

GREEN CRUISE PORT

Sustainable Development of Cruise Port Locations

Workshop

Sustainable Energy Supply & Innovative Solutions for Emission Reduction

Improved Ports – Cruise Line Collaboration

Bergen / Norway, November 8th/9th 2017

Venue:

Radisson Blue Royal Hotel Bergen

<https://www.radissonblu.com/en/royalhotel-bergen>

Dear all Green Cruise Port partners and associated partners. We welcome you to two interesting days focusing on onshore power as a solution for cruise ships in ports. The objective is to look at the broader picture. Can shore power serve a role today and tomorrow, what are the political, regulatory and economical prerequisites for making this happen, what are current experiences and where is the industry moving?

Port of Bergen is supported by Maritime Bergen, a network organization for the maritime industry in the Bergen area, in arranging the workshop. We have chosen to do this in a conference format, making it an open event for everybody interested. The event is presented for the public through the web site <http://greenportday.com>. We stress that GCP members, associate members or speakers will not pay anything for attending.

On the evening of the first day we will arrange a meal for the GCP partners/associated partners at 20:00. Further details will be provided later.

For registration, go to <https://easyfact.no/reply/knqtdpimjn>.

Please note: If you are a GCP member, associate member or speaker, please add the following words in the "Reference code":

- If you will not attend the meal, write: GCPMEMBER
- If you attend the meal, write: GCPMEMBER + DINNER

We look forward seeing you in Bergen.

For Port of Bergen

Johnny Breivik
Port director

Even Husby
Head of Environment

Agenda

Day 1/2 - November 8th, 2017

09:00–11:30

Welcome

- Welcome by Green Cruise Port and Port of Bergen
- Green port and ships – A roadmap, TBA
- Shore power strategy for Port of Bergen by Even Husby,
- Business case - Presentation by Erik Dugstad, DNV GL
- Discussion

11:30–12:30 Lunch

12:30–16:00 Presentations & discussions:

- Hamburg and shore power

Operational experiences from today's shore power facilities

Planning for shore power on new cruise terminal

Q&A

- Technology provider perspectives - Zero-emission port; the port as an energy hub; market development

ABB, Siemens, Schneider-Electric

Q&A

16:00–18:00 GCP Steering Committee Meeting

20:00 Dinner for GCP partners and associated partners

Agenda

Day 2/2 - November 9th, 2017

- 09:00–09:10 Welcome to the green port city of Bergen!
Mr. Dag Inge Ulstein,
Commissioner for Finance, Innovation and Property Management, Municipality of Bergen
- 09:10–09:30 A business case for cruise shore power
Port of Bergen / DNV GL
- 09:30–09:50 OPS Master plan for Spain
Julio de la Cueva, Ministerio de Fomento, Spain
- 09:50–10:10 US and Seattle perspective on shore power for cruise ships
Michael McLaughlin, Port of Seattle, USA
- 10:10–10:30 Hamburgs smartPORT strategy
Manfred Lebmeier, Hamburg Port Authority
- 10:30–10:40 Q&A session one
- 10:40–11:00 Coffee break & networking – visits to company stands.
- 11:00–11:15 Grid-owner perspective
Ingrid von Streng Velken, BKK
- 11:15–11:25 Shore power for cruise ships? – Yes we can!
Øystein Kalvenes, Electro Automation Austevoll
- 11:25–11:35 Siemens (TBA)
- 11:35–11:45 ABB (TBA)
- 11:45–12:00 Q&A session two
- 12:00–13:00 Lunch & networking – visits to company stands
- 13:00–13:20 Shipowner expectations (TBA)
- 13:20–13:40 Case: Hurtigruten – Shore power and hybrid strategy for passenger ships
Tor Geir Engebretsen COO/SVP Maritime Operations, Hurtigruten AS
- 13:40–14:00 Closing remarks
Hege Økland, CEO, NCE Maritime CleanTech