



# DNV

You are cordially invited to join DNV for breakfast at Stars n Bars in Monaco.

DNV will be hosting a seminar discussing the topic of Decarbonizing & Digitalizing - What is coming towards yachting?

**23<sup>RD</sup> SEPTEMBER 2021**

08:00 - 09:00

Star Deck (above STARS'N BARS), 6 Quai Antoine 1er, Monaco

RSVP to [clients@acrew.com](mailto:clients@acrew.com)  
by Friday 10<sup>th</sup> September 2021

**ACREW**



## FACILITATOR | VOLKER BERTRAM

Volker works for DNV as Senior Project Manager and Lead Trainer for the Maritime Academy. He also shares his expertise as guest professor at the World Maritime University, Pisa University and Henley Business School. He is a firm believer in edutainment, combining education and entertainment in a brain-friendly style of training.

# Decarbonizing & Digitalizing – What is coming towards yachting?



- 08.00 - 09.00** Welcome including Breakfast
- 09.00 - 09.10** Setting the scene – Mark Kruidenier
- 09.10 - 10.15** Towards zero-carbon
- The best laid plans of mice and men (targets, and options)
  - Cause the fuels, they are a-changing (LNG, methanol, biofuel, ammonia, hydrogen, colors and fuels)
  - E-asy (fuel cells, batteries, solar cells, cold ironing)
  - What else can we do (energy saving for yachts, antifouling, weight, hvac, light)
- 10.15 - 11.15** Get Digital (for normal people)
- Digital Twin
  - A.I. = An Idiot?
  - Cyberships
  - Augmented Reality (excl. alcoholic beverages)
- 11.15 - 11.30** End of Seminar



# Decarbonizing & Digitalizing – What is coming towards yachting?

Decarbonization and digitalization are transforming the shipping industry and, in the wake of these changes, there are fuel options and technology solutions that can be advantageous to the superyacht industry too. This event sponsored by DNV aims to provide an understanding of the trends and options for low or zero-carbon yachting, while also examining the capabilities and limits of advanced technologies driving the digital transformation in the shipping industry.

## **Towards Zero Carbon-Yachts**

While yachts are mostly exempted from IMO regulations for decarbonization, environmental concerns are bringing change to the superyacht segment. Stricter local regulations and public scrutiny are calling for a more sustainable yachting industry in a bid to reduce the segment's impact on the oceans. This panel will shed a light on the current regulatory framework and explore the best fuel options to increase the sustainability of yacht operations.

## **Get Digital**

The transition towards digitalization is speeding up in the maritime industry. Increased competitiveness, enhanced operational efficiency and improved safety are the goals. This panel aims to explain in layman's terms some of the technologies that are disrupting the industry while exploring how the superyacht segment can rip the benefits of this grand transformation.