



## INNOVATION NEWSLETTER

++++ May 2011 +++++

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### Technical Innovation

#### Construction Industry- Norwegian solutions to lifting heavy slates

Smart solutions to lifting heavy slates is a challenge for professional building crafts companies operating for customers who demand specialist work within restoration and related tasks, not only within cultural heritage, but also for the owners of more modern houses that apply slates for roofing. Tailor-made, easy adaptable chains, in accordance with roof angles



Photo: Haakon Kvestad

reduce the heavy lifting and take the strain away from the backs, arms and shoulders of the craftsmen and consequently contribute to reduced health hazards, improved security and better working

conditions. Mr. Haakon Kvestad also refers to cooperation with other companies during the initial phases and pilot period. Therefore, he was confident that his customers had a very good result once the tool was put to use. It is also important to underline the good results for cultural heritage and preservation. The tool is here to increase productivity, thus avoiding fatal damage to buildings that face collapse.

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#### FURTHER INFORMATION:

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#### Device for the Generation of a Mixture of Steam and Clean Combustion Gas

Professor V.S. Severjani has developed a device for the generation of a mixture of steam and clean combustion gas. The device developed by the Brest University is necessary for the processing of various materials, particularly for ferroconcrete in thermal power plants. The device uses a new type of combustion, which reduces the size and increases the Energy Conversion Coefficient and the product quality. Steam pipes in the chimney of a heating plant are not needed anymore. This device can be useful for companies in the processing industry (for example metal processing or production of construction equipment).

#### Solar power plant for small objectives

Professor V.S. Severjani has constructed a solar power plant with helio-concentrate, an energy-collector, and a system which targets the sun. This plant is designed for hot water supply of small objects (houses, industrial buildings, car washes, warehouses, etc.). The design and materials used can reduce the costs of installation and maintenance. The thermal capacity is up to 3 kW.

The Brest State Technical University offers their advice in designing and implementing the above mentioned technical proposals. They will take care of all legal and patent aspects will develop and disseminate promotional material.



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FURTHER INFORMATION:

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**Norwegian Hairdresser- Patent on Hand-Held Hair Dryer**

After 30 years of experience within the hairdresser industry and owner and manager since 1986, Vigdis M. P. Marthinsen has experienced how the traditional hairdryers results in painful strains on elbows, the neck, shoulders and the back. This has inspired Vigdis to develop new solutions where hairdressers do not need to rotate the wrist and arm that much. This work resulted in a function patent.

The Norwegian National Institute of occupational Health (STAMI) has undertaken research in hairdresser industry over the past ten years. The research shows that hairdressing is a profession where disorder in arms, hands and elbow is high, and the many professional hairdressers are forced to seek new professions at an early age. A pilot test by STAMI on the new blow dryer shows that elevated arms are reduced by 40%. This will help the industry to reduce sickness costs and increase average working careers, worldwide. Research from other country shows the same results.

STAMI will undertake research of the testing of Prototype 1 and Prototype 2, and the result will be made public internationally.

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FURTHER INFORMATION:

**Vigdis Marthinsen**

Email: vigdis@headmasters.no

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**Handbook on Innovation Support Tools & Practices**

During the BSR InnoReg project, various innovation support measures have been developed and tested by partners.

The results have been compiled into a handbook under the following headings:



- Innovation voucher model
- User-driven innovation – Living Labs
- Start-up support – Business development and risk assessment tool
- Involving students in innovation processes

You can download your version of the handbook online:

[http://www.baltic.org/projects/bsr\\_innoreg/project\\_achievements](http://www.baltic.org/projects/bsr_innoreg/project_achievements)

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FURTHER INFORMATION:

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<http://www.baltic.org/bsrinnoreg>

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**Martin Bünning**

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**Results of the International Business Forum for small and medium-sized enterprises on April 15-16, 2011 in Vilnius**

The Hanseatic Parliament, in cooperation with Vilnius Chamber of Commerce, Industry and Crafts, organized a Business Forum for small and medium-sized enterprises in Vilnius last month. The focus laid on the initiation of international contacts between the companies.



The main topic of the presentation in the morning was innovation transfer in the field of new technologies of management; human resources and organizational development. In



Photo: Matchmaking Seminar in Vilnius

the afternoon, enterprises from all over the Baltic Sea Region had the

opportunity to matchmake.

If you are interested in the future matchmaking events of the Hansatic Parliament or in the presentation of the event in Vilnius, please contact us:

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**Secretary of the Hanseatic Parliament**

Email: [info@hanse-parlament.eu](mailto:info@hanse-parlament.eu)

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## Seminars and Study Programmes

### **Nottbeck Master's programme: Joint MBA programme from University of Tampere and St. Petersburg State University**



The University of Tampere, Tampere University of Tech-

nology and St. Petersburg State University of Economics and Finance are piloting a new Master's Degree programme together with Finnish companies operating in St. Petersburg. The Nottbeck Master's programme was launched 10 February 2011, and it is part of the

St. Petersburg Business Campus regional cooperation project coordinated by the Baltic Institute of Finland.

Nottbeck Master's programme is an MBA programme on knowledge management for top- and mid-level



managers of companies. It tackles issues of administration and personnel management firmly from the perspective of Finnish and Russian cultures, enhances cultural understanding and focuses on solving the everyday challenges involved in management.

The programme includes lectures at universities, practical work at companies, bench learning and corporate visits both in St. Petersburg and in Tampere. Nottbeck Master's programme is a pilot project which is intended to be continued as a full-scale Russian Trade MBA programme in 2012. The objective of the programme is to strengthen the supply of education and services in Russian trade in Tampere.

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#### FURTHER INFORMATION:

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[http://www.baltic.org/projects/st.\\_petersburg\\_business\\_campus/](http://www.baltic.org/projects/st._petersburg_business_campus/)

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#### **06.-08.06.2011 in Brest:**

### **Seminar on "Energy-efficient Construction and Use of Renewable Energies"**

Experienced experts from Germany and Belarus provide information, knowledge, tech-



niques and best practice examples include the following topics:

- Availability of fuels, forecasts and energy saving measures
- insulation standards and various insulating materials
- Determination of final energy demand by means of a model house
- Improved constructions in the planning and Heating Engineering
- forms of renewable energy sources and their technical implementation
- Zero - Energy House and presentation of various projects

The participation in the seminar, including beverages, food, etc. of all materials is free. Foreign language skills are not necessary (simultaneous translations).

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FURTHER INFORMATION:

[www.cci.by](http://www.cci.by) and  
[www.hanse-parlament.eu](http://www.hanse-parlament.eu)

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## Upcoming Events

### 23.-24.05.2011 in Herning (Denmark):

#### **Windpower initiative for business2business matchmaking**

Theme in this event is the international supply chain of offshore wind power. This journey will be going to, amongst others, the biggest European offshore wind farms (Horns Rev) and will offer you a company visit to Siemens.

The organising team of NNOW would like to recommend this meeting because of the serious aim at matchmaking, also with Danish companies which are located outside Jutland.

If you wish to visit the event, you are requested to send the enclosed 'Company Profile' form to [engel@nom.nl](mailto:engel@nom.nl). The contribution for registration amounts to 150 Euro.

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FURTHER INFORMATION:

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Allard van Dijk ([avandijk@nom.nl](mailto:avandijk@nom.nl)).

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### June 7-9, 2011 in Bremen:

#### **Conference "Windforce 11- Direction Offshore"**

The Wind Energy Agency Bremerhaven/Bremen (WAB) will hold its seventh conference on offshore wind power, WINDFORCE11 – DIRECTION OFFSHORE, in June 2011

Logistics, service, the maintenance of offshore wind turbines, and the expansion of Germany's offshore wind industry pose a major challenge to the businesses involved. Participants will be able to get the full story on these important issues during the three-day conference. Working together with the maritime and the offshore oil and gas industries is an important component of Germany's offshore wind industry. In separate theme sessions, experts in these areas will talk about their experiences and describe best practices. Other theme sessions will look at current German and international offshore wind projects.

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FURTHER INFORMATION:

<http://www.windenergie-agentur.de/english/>

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**June 16, 2011 in Brussels:**

**Baltic Innovation Policy Seminar**

The Baltic Innovation Policy Seminar will be organised in Brussels 16 June 2011 to facilitate the discussion on



the current challenges and the future of innovation policy in the Baltic Sea region. In the event, the Baltic Innovation Policy Memorandum, prepared as a joint effort of 18 partners representing six Baltic Sea countries (Finland, Estonia, Latvia, Lithuania, Poland and Germany), will be introduced. The Memorandum will guide innovation support activities especially in the regions outside metropolitan areas and give indications on efficient innovation promotion in the Baltic Sea region to the European Union.

The organiser of the event is the BSR InnoReg project consortium, led by the Baltic Institute of Finland and co-financed by the EU Baltic Sea Region Programme 2007–2013. The working language of the seminar is English.

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FURTHER INFORMATION:

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<http://www.baltic.org/bsrinnoreg/bips>

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**September 7-10, 2011 in Riga:**

**Food exhibition “Riga Food”**

Riga Food is the biggest food industry exhibition in the Baltic countries that shows the development of industry in general, highlights novelties and gives an



opportunity to meet serious and reliable food industry enterprises.

The Riga Food exposition is divided in thematic zones in order to provide favourable conditions for beneficial networking to both the participants and visitors of the exhibition:

- Riga Food Regular Expo
- Riga Food Drinks
- Riga Food Gourmet
- Riga Food Specialty
- Riga Food Printing and Packaging Tech
- Riga Food Technology And Ingredients
- Riga Food Catering And Retail Tech
- Riga Food Hotel Expo
- Riga Food Clean Expo
- Riga Food Innovation

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FURTHER INFORMATION:

[www.bt1.lv/bt1/rigafood/](http://www.bt1.lv/bt1/rigafood/)

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**September 13, 2011 in Bremen:**

**Matchmaking at 9th German Foreign Trade Congress**

In 2011 Bremen will welcome participants already to the 9th German Foreign Trade Congress. With its combined competence in the high tech sector, foreign trade and logistics, the hanseatic city is an outstanding address for discussion on the future of exports.

Matchmaking at the 9th German Foreign Trade Congress is an ideal event to make contacts and to prepare future business. It will allow participants to get together with the most promising business partners in pre-scheduled meetings. Here you present your company and identify attending participants. Register yourself now, and in just one day you will be able



to run into numerous discussions with representatives of foreign trade businesses, saving you time-consuming business trips.

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**FURTHER INFORMATION:**

Matchmaking:

<http://www.b2match.eu/awt2011>

German Foreign Trade Congress:

[http://www.aussenwirtschaftstag.de/auwi.php?nav=1&sub1=0&sub2=0&menu\\_id=2](http://www.aussenwirtschaftstag.de/auwi.php?nav=1&sub1=0&sub2=0&menu_id=2)

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**September 26-27, 2011 in Riga:**

**Conference on Diversity and Perspectives**

The Centre for European and Transition Studies of the University of Latvia is the organizer of the conference on Diversity and Perspectives.

The changing political, legal, economic and cultural landscape of Europe, not least in the Baltic Sea Region (BSR), cannot be understood without interdisciplinary research in law, social science and the humanities. The magnitude and complexity of the present developments involve theoretical, methodological and empirical challenges for the Region. The Conference is devoted to facilitate further interdisciplinary research on topics related to the assessment of ongoing, complex and interrelated processes of legal, cultural and socio-economic integration in the Europe and BSR. The Conference should provide possibilities of international cooperation in the area of education and research activities.

The topics that will be addressed:

- Research, Innovation and Competitiveness
- Macro regions in the EU
- Education: Challenges and Perspectives

- Globalisation, Supranationalism and the Future of the State
  - Transport, Telecommunications, Environment and Energy
  - EU Internal Market Development and Trends
  - Social Policies and Labour Market
  - The Role of Culture and Arts in the European Integration Process
  - Legal and Historical Aspects of European Integration
  - Territorial and Spatial Development
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**FURTHER INFORMATION:**

<http://cbs.ut.ee/index.php/home/activities/details/58.html>

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**21.-22.10.2011 in Panevėžys:**

**Business- Forum on Construction Technology**

The business forum aims at directors, leaders and employees of small and medium-sized enterprises in order to

- initiate international business contacts between companies and
  - provide information about new technologies.
- SMEs from all over the Baltic Sea Region are invited to this event. Language skills are not necessary (simultaneous translations). The participation is free of charge. Participants must carry travel and accommodation costs.
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**FURTHER INFORMATION AND REGISTRATION:**

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[www.hanse-parlament.eu](http://www.hanse-parlament.eu)

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## **October 24-26, 2011 in Gdansk:**

### **Baltic Development Forum Summit 2011**

For the first time, Poland will be hosting the annual BDF Summit. The next Summit will take place in Gdansk 24-27 October 2011, and it will be organised in association with the Polish Presidency of the EU, Pomoskie region and the city of Gdansk.

The 13th BDF Summit will be setting new standards for regional cooperation in Europe by bringing all relevant stakeholders together in connection with the 2nd Annual Forum for the EU Strategy for the Baltic Sea Region. Baltic Development Forum will work closely together with the Polish Government's EU-presidency in the second half of 2011 and the European Commission, DG Regio.

The agenda of the Baltic Sea Macro-region in 2011 will be to:

- Bridge European and Regional integration
- Develop regional partnerships between the EU and Russia and Eastern Partners
- Bring public and private interests together
- Assess and update a common strategy for the future

The 2011 event will be a demonstration of how to combine top-down political guidance with bottom-up enthusiasm and entrepreneurship.

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#### FURTHER INFORMATION:

[http://www.bdforum.org/show/english/news/bdf\\_summit\\_2011.aspx](http://www.bdforum.org/show/english/news/bdf_summit_2011.aspx)

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