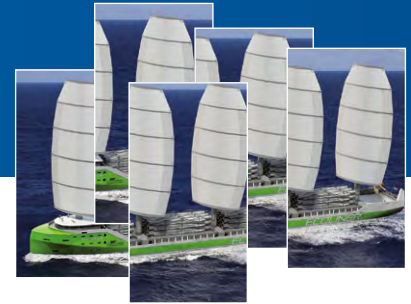




No. 1 - November 2013

NEWSLETTER



SAIL is an Interreg IVB North Sea Region project with 17 partners from seven different countries around the North Sea.

Leading vision and aim: Alternative propulsion systems for (freight) sailing, defined here as "hybrid sailing concepts", have high potentials, due to rising oil prices and environmental aspects. Develop and testing hybrid sailing concepts that lead to new business opportunities and a more sustainable future.

Project duration: from July 2012 to June 2015.

Budget: € 3.4 million

- 50% European funding

- 50% partner cofinancing

Merchant Sailing:

Opportunities and (wind)potentials

The Interreg IVB project Hybrid (Freight) Sailing SAIL is running for one year. Good progress has been made in the different work packages. On the website of SAIL you can find the state of affairs of the workpackages [Pilots](#), [Economy](#), [Policy](#) and [Alliances](#). We can certainly say: "We are on track, but still half a marathon to go."

Future of SAIL

Supporting partner of the SAIL Jan Lundberg of Sail Transport Network has published an article on his website by the name Project European Union's SAIL consortium: bringing on the future on 17 August 2013.

The nations and waters of the North Sea comprise the modern world's most intensive sail transport environment. For those readers and sailors who have cheered on the Tres Hombres schooner-brig, and noted the creation of numerous sail transport projects here and there, the big eye-opener in terms of united international resolve can now be revealed: The European Union's SAIL project, part of the North Sea Region Program whose theme is "Investing in the future." SAIL's mission is to bring about the construction and operation of the first Wind Assisted Ship Propulsion (WASP) large cargo ship. [Read the full article here.](#)



Leeuwarden, November 2013

DEAR READER

The SAIL project began a year ago. The start meeting was in Koudum where the 'young' sporter Marit Bouwmeester and the 'old' founding father of merchant sailing Reid de Jong opened the project. Good progress has been made since then. The workpackages started to work on questions each in their own expertise and subject. The first project result of SAIL is that an emission reduction of CO₂ and air pollution in the range of 35 to 50% is possible for the Ecoliner.

In the next phase of the project we will focus on identifying relevant stakeholders amongst freight owners, forwarders, investors and ship owners who are willing to start new sustainable sailing business opportunities. From contact to contract events will be organized. This Rotterdam Europort Sail conference leads the way to a new Green Route for hybrid sailing.

We noticed a world wide attention for SAIL, because it is the biggest project aiming at exploring and promoting merchant wind assisted sailing in a Triple Helix (science, economy, public) approach. SAIL attracted also attention from Japan, (Greenheart Project), California (Sail Transport Network), the UK (New Dawn Traders), France (TOWT) and more players in merchant freight sailing. The SAIL project supports the pioneers in this field.

On behalf of the SAIL team we wish you lots of tailwind.

Deputy Hans Konst
Province of Fryslân



Meetings October 2012: Start of SAIL



Olympic silver medalist Mrs. Marit Bouwmeester and founding father of merchant sailing Reid de Jong opened the kick off conference at Galamadammen in Koudum, The Netherlands. More than 60 experts from the North Sea countries discussed new sustainable hybrid sailing concepts, with sails, wings or kites, electricity or biofuels, offering great opportunities for the future. Inspiring speakers presented new business opportunities. What would be better than officially start the project with raising a glass of rum? The high quality Caribbean rum is the only emission free rum in Europe and transported with the sailing ship 'Tres Hombres'.

On the second day the Work Packages started the cooperation of the different partners. In this newsletter you will find a state of affairs of the work packages so far. Partners did not only talk during the visit to the 40-year anniversary 'Strontrace 2014' in Koudum, they also carried the 'stront' (shit) from a sailing vessel to the Koudum Quay. The lead partner is convinced this partnership had a good start and is now ready to *sail into a sustainable freight sailing future*. Cheers!



Meetings

Work package leaders meet in Oostende

JANUARY 2013 - The Workpackage leaders of the six Workpackages of the SAIL project have met in the port of Oostende on 27 and 28 January 2013. This resulted in working agreements and planning for the coming period. The next partner meeting in Wilhelmshaven, Germany on 10 and 11 April 2013. At this meeting we will focus on hybrid sailing concepts, the experience until now and the pilots in development. This will set the sails to a sustainable future. [Read more about the Oostende meeting.](#)



Meetings

Conference in Rotterdam

NOVEMBER 2013 - THIRD PARTNER MEETING. It is only a few days ago the Third Partner Meeting was held in Rotterdam, The Netherlands. It feels good to be able to say that the conference was successful. Already we received some positive reactions from the participants and partners, which feels very stimulating and encouraging. As we concluded during the meeting: we are half way the marathon. A more detailed review on the conference can be read on www.nrsail.eu shortly.

Meetings

Second partner meeting in Wilhelmshafen



For the second partner meeting all partners gathered in the North German Wilhelmshaven. On behalf of the organising partner Jade Hochschule, Prof. Weisensee, vice president, opened the meeting. Because there was a lot of interest for the conference day more chairs were needed in the room. Speakers as Uwe Lamp of Fassmer Shipyard, Heins Otto of Bundesverband WindEnergie, Guillame Le Grand of TOWT and Ralf Plump of German Lloyd gave us their opinion to sustainable merchant sailing. A student of the University of Utrecht shared her information of her thesis Blowing in the wind.

The second day was scheduled for the Work packages and the Work package leaders. The studytour to Fassmer Shipyard and the Heavy Lift Simulator and Trainingsbecken of Jade Hochschule was very interesting. It visualised what has been told at the conference the first day. [Read more about the Wilhelmshaven conference.](#)

Meeting in preparation

Conference in Harlingen



JULY 2014 - FOURTH PARTNER MEETING. During the Tall ship race in July 2014, a SAIL conference in Harlingen will be held. At present a number of people are busy preparing an interesting and attractive program. The conference focuses on three different target groups: students, cargo owners and partners of the SAIL project. The main goal of the students will be the work of students to the development of sustainable freight shipping.

Sharing knowledge and information. For the cargo owners the goal is creating supply and demand sustainable sailing cargo trade. To inform about the possibilities of sustainable sailing freight. And for the partners of SAIL the conference is designed to exchange information of the project and discuss the state of affairs of the different workpackages. In the next few months will bring the project a step closer to its goal: `Stimulating and facilitating toward a sustainable shipping sector with the focus on zero emission freight sailing`.

During the conference, the tall ship race will play a major role at the background. Bring the past back to the present. We are convinced each target group gets enough inspiration to make this meeting to a succes.

Stay connected

Dissemination of data is essential when different countries and organizations participate in SAIL. Therefore, various new media are being used.

Wiki sharepoint

In the workpackage 3 the Jade Hochschule collects all information which will be shared with other participants in de project. To share the amount of information in an efficient way a wiki is created. With this sharepoint ideas can be shared but also documents can be placed. In this way, there is a dynamic and interactive knowledge created.

LinkedIn

In addition to the 17 partners participating in the project there are more interested parties who wish to be kept informed about the progress of the project SAIL. For organizations who want to know more about sustainable shipping sector with focus on zero emission freight sailing there is a LinkedIn page set up. For the LinkedIn Group "SAIL: a partnership aiming at promoting, developing and operating of hybrid sailingships."

Twitter

Also, it is possible to follow the project SAIL with the Twitter account @nsrsail. Use #nsrsail if you want to include our project in your Twitter messages.

Website

On the project website you can find various information about the project SAIL. It is also the place to sign up for the newsletter and ask questions. Please have a look on www.nsrail.eu. The website has been recently changed into different internet surroundings. We hope you will notice the change, because we want to change it for the better.



NEWS IN BRIEF

Just as you would read in an old-fashion boy's adventure story: the Fairtransport's schooner 'Brig Tres Hombres' saved solo-sailor on the Atlantic Ocean at the end of 2012.

De Hanze University of Applied Science in Groningen, together with the NHL, is assisting the target group Students with crowdsourcing for the meeting in Harlingen. The work of the students started already at the beginning of the new college year. The involved lector shares his knowledge and experience with students and researchers so they can improve the way of problem solving in the quest for optimum performance in 'real-life' situations.

As designer of the Ecoliner Dykstra Naval Architects is heavily involved in the project. As a supporting partner where other partners can ask for help and expertise. Fairtransport Trading and Shipping and DNA made a pitchbook with drawings and 3d-rendering impressions of the Ecoliner.

If you have news or articles related to our project or something of interest for our readers, please send an e-mail to: info@nrsail.eu.

Ecoliner: Shipping with the wind

A Pitchbook by Fairtransport Trading and Shipping, Tres Hombres and Dykstra Naval Architects from The Netherlands. The Netherlands, land of wind and water, of ship builders and



designers, who took both wind and water to their best advantage. And built a world-wide commercial fleet of sailing ships, until motor ships turned the tide and made them obsolete. Today, Dutch entrepreneurs take advantage of their innate feeling for shipbuilding to challenge the air-polluting motor ships with considerable reductions in oil consumption and CO₂ exhaust. That is why we want to introduce you to the Ecoliner!

CONTENT of pitchbook

1. Unique opportunities on the horizon
2. The Ecoliner: an introduction
3. A new beginning
4. The Ecoliner: a good cause
5. An Opportunity for shippers and investors
6. Join us!



- 1 - Province of Fryslân
- 2 -
- 3 - Plymouth University
- 4 - Jade Hochschule
- 5 - Helmholtz-Zentrum Geesthacht
- 6 - Aalborg University
- 7 - North Sea Foundation
- 8 - Fairtransport Trading and Shipping
- 9 - Municipality of Harlingen

- 10 - C-Job
- 11 - Ameland Shipping
- 12 - NHL
- 13 - MARIN
- 14 - E&E consultant
- 15 - Avel Vor Technology
- 16 - Port of Oostende
- 17 - ECO Council

Contact

Projectteam:

- Anne de Vries (project leader)
- Robbert van Hasselt (expertise)
- Albert Ruiters (finances)
- Brigitte Feenstra (project officer)

Website www.nrsrail.eu

Email: info@nrsrail.eu

European Union



The European Regional Development Fund

The Interreg IVB
North Sea Region
Programme



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