



**CCNR**  
CENTRAL COMMISSION  
FOR THE NAVIGATION OF THE RHINE

**viadonau**

# Opening of the workshop on “Shore power at berths”

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Markus Grewe

Chair of the CCNR  
Committee for Infrastructure  
and Environment

and

CCNR Commissioner

# Kudo



↘ All: Language select

↘ Presenters: Take the floor

(press the request to speak button)

↘ Presenters: Turn on and off your Microphone and Camera

↘ Participants: Leave us your Questions in the Message Box

you cannot activate mic or camera

↘ Participants: Presenters will answer in the Q&A sessions



# Program

<b>9:30</b>	<b>Inauguration of the workshop</b> Markus Grewe	Chair of the IEN Committee
<b>9:40</b>	<b>Welcoming addresses</b> Yann Quiquandon Hans-Peter Hasenbichler	Commissioner of the French delegation Managing Director viadonau
<b>10:00</b>	<b>Inaugural presentation: The energy transition In the Inland navigation sector – A challenge for the energy Infrastructure as well</b> Raphaël Wisselmann	Chief Engineer of the CCNR

## STANDARDS FOR SHORE POWER CONNECTIONS FOR VESSEL OPERATION

**11:00** *Coffee break*

## THE USER'S PERSPECTIVE

**12:15** *Lunch break*

## THE SUPPLIER'S PERSPECTIVE

## SHORE POWER FOR PROPULSION

**15:15** *Coffee break*

## PANEL DISCUSSION



# Berths for future-proof inland navigation

- ↘ Follow up of the Workshop organised by CCNR and viadonau 2018 in Vienna
  
- ↘ Topics discussed:
  - Loss of attractive berths in city areas observed
  - Effects of noise and pollutant emissions by generators on residents and inner-city air quality reported
  - Possibility of a mandatory use of shore-side electricity at berth introduced
  
- ↘ Key take-aways:
  - The human being on board must be brought back into focus in the inland navigation system
  - Kick-off for a series of further activities to improve berth situation of inland navigation