



# 4POWER NEWSLETTER

4POWER – POLICY AND PUBLIC-PRIVATE PARTNERSHIPS FOR OFFSHORE WIND ENERGY

No 4, October 2013



## Dear reader,

Thank you for reading our fourth newsletter of the Interreg 4C project on Offshore Wind: 4POWER. The 4POWER project aims to exchange knowledge between EU regions in order to stimulate the growth and implementation of offshore wind.

We will briefly tell you about what we have done since our third newsletter which was sent in June 2013.

### 4POWER meeting in Gdańsk 10<sup>th</sup>–12<sup>th</sup> September 2013

Our 4<sup>th</sup> partner meeting was hosted by the Maritime Institute in Gdańsk. Pomorskie – the Polish coastal region in which the Institute is located – is a leading maritime region in Poland with two major ports of Gdańsk and Gdynia. The meeting was devoted to discussion of the best practices analysis and findings from reports (Frameworks and Implementation) as well as definition of the Guidelines content (how to implement the best practices).



Fig 1: 4POWER meeting in Gdańsk

### Visit to CRIST S.A. shipyard in Gdynia

The CRIST company was established in 1990 by shipbuilding engineers Ireneusz Ćwirko and Krzysztof Kulczycki, its sole owners. Since the beginning, CRIST has been building and repairing sea-going ships and steel structures. The production profile of the company includes:

- offshore structures (heavy lift jack-up vessels and wind turbines installation barges, platform supply vessels, anchor handling tug supply vessels, platforms and units for assembly of wind farms at sea, foundations for wind turbines;
- vessels: fishing vessels, tugs, ferries, containers, research vessels;
- hydrotechnical structures: gates and port berths, barges.

CRIST cooperates with shipowners and shipyards in Poland, the Netherlands, Germany, Norway, Denmark, France, Finland, Belgium, Island, and the USA.

A discussion after a short presentation of the company given by Mr. Grzegorz Różański, Mrs. Sylwia Bąk and Mr. Jacek Mak revealed that CRIST is not only a pioneer in Polish offshore market but also in the education of professionals: The company has initiated close relations with several technical schools in the region and is in fact mastering its future labor force, as majority of their students later on becomes employees of CRIST!



Fig 2: 4POWER partners visiting the CRIST Shipyard



Fig 3: JACK-UP BARGE B392 "THOR" (Source: [www.crist.com.pl](http://www.crist.com.pl))

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Fig 4: Emden Offshore Days 2013 - Exhibition stand City of Emden, German Offshore Wind Energy Foundation and MARIKO (photo: City of Emden)

### Review – Emden Offshore Days 2013

On the 4<sup>th</sup> and 5<sup>th</sup> of September 2013 the third “Emden Offshore-Days” (OFF2013) took place in the University of Applied Sciences in Emden (Germany). The OFF2013, organized by the University and the Chamber of Industry and Commerce, is a trade fair with the focus on offshore wind energy. The fair is intended for everyone who is active in the offshore industry (in particular small and medium-sized enterprises) or who plans to be part of the growing market in the future. More than 300 participants had informative talks at the exhibition, listened to interesting lectures and participated in the impressive evening event. Based on the 4POWER project, the project partner German Offshore Wind Energy Foundation and the City of Emden together with the Maritime Centre of Competence (MARIKO) from Leer decided to represented themselves and the 4POWER project with an own exhibition stand. Furthermore, the German Offshore Wind Energy Foundation showed their travelling exhibition “Fascination Offshore”. On 13 information panels the travelling exhibition informed the visitors about different aspects of offshore wind energy in the North Sea and the Baltic Sea. For example the technical details of wind energy plants were shown, the impacts of the environment described or information given about the different professional groups. Additionally a short film gave insight in the construction and operation of offshore wind farms. All in all it has been a very productive event with the possibility to inform a lot of people about the 4POWER project.

### Join us in Rimini on 6-7th November

SEE YOU AT



The 4POWER international seminar will take place at the Key Wind sector of ECOMONDO Fair in Rimini on the 6<sup>th</sup> November 2013 ([www.ecomondo.com](http://www.ecomondo.com)). ECOMONDO Fair is the 17<sup>th</sup> International Trade Fair of Material and Energy Recovery and Sustainable Development hosted in Rimini Fair from the 6<sup>th</sup> to the 9<sup>th</sup> November 2013. Within this platform for Green solutions, Anev and Rimini Fair will give the opening of KEY WIND, a section that will be held alongside KEY ENERGY ([www.keyenergy.it](http://www.keyenergy.it)) the energy exhibition sector of ECOMONDO. The area will bring together the major players in the wind energy sector and will become the reference expo event for the entire industry. 4POWER international seminar is divided into two parts. In the morning representatives of public administration, research centers, business sector and wind energy associations will address the potential and opportunities of investments to boost Off Shore Wind Energy in the Adriatic Sea. On this occasion, the Civil Chemical Environmental and Engineering Department of Bologna University will show the results of the monitoring campaign the Province of Rimini has been leading since 2008 with the support of ENI on the Azalea B Platform situated in the Adriatic Sea. In the afternoon some of the Best Practices identified by 4POWER partners will be introduced in order to discuss the need for targeted regional policy on Offshore Wind and which tools and strategies can be defined to sustain Off Shore Wind in all the European regions. The best practices chosen are: *Energy Valley en NNOW (Netherlands)*, *The Riffgat Project (Germany)*, *the Single National Authorization (Italy)*, *A Favourable political framework (Germany)*. With this international meeting all 4POWER partners wish to give a concrete impulse to the wind energy development.

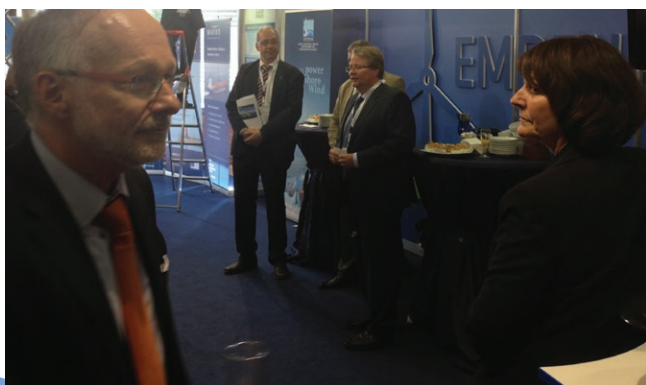


Fig 5: Mr Bornemann (Mayor of Emden) opening the stand (photo: City of Emden)



Fig 6: Andreas Wagner (German Offshore Foundation) and Dieter Schröer (MARIKO) at the stand (photo: City of Emden)

