



2012 ANNUAL REPORT

1. BALTECH - focus and highlights in 2012

1.1 BALTECH activities were focused around:

- Support of mobility among students in the Baltic-Nordic region;
- Enhancement of communication and mobility between academic and administrative/support staff;
- The BALTECH-NORDTEK joint conference 2012;
- BALTECH - NORDTEK Joint Statement;
- Initiation of multilateral projects;
- Development of the BALTECH information network;
- Network building with non-academic networks and organizations.

1.2 Highlights 2012

- BALTECH Board Meeting, April 19 (video meeting);
- Meeting of HR Department staff, May 28-29, Tallinn;
- BALTECH-NORDTEK joint annual conference, Tallinn, June 15-18;
- BALTECH Rectors' meeting, Tallinn, June 18;
- BALTECH Student Union meeting, Tallinn, June 18;
- BALTECH Board Meeting, Vilnius, November 8;
- BALTECH Student Union meeting, Riga, October 20;
- BALTECH Student Body Exchanges.

2. Collaboration in Education and Research

Statutes:

- *encourage novel study programs and courses in different fields of science and technology;*
- *support the integration of higher engineering education with research and technology development as well as to promote efficient methods for training engineers;*
- *promote innovation in engineering and technology education;*
- *stimulate the integration into European education and research systems, encourage new approaches in the management of engineering and technology education;*
- *create a BALTECH information network.*

Baltech Nordtek joint statement:

- *development of attractive and relevant study programmes*
- *establish education cooperation that provides competence needed by regional clusters*
- *development of joint courses, particularly PhD courses*
- *joint marketing BSR higher education*

2.1 Education

- Preparations were taken to gather university program officers responsible for the BALTECH Master programs *Industrial Management and Management* and *Environmental Management and Cleaner Production* with an aim to evaluate and compare the study programs among the participating universities and to come up with proposals for future collaboration between program committees/responsible officers.

- BALTECH identified areas (on the basis of feedback from member universities) in which master programs could be initiated jointly and/or carried out in partnership. The following areas were singled out: *Human Factors, Laboratory as a Service* and *E-health*. If interest prevails in 2013, funding from Erasmus and/or Nordplus will be requested.

2.2 Research**Statutes:**

- *stimulate the integration into European education and research systems, encourage new approaches in the management of engineering and technology education;*
- *create a BALTECH information network.*

Baltech Nordtek joint statement:

- *cross border university – industry collaboration within education, research and innovation;*
- *map research groups in different fields to further collaboration;*
- *initiation and supporting of joint European projects;*
- *foster Research information exchange.*

3. Cooperation between administrative units

Statutes:

- support communication between academic and administrative staff members and students including mobility in the frame work of different European Union programs.

- A meeting for Multimedia staff was arranged on May 28-29 in Tallinn.

- Meetings for various administrative staff categories take place on a regular basis and have proven popular.

4. BALTECH conference

Statutes:

- support the organisation of international congresses, conferences, meetings in order to disseminate new achievements in research and development.

Baltech Nordtek joint statement:

- *partnership, exchange of information and ideas will be fostered by tighter connections between boards and secretariats of NORDTEK and BALTECH , and initiation of joint conferences, seminars.*

*- The main event in 2012 was the BALTECH-NORDTEK joint annual conference, June 15-18. The event was the first of its kind and unique in the sense that NORDTEK arranged its annual meeting for the first time outside the Nordic countries. The set-up followed the NORDTEK standards from previous years. The topic of the scientific conference was *The Nordic - Baltic Region – an Area for Strategic Cooperation within the Knowledge Triangle*. The excursion was made in cooperation with the *Let's do it* global clean-up campaign (www.letsdoitworld.org) whereby the participants contributed to the global waste-map.*

- A joint statement on future cooperation between BALTECH and NORDTEK was signed (Encl. Joint Statement of Nordtek and Baltech) and all BALTECH universities were invited to the 2013 Nordtek conference in Lund.

5. External contacts

Statutes:

- *strengthen the development of relations between universities and industry;*
- *consider the industry's requirements for engineering and technological education*
- *create a BALTECH information network.*

5.1 Nordtek

- Contacts were intense with the NORDTEK Secretariat primarily in preparing the upcoming *BALTECH-NORDTEK Join Conference 2012.*
- There was a regular exchange of information between the NORDTEK and BALTECH Secretariats in 2012.

6. Student activities

Statutes:

The BALTECH Student Union is a platform for cooperation between the member universities.

The BALTECH Student Union (BSU) has been active within the so called BALTECH Student Exchange Project/Faculty to Faculty within certain study fields in 2012 spring and starting from the summer of 2012 it has been planning new strategies regarding projects and the development of union. The BALTECH Student Union meets twice a year.

- Activities and budget to be harmonized with the BALTECH Secretariat.
- In the last BSU meeting, there was made some changes in the exchange project engaging three way exchanges between faculties of different BALTECH universities.
- A new board will be elected in the summer of 2013 that will work with the new exchange project.
- BSU will try to activate and engage the Swedish BALTECH universities.
- BSU will investigate the possible merger and/or closer cooperation with the Student Union of Nordic Technical Universities (SUNTU) in order to harmonize activities and reduce parallelism.

Activities:

Union 1	Content report	Budget report	Union 2	Content report	Budget report
KTU Chemical technology (VIVAT CHEMIJA)	Below normal, missing pictures	Final support: 370 Spent: 375,2	TUT TTÜ MehÜN (Faculty of Mechanical Engineering)	Normal, no pictures.	Final support: 400 Spent: 375,2
KTU Informatics	Great pictures, strong impact	Final support: 330 Spent: 330	RTU Faculty of Computer Science and Information Technology	Great impact, no pictures	Final support: 400 Spent: 315,44
KTU Economics and Management faculty (VFSA)	Skipped the lecture, because the other part came too late. Didn't read carefully the guidelines	Final support: 300 Spent: 211,25	RTU Faculty of Engineering Economics and Management	Normal, no pictures	Final support: 420 Spent: 398,96
KTU Civil Engineering and Architecture STATIUS	Didn't have enough working hours	Final support: 400 Spent: 400	TUT Faculty of Civil Engineering	Good	Final support: 420 Spent: 397,77
KTU Electrical and Control Engineering ENDI	Good	Final support: 380 Spent: 380	TUT Faculty of Electrical Power	Normal	Final support: 420 Spent: 389,4
RTU Faculty of Power and Electrical engineering	Strong impact, good.	Final support: 420 Spent: 279,5	VGTU Faculty of Electronics	Poor report	Final support: 360 Spent: 360
RTU Faculty of Materials Science and Applied Chemistry MKF	Good advices for BSE, normal report.	Final support: 320 Spent: 322,15	TUT Faculty of Chemical and Materials Technology	Complains about the other part, but overall normal.	Final support: 350 Spent: 322,54

7. Scholarships

Statutes:

- *Support the integration of higher engineering education with research and technology development as well as to promote efficient methods for training engineers.*

7.1 BALTECH Mobility Scholarship

- The BALTECH Mobility Scholarship was announced twice during 2012 (March 15, October 15) and was harmonized with Nordtek application deadlines.

- 19 applications were received, 17 were approved of, 2 were rejected. 16 students were compensated in the amount of 7.590 euro. 10 were spillovers from 2012, 6 were applicable to 2012 and 11 scholars have the possibility to claim money in 2013.

- The scholarships are open for bachelor, master and PhD students irrespective of study field at any one of the BALTECH universities for studies or visits to any one of the BALTECH universities for up to eight weeks (*Encl. Baltech 2012 Mobility Scholarship Chart*).

7.2 ÅF Grant

- In 2012 three scholarships were awarded to students from VGTU. ÅF was most pleased with the students. ÅF accepted to prolong the grant also into 2013.

- The ÅF Grant is open for bachelor (minimum second year), master and PhD students, within energy and environment for students at Kaunas University of Technology, Riga Technical University, Tallinn University of Technology and Vilnius Gediminas Technical University.

- The ÅF Grant is administered by BALTECH but payments are effectuated from ÅF to the scholars.

8. Rectors' meeting

Statutes:

- *The Rector's conference of the Consortium is the highest decision making body of BALTECH. The rectors of all BALTECH member universities constitute the Rector's Conference. The Rector's Conference of BALTECH is headed and represented by the Chairman from the university presiding over BALTECH.*

- The 2012 rectors' meeting took place in Tallinn on June 18 in connection with the BALTECH-NORDTEK Annual Conference.

9. Board meetings

Statutes:

- *The everyday work of BALTECH is organized by the Board appointed by the Rector's in the Rector's Conference*

Baltech Nordtek joint statement:

- *partnership, exchange of information and ideas will be fostered by tighter connections between boards and secretariats of NORDTEK and BALTECH , and initiation of joint conferences, seminars.*

- Two board meetings were arranged in 2012, a video conference on April 19 and a meeting in Vilnius on November 8.

10. Management

Statutes:

- *The everyday work of BALTECH is organized by the Board appointed by the Rector's in the Rector's Conference.*

- The BALTECH Secretariat held weekly meetings during the spring and fall terms with The Chairman of the Board (professor Jakob Kübarsepp), the Secretary (Toomas Käbin), the web-administrator and legal-advisor (Kaire Reisspass), and IRO representative (Maret Hein). The student representative has an open invitation.

- Information on all BALTECH activities was provided through news-letters on a regular basis to rectors, board members, International Relations Offices, Student Unions and NORDTEK.

11. Finances

Statutes:

- *The Board approves the budget of BALTECH.*

- BALTECH is primarily financed by the member universities. The annual membership fee in 2012 was 5.000 Euro/university.

- ÅF paid BALTECH 20.000 SEK, (2.305 euro) to cover administrative costs in connection with the ÅF-Grant, administered by the BALTECH Secretariat.

- Total revenues amounted to 61.129 (budget 56.591) which includes the 2011 surplus 19.591 euro.
- Costs amounted to 29.404 euro (budget 55.000).
- The 2012 surplus 31.725 (budget 1.591) was forwarded to the 2013 balance.
- The under-spending is mainly explained by the fact that no money was used for projects within research and education and also due to peculiarities of financing of the joint NORDTEK-BALTECH conference whereby a conference fee based financing was used. Costs for student activities and scholarships were lower, this is partly explained by the fact that some payments will be transferred into 2013 and thus will be reflected in the 2013 accounts. Other costs are more or less in line with the budget
- The BALTECH-NORDTEK 2012 conference was administered under a separate account. It was financed through participation fees, sponsor money (Eesti Energia) and support from TTÜ. (Encl. Baltech 2012 financial outcome, 2013 budget proposal).

12. Auditing

- The BALTECH accounts form an integral part of the Tallinn University of Technology accounts under a separate dossier (ÜPBALT). The accounting at Tallinn University of Technology is based on accrual basis and is regulated by the laws and regulations of the Republic of Estonia. Auditing is done by PricewaterhouseCoopers. All documents are available upon request.

13. Web-page

The website www.baltech.info is constantly renewed and leaves room for interactivity.

On BALTECH

The BALTECH Consortium, initiated in 1997 and established in 1998 was set up with the aim to be the solid base for wider partnership and closer cooperation between technical universities in the Baltic Sea Region within the area of natural sciences, technology and industrial management. BALTECH has seven members in Sweden, Estonia, Latvia and Lithuania. BALTECH acts as a strategic resource for long term development within education and research.

The Consortium is governed by a Board consisting of representatives of the partner universities and a Secretariat appointed by the Board.

Tallinn, June 17, 2013

Jakob Kübarsepp

Chairman of Board

Toomas Käbin

Secretary
