in. Therefore, I’m very happy to have seen the student participation in the BUP increase during my time as a students’ representative, with students getting engaged both as organizers and active participants of students’ conferences and other events. We are the stakeholders of the world we are creating.

My warmest thanks goes to the BUP Board and the Secretariat for the inviting and optimistic atmosphere, and especially to my colleagues Marcin Stolarek, Karolina Basko and Anatol Kalach for our work together and many nice evenings.

Jakob Grandin

SAIL

Sustainability Applied in International Learning

2008 was the historical year for our summer sailing course. Our application for the Intensive Programmes (IP) to the International Erasmus Programme office in Stockholm for 3 years support for the BUP sailing project (2008-2010) was successful! So this year for the first time the BUP sailed under two flags – the Baltic University Programme and Erasmus flags! Our project - SAIL - *Sustainability Applied in International Learning* - received a very high mark and was found innovative – which after 10 years of existence of the project sounded a bit strange but still very flattering.

Experts said: "The project proposal contains very innovative elements as the Intensive Programme (IP) is supposed to take part at sea, i.e. a mobile IP, taking the participants around the Baltic Sea. Also the feature of combining academic studies with the hardships of sailing a boat is highly innovative and interesting."

The experts left a recommendation as well:

"It comes recommended that the part concerning the recognition of the studies and the usage of ECTS for the students completing the course is clarified and developed as full recognition is encouraged by the European Commission."

We immediately followed this advice and after just a few months the first in history Baltic University Programme course (with quota-based admission) given by the Baltic University Programme secretariat had been successfully registered at Uppsala University. The sailing course - SAIL - Sustainability Applied in International Learning - registered as a summer course, gives to all participating students who passed the requirements 7,5 ECTS credit points.

To celebrate this success we took Erasmus with us on this first sailing trip from Kiel/Germany to the Norwegian fjords and then brought the ship back to Poland! On board the Polish brig Fryderyk Chopin we had 29 students com-



ing from 12 Baltic Region countries and a group of 8 active, open minded, and motivated teachers who planned and conducted the course.

Workshops, seminars and group discussions took place during 17 days at sea.

Included in the course were:

- the concept sustainable development.
- United Nations role for a sustainable development.
- Our common Baltic Sea and its function as an indicator for a sustainable development in the countries of the drainage basin.
- The sailing ship is also a model of a sustainable society.
- Visions of a sustainable society

This course is different from all other courses as it is performed on board a sailing ship that is sailing and that, in addition to participating in the course, both students and teachers are crew members on board and are obligated to share all duties such as sailing and navigating the ship, cleaning, cooking etc. All participants are divided into watches and are responsible for all work on board during the cruise. All of them are forced to cooperate and live close together for nearly three weeks. The teaching staff was international as well and the teaching experience they gained together was unique and had a very special value as well.

Maria Winkler



Teacher Training Seminar on Sustainability for Russian Teachers in Petrozavodsk

Petrozavodsk is the capital of Karelia, situated on the western shore of Lake Onega North- East from St. Petersburg. One could imagine that it is extremely cold there in the middle of December. But it is not! As a guest from within the BUP Network you may feel the icy wind outside, but your heart is warmed by the friendly and generous people you meet. You understand also immediately, that our BUP colleagues working at the Northern Water Problems Institute of Karelian Research Centre Russian Academy of Sciences - the hosts for our seminar in December 2008 - are hard working and very interested in and devoted to sustainability issues.

The seminar was held in Petrozavodsk, 10-13 December 2008. 24 university teachers and teachers of extra curriculum education from Petrozavodsk, St. Petersburg, Velikiy Novgorod and smaller places in Karelia took part in the seminar devoted to issues of sustainability and methods of education for sustainable development.

The idea behind this seminar is to address the fact that not all teachers in Russia have sufficient knowledge of English in order to participate in international conferences, seminars and training programmes. It is sometimes the case that teachers and other experts who do not master the English language have less access to up-to-date information and have fewer possibilities to meet foreign colleagues and establish cooperation. Due to funding from the Nordic Council of Ministers we could in this case organize a more costly seminar for Russian teachers in which all materials, all lectures (sometimes with an interpreter) and all group work was conducted in the Russian language. Another important aspect of this seminar was that it was organized in a more "remote" area than we usually visit. This is a strategy that we will try to follow more often in the future, with the aim to reach more academic teachers also in medium and small cities and towns. Distance, borders and language barriers should not be an obstacle to capacity building and competence development.

Experts from Denmark, Finland and Sweden were invited to take part in the seminar. Lectures were also performed by our Russian colleagues participating in the course and/or working at the institute. The topics of lectures, group works and discussions were focused on Education for Sustainable Development (ESD), Methods for learning ESD, Cross cultural communication, Climate change, Current environmental issues, Ecological economics, and Environmental English. According to the participants' evaluation the programme was interesting, well balanced and fruitful, and especially the participatory exercises and the demonstrations of pedagogic methods were highly valued. It was explicitly mentioned in the seminar evaluation that many persons hoped for such seminars to be held regularly in the future.

The BUP secretariat staff and international experts were also invited together with the seminar participants to see and experience Karelian culture. A group of young musicians played the national Karelian instrument kantele and performed folk songs and dancing for – and together with – all participants. We were also invited to try old handicraft



methods such as woolspinning at the Center of Karelian handicraft. As an extra treat we were given a taste of the beautiful summer nature in Karelia at the visitors center of the impressive National Park "Vodlozherskiy".

The realization of the seminar was perfect due to great organizational skills and hard work performed by the coordinator of the seminar in Petrozavodsk Dr Tatjana Regerand, leader of the Educational-Scientific Centre of The Northern Water Problems Institute. Also we want to give special thanks to one of the best Russian-English interpreters we have ever met in Russia, Olga Kislova from the Karelian Research Center, Russian Academy of Science.

We now want to organize similar seminars in several cities in Russia and in other countries with which we have a long history of cooperation and where the language sometimes is an obstacle for communication and learning. The secretariat in Uppsala is trying hard to find more possibilities for the financing of such events and urge the National BUP Centers to assist in this work.

*Ingrid Karlsson, project leader
Lyudmyla Babak, project assistant*

BUP at the United Nations Commission for Sustainable Development 16 Meeting



The globe outside the United Nations building in New York. Photo C. Jakobsson

Every year since the Rio Declaration on Sustainable Development in 1992, the United Nations organize a Commission for Sustainable Development (CSD) Meeting to follow up on the global process. These meetings take place at the United Nations in New York, US. CSD's work program is based on different themes in two year cycles. The even years are review years when CSD focuses on progress and challenges and checks up on how the member countries are fulfilling their obligations from Rio and Johannesburg. Clarifying obstacles for realization, exchanging experience and spreading good examples are also on the agenda. The uneven years are policy years, when CSD clarifies the obligations and actions within areas identified as problematic. During the policy years negotiations on policy recommendations take place to speed up the implementation of Agenda 21 from Johannesburg. At the CSD 16 Meeting (review year) in 2008 the subjects were agriculture, rural development, land use, drought, desertification and Africa.

In April the Ecosystem Health and Sustainable Agriculture project was accepted as a UN Partnership for Sustainable Development A result of this was that we were invited to give a presentation at a Partnership Fair in connection with the CSD meeting this year and in coming years. On May 6th a one hour seminar was held. Director Christine Jakobsson gave a presentation of the project concept and goal, the partnership, project organisation and of the two networks Baltic University Programme and Envirovet Baltic as well as some examples from the educational package on Sustainable Agriculture. Examples from the educational package on Ecology and Animal Health were given by Prof. Leif Norrgren, Swedish University of Agricultural Sciences, and Prof. Val Beasley and Director Thomas Gillespie, University of Illinois, Urbana-Champaign. The seminar ended with a discussion.

In the afternoon May 6th Christine Jakobsson as Head of the Baltic 21 delegation gave an intervention for Baltic 21 in connection with the Session on Regional Development. This was reported in the Earth Negotiations Bulletin and also on the homepage: <http://www.iisd.ca/csd/csd16/>

In the morning of May 7th a preparatory meeting was held at the Swedish Mission for the coming side event. Later that day, Baltic 21 organized a side event on cooperation between the Baltic Sea and Lake Victoria regions "Reaching a landmark - Ten years of sub-regional cooperation in the Baltic Sea Region and East Africa". During the panel discussion, the value of exchange of experience between regions with similar conditions such as a common sea became obvious. Problems differ and it is important to discuss cooperation models. From the Lake Victoria region it was stated

a desire for continued close cooperation, especially regarding institutional strengthening, technology, spatial planning and capacity increasing measures. Anne-Cerise Nilsson from the Swedish Ministry of Environment, Chair of Baltic 21, participated in the panel. Christine Jakobsson presented the EHSA project, an example of a Baltic 21 Lighthouse project. Guldbrand Skjönberg from the Union of the Baltic Cities (UBC) mentioned some experiences from their project in the Lake Victoria region. Geneve Mulugeta from the BUP Secretariat described the university network he is building around Lake Victoria modelled on the BUP.

It was obvious from the discussions that the situation in the Baltic Sea region and parts of Africa is very different and that the conditions for civil society to participate in the public debate are very different between countries. Much material on the Baltic University Programme was distributed during the meetings. Many delegates from different parts of the world were seen walking around with BUP's annual report or pamphlets. We also presented two banners, one on BUP and one the EHSA project. CSD is a meeting with many parallel activities ongoing simultaneously and also people coming and going from all over the world. It is always possible to find something worthwhile listening to in a meeting room. It gives a tremendous possibility for networking and for spreading information.

Christine Jakobsson

More information can be found on <http://webapps01.un.org/dsd/partnerships/public/partnerships/2352.html>.



The Baltic University Programme in New York at the United Nations Partnership Fair. From left: Geneve Mulugeta, Tom Gillespie, Christine Jakobsson, Sam Okello, Ann-Cerise Nilsson, Leif Norrgren, Risto Veivo and Val Beasley. Photo: Guldbrand Skjönberg.

Financial Report

For the second year in a row the BUP shows a positive operational result (+626,636 SEK). The economic revenue of the Baltic University Programme for 2008 was 7,414,339 SEK and had increased by 224,416 SEK compared to 2007.

Revenues and Costs

The main source of income consists of government grants from the Ministry of Education on 2,271,928 SEK and from Uppsala University on 960,000 SEK. These two sources represent approximately half the amount of income. The rest of the financing of the BUP comes from the many project applications produced by the BUP Secretariat. From the Swedish Institute 1,525,000 SEK was granted for many activities to be held within the network. The other large project financing came from Sida Urban and Sida's Baltic Sea Unit. In total an increase in compensations and grants was noted compared with the previous year. A remuneration from the Faculty of Technology and Natural Science at Uppsala University for the overhead to a sum of 114,462 SEK was received in 2008.

Network Activities

The costs for activities of the BUP Centres, the Board, student activities, and teachers' conferences, increased compared to previous years. Funding relied mainly on the SI Visby Programme, with Sida's Baltic Sea Unit and the Finnish Ministry of Education as managed by the Finnish centre as additional sources. The Polish centre contributed to financing the summer sailing activity on the Mazurian lakes via an ERASMUS IP grant. The SAIL course was also financed by an ERASMUS IP grant via the BUP Secretariat. The Teacher Training in Petrozavodsk was financed by the Nordic Council of Ministers. The universities, which host centres, all contributed to covering costs for the centres; the value of this is estimated to 1 MSEK. Likewise, the hosts of the students and teachers conferences contributed in both financing and organisation. The student conference that was held during the autumn was made possible thanks to the grant from the Maritime University of Szczecin.

Baltic University Programme Courses

The costs for running courses are covered by each university. The value of this activity is difficult to estimate, considering the very different conditions of the universities in the network. The most reasonable estimate seems to be that costs outside the BUP organisation itself are equal to the costs inside the organisation. Then course costs for close to 10,000 students would be some 6 MSEK.

This year's result and the balanced result

A positive result was noted for 2008. This cautious approach for budgeting was continued for the second year by the new Director partly due to the previous accumulated losses from many years and due to organizational changes. It can be acknowledged that the BUP secretariat has during both 2007 and 2008 been able to maintain financial discipline.



OPERATIONAL REVENUES	0812	0712
Government grants	3,231,996.00	3,231,928.00
R&D-grants	347,512.59	301,178.76
Fees & other compensation	1,449,920.38	739,823.85
Grants from authorities/financiers	1,972,858.61	1,365,895.10
Other grants	168,279.88	1,473,751.58
Financial revenues	83,574.80	48,047.46
UU common revenues	16,650.00	29,298.72
Faculty common revenues	143,547.00	0.00
TOTAL REVENUES	7,414,339.26	7,189,923.47

OPERATIONAL COSTS	0812	0712
Salaries	-2,723,004.04	-2,999,567.40
Fees	-104,256.58	-72,752.15
Other compensation	-74,813.47	-56,038.62
Other staff costs	-54,593.31	-33,529.01
Education, conferences	-38,973.62	-12,689.80
Premises	-399,637.15	-432,227.48
Other premises costs	0.00	-620.00
Travel and representation	-1,217,781.69	-1,149,685.81
Other running costs,goods	-230,857.92	-222,648.09
Other running costs,services	-712,943.53	-575,320.55
Financial costs	-89,446.28	-98,108.45
Depreciation	-131,612.10	-134,730.42
UU common costs	0.00	-406,607.67
Insitutional common costs	-350,673.42	-428,705.64
Redistribution common costs	-659,109.85	-29,716.89
TOTAL COSTS	-6,787,702.96	-6,652,947.98

OPERATIONAL RESULT	626,636.30	536,975.49
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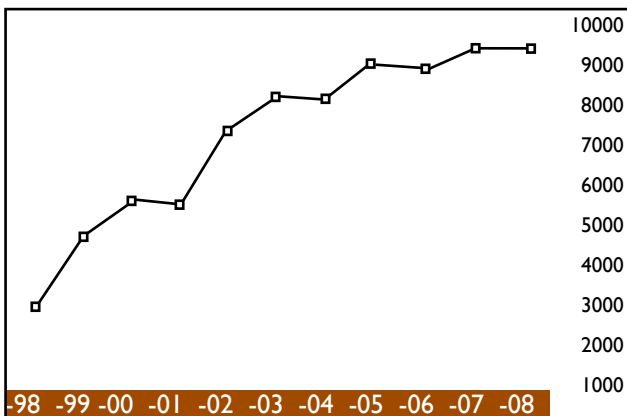
Course Statistics

The yellow column below shows the number of students on the BUP courses, in the different countries.

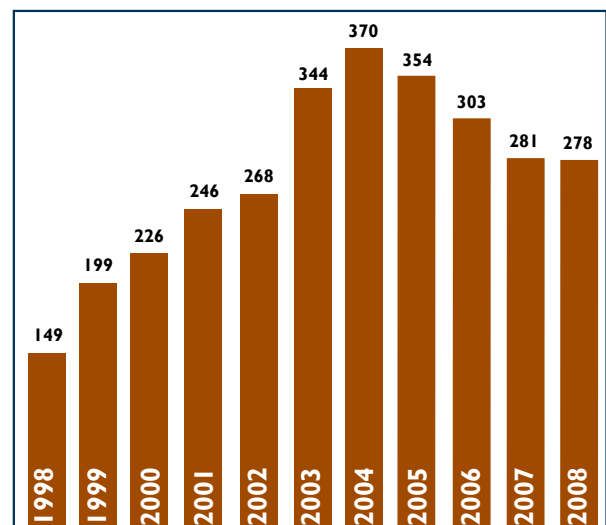
- BSE - Baltic Sea Environment/Environmental Science
- POB - Peoples of the Baltic/Regional Development
- SBR - A Sustainable Baltic region
- SWM - Sustainable Water Management
- SCD - Sustainable Community Development
- EE - Environmental English
- EM - Environmental Management
- Others - number of students using the BUP material

Number of students on the different course sectors:

Country	Universities	Teachers	Study groups	Students	BSE	POB	SBR	SWM	SCD	EE	EM	Others
Finland	5	9	15	399	30	0	35	36	0	0	0	298
Estonia	6	8	14	921	28	0	23	0	0	0	0	870
Latvia	8	21	34	1414	479	10	768	97	0	0	60	0
Lithuania	14	26	20	382	180	42	132	0	0	0	0	28
NW Russia	10	28	?	498	170	47	146	20	50	0	65	0
Kaliningrad	5	10	7	496	130	11	155	0	0	0	0	200
Belarus	28	70	72	2422	820	120	1132	208	20	60	62	0
Ukraine	7	26	23	353	12	87	76	14	41	93	30	0
Slovak Rep.	5	10	5	124	0	33	23	33	0	0	0	35
Czech Rep.	1	9	10	250	0	0	0	0	0	0	35	215
Poland	57	90	73	1787	607	339	632	83	68	9	49	0
Germany	8	6	2	201	50	12	18	0	22	37	42	20
Norway	1	1	0	0	0	0	0	0	0	0	0	0
Denmark	4	4	2	51	0	51	0	0	0	0	0	0
Sweden	15	35	8	194	20	6	20	75	33	0	40	0
TOTAL	174	353	278	9492	2526	758	3160	566	234	199	383	1666



Total amount of students 1998-2008.



Total number of BUP study groups from all courses.

The BUP Network





The Baltic University Programme is a network of about 220 universities and other institutions of higher learning in the Baltic Sea region. The Programme is coordinated by a secretariat at Uppsala University, Sweden.

The Programme works mainly through producing and offering courses for studies of the Baltic Sea region, its environment, political change, and sustainable development. All courses have an element of regional studies and are interdisciplinary. Cooperation with other actors in society in applied projects is an important part of studying and developing sustainability strategies, and promoting competence development at large.

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