

# FACTS

NEWSLETTER ABOUT THE NATURAL GAS PIPELINE ACROSS THE BALTIC SEA ISSUE 11 / AUGUST 2009



Specialist divers prepare themselves for the underwater salvage operation.

## Research Divers Begin Salvage Operations of Wreck Artefacts in the Bay of Greifswald

Remnants of a historic shipwreck to be documented, lifted and potentially preserved

**D**uring its seabed surveys to define the optimal pipeline route, Nord Stream has located about 60 wrecks. The company is aiding preservation of these finds by sharing the survey data with national authorities. In some cases, the company is financing salvage operations of historically relevant finds, such as the remains of a wreck located near the German coast in the Bay of Greifswald, or Greifswalder Bodden, where the pipeline route will pass.

This wreck is one of 20 ships that were sunk in Germany in 1715 by the Swedish navy to create a physical barrier across the shallow entrance to the Bay of

Greifswald. "The Swedish navy ballasted the ships with rocks to sink them. Over 300 years, large parts of the ship have been borne away by the current, and the wood that's still there is heavily rotted," explains Jens-Peter Schmidt, an archaeologist with the State Bureau for Culture and Care and Preservation of Ancient Monuments and Artefacts of Mecklenburg-Western Pomerania (LKD M-V), who is working on the project.

### Pieces of a Puzzle

Though just beams and planks from one side of the ship remain, for Schmidt and his team every piece of the ship is significant as it might provide important

clues about the development of historic shipbuilding methods in the region. Throughout June and July, a team of seven specialist research divers worked to carefully remove the rocks and sediment covering the remnants in order to measure the pieces and their exact position at the place of discovery. Photos and video images of the remains will also be used to chart the wreck's position and its overall condition.

When this time-consuming documentation is completed sometime in August, the LKD M-V will evaluate the findings and decide how it wants proceed with the handle potential preservation of the remnants.

### Supporting Preservation

Nord Stream supports the research and preservation of the Baltic Sea's underwater cultural heritage by sponsoring the research project, Heritage Underwater – Maritime Archaeology Gotland (HUMA). HUMA sheds new light on the unexplored wrecks and artefacts sunk around the Island of Gotland, Sweden. Historic sources indicate that more than 2,500 have sunk along the coast of Gotland.

> [www.huma-gotland.com](http://www.huma-gotland.com)

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Please note: In addition to its print newsletter, Nord Stream also offer e-FACTS, its electronic newsletter. e-FACTS provides monthly short updates on Nord Stream and related topics. e-FACTS is available online and via email in English only.

Please visit [www.nord-stream.com](http://www.nord-stream.com) to subscribe.



The transboundary impacts on Finland are described in the Espoo Report.



The Espoo Report contains exhaustive analysis of the Baltic Sea ecosystem.

**PERMITTING**  
**Finnish EIA Concluded**

The Finnish coordinating authority issued a statement on July 2 confirming that Nord Stream's national Environmental Impact Assessment has been concluded. The coordinating authority has asked for additional clarifications to be submitted directly to the Finnish permitting authorities.

## Another Project Milestone Reached

International consultations shift to bilateral level

**T**he international Espoo working group came together for a final meeting in Stralsund, Germany on June 15 and 16. The working group is made up of representatives from various ministries and authorities of the nine Baltic Sea countries, including Russia, Finland, Sweden, Denmark and Germany (Parties of Origin) who took part to inform one another

about the statements received about Nord Stream's transboundary environmental report, or Espoo Report.

### Consultations Begin

The statements they discussed were collected during the public participation period from March to June by the relevant authorities in all of the countries of the Baltic Sea region. In the

meeting, the countries agreed that these statements will be handled in the national permitting processes and discussed on a bilateral basis. Finland and Estonia already held bilateral consultations to solve outstanding issues. Nord Stream is looking forward to cooperating further with the authorities.

> [www.nord-stream.com](http://www.nord-stream.com)

## Baltic Youth Philharmonic Praised for Its Accomplished Summer Performances

The orchestra began its tour in July with concerts in four Baltic Sea countries

**T**he Baltic Youth Philharmonic (BYP) unites 70 music academy students from all of the Baltic Sea States. The project provides musicians at the start of their careers with a unique opportunity to develop their talents and gain valuable experience in orchestral playing while emphasising their shared cultural heritage.

Under the baton of Music Director Kristjan Järvi, a committed advocate of music education, the BYP will have performed concerts in six countries in 2009. Internationally renowned instrumentalists were brought on board to coach

these talented musicians in preparation for this series of concerts around the Baltic.

### Summer Success

The young musicians performed four concerts from July 16 to July 21, beginning in Tartu, Estonia. The tour then moved onto Helsinki, Finland, Vilnius, Lithuania, and Copenhagen, Denmark.

The orchestra, to the delight of the guests, played a repertoire ranging from Mendelssohn Bartholdy, Beethoven to Brahms and Tchaikovsky. The BYP's 2009 tour will culminate at the Baltic Development Forum

Summit, in Stockholm, Sweden, where individuals from the Baltic Sea region representing politics, business and academia will converge to discuss measures to boost the region. With more than 10 nations coming together at one event, this is an ideal venue for the orchestra to promote its "Music Without Borders" message.

The BYP project was initiated in 2008 by Nord Stream and the Usedom Music Festival to promote the musical advancement of future generations, while supporting the cultural diversity of the Baltic Sea region.

### NEXT STOPS ON THE TOUR:

**August 22:**  
Musikfest Bremen,  
Bremen, Germany

**September 19:**  
Usedom Music Festival,  
Peenemünde, Germany

**October 5:**  
Baltic Development  
Forum Summit,  
Stockholm, Sweden

**More information is available at:**  
[www.baltic-youth-philharmonic.org](http://www.baltic-youth-philharmonic.org)

# Youth Orchestra Strives to Be an Educational And Cultural Force in the Baltic Region

Interview with Kristjan Järvi, Founding Conductor & Music Director



**Baltic Youth Philharmonic:** Talented musicians create a common tradition for the Baltic region.

**FACTS:** What sets the Baltic Youth Philharmonic (BYP) apart from other youth Orchestras?

**KJ:** It's the region itself. The orchestra draws players from three distinct regions – Scandinavia, and Central and Eastern Europe, which are divided by the Baltic Sea. From a political and social point of view, this form of unification has not been done before because these places are most often viewed as very separate. The BYP aims to be a binding educational and cultural force, showcasing the rich musical identities of the 10 countries represented.

**FACTS:** Why did you decide to be a part of the BYP?

**KJ:** As the Founding Conductor of the BYP, I had the opportunity to put my artistic vision into place as this new orchestra was created. I have conducted many youth orchestras over the years, which have been rewarding experiences, but they usually involve only a few rehearsals and a single performance. I prefer to become deeply involved in the process of developing a musical entity.

**FACTS:** What forms does your involvement take?

**KJ:** I am involved in everything from the selection of the music coaches to the method of auditioning, who we commission pieces from, to where we tour. This is both an entrepreneurial and creative challenge, and one of the most exciting projects I've been involved with. There is a great possibility that this orchestra can become a major force and a permanent structure on Europe's cultural scene.

**FACTS:** Is being "a cultural force" the mission of the project?

**KJ:** The mission and the spirit of this orchestra are to achieve an all-inclusive, music-without-borders mindset. The all-inclusive nature of the orchestra, combined with the distinct cultures of these 10 countries gives us an opportunity for communication not only between the participants but with their nations. The orchestra then acts as a vehicle, or a political bridge, to show how things can work in

the ideal world through a different level of communication not dictated by trade, money, and power, which is the normal fare that we see on television.

**FACTS:** So the main message is to promote cultural education?

**KJ:** It doesn't matter if you come from a rich or poor country; you need to find a vehicle for people to get involved with their own societies. I think this means cultural education, and since I am a musician, to me this means music.

**FACTS:** Why is the musical education that BYP provides so important for young musicians?

**KJ:** We want young people to do more than "simply" become classical musicians who join orchestras. They should compose, improvise, and become limitless musicians like the classical era composers who were all performers and creators. We plan to expand the educational elements of the programme so that the BYP will become an educational and performance hub.



## Kristjan Järvi

Estonian-born Kristjan Järvi is renowned as one of the best conductors on the international stage. He is a sought-after guest conductor who has appeared with the Orchestre National de France and the London Symphony Orchestra to name a few. As an advocate of music education, he has worked with youth orchestras in the United States, Japan, Norway, Germany, and Australia. He is also Chief Conductor and Music Director of the Tonkünstler Orchestra, Vienna and New York's Absolute Ensemble.

IN BRIEF



## The Project & The Environment

Transparent communication is one of Nord Stream's core values, therefore the company offers a wide array of informational materials geared to the public and media. To complement this growing library of publications, Nord Stream recently released "The Project & The Environment" brochure in English only.

As its title suggests, this 54-page brochure is divided into two sections: the project and the environment. It is geared to answer the concerns of the public related to the project, providing key information about topics, such as the protection of Baltic Sea wildlife, seabed surveys, and how the pipeline will be constructed.

Nord Stream also offers a range of other publications which provide background information on the project, including our "FACTS" and "e-FACTS" newsletters, the "Non-Technical Summary of the Espoo Report" and the "Ten Answers" pamphlet.

> [www.nord-stream.com/publications](http://www.nord-stream.com/publications)

## FAST FACTS

**1** The European Commission predicts a growing natural gas import gap of 200 bcm a year by 2025.

**2** Nord Stream will provide 55 bcm of gas annually when fully operational, filling 25% of the predicted import gap.

**3** No other major new pipeline with a capacity of over 10 bcm is expected to be operational before 2014.

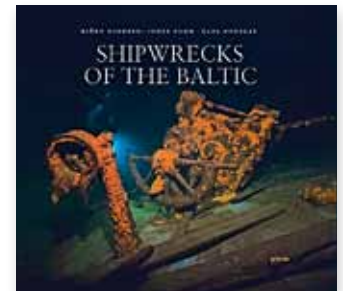
## Shipwrecks of the Baltic

Explorers uncover a historic treasure trove on the seabed

**T**he remains of almost 100,000 wrecks from various eras lie at the bottom of the Baltic. The unique qualities of this sea have preserved the sunken vessels. For centuries, the Baltic Sea has been a crossroads for trade, migration and warfare and wrecks bear witness to these dramatic events. Shipwrecks of the Baltic tells the story of some of the most interesting historical events that have taken place on that sea. From the Baltic's own

Flying Dutchman to one of the worst-ever maritime disasters: the sinking of three German refugee ships during World War II. The book also sheds light on the attacks on the iron ore traffic between Sweden and Germany during both World Wars, as well as on the discovery of the Swedish DC-3 airplane that vanished during the Cold War. The book is available in English, German and Russian. To order a free copy, please write to Nord Stream. Provided that

copies are in stock, which is limited, you will receive a copy or will be notified if stocks ran out.



Discover what lies under the sea.

> [contact@nord-stream.com](mailto:contact@nord-stream.com)

## Sweden Asks for Additional Info

Nord Stream sends more documentation to the government

**N**ord Stream submitted supplementary documentation to its application for laying the pipeline to Sweden's Ministry of Industry, Employment and Communications on June 5. The Swedish Maritime Administration and the Swedish Environmental Protection Agency requested the examination of a pipeline route further to the south-east of Hoburgs Bank and the North Midsjö Bank. To oblige

the authorities, three alternative routes further eastward within the Swedish economic zone have been studied. Investigations conducted by independent experts such as IVL Swedish Environmental Research Institute and SSPA Sweden AB show that Nord Stream's proposed route does not entail a greater risk compared to the alternatives, which may conflict with national wind power interests at the South Midsjö Bank.

### Heavy Construction

The Swedish mining company Minelco, has been contracted to provide 1.5 million tonnes of iron ore for the concrete weight coating of the pipeline. Every two weeks, more than 20,000 tonnes are shipped to Mukran, Germany where the line pipe are coated.

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