**DUAL Ports Hydrogen Workshop**

Place: Hotel Andromeda, Oostende – Belgium

 Kursaal Westhelling 5

 8400 Oostende

 Belgium, Tel: + 32 59 34 02 92,

Bedrooms reservation: Mrs. Céline Verstrynge mail: sales@c-hotels.be

Time: Thursday 21.02.2019- Friday 22.02.2019

**Registration to workshop:**

Mrs. Evelien Vervaet, mail: evelien.vervaet@portofoostende.be

**Draft programme: 21/02/2019 – Thursday- Workshop**

12:30-14:00 Arrival and Lunch

14:00-14:10 Introduction and welcome by Wim Stubbe:

14:10 15:15 **DUAL Ports H2 workshop: New fuels and H2 in shipping and ports - Opportunities and challenges. Is there room for H2?**

 Presentations:

 ***Zero emission ships and ports with hydrogen – Hydrogen fuel cells in European projects***,

Mrs. Kristina Fløche Juelsgaard, Ballard Power – DK

***Ocean Hyway Cluster- a new maritime hydrogen cluster,***

Mrs. Maria Brandsøy, Maritime Business Association Flora – NO.

 ***Hydrogen development in shipping – scaling up,***

 Mr. Jonas Brendelberger, Zepp Solutions BV, NL

15:15-15:30 Coffee/tea break

15:30-16:30 Presentations:

 ***Hands on in Hydrogen – Channel Projects linkages to DUAL Ports,***

Mr. Geoff Boerne, Celtic Cruise, UK

***Lessons to be learned from Hydrogen,***

Mr. Mohamed Abdelrazek, Jade-Weser-Port, Wilhelmshaven, DE

 ***Practical experiences with Hydrogen in operation – land and sea,***

 Mr. Charles Purkess, ITM, UK

16:30-17:00 Table discussions in groups

• H2 in ports:

Technical/management/business-related issues?

• H2 in shipping/maritime applications:

Technical/management/business-related issues?

17:00-17:20 Summary of discussions

17:20-17:30 Concluding speech on the future of new fuels in shipping

17:30 Closing of the day

Refreshments and informal get together at Andromeda