

Live Port Course

DREDGING MANAGEMENT & ENGINEERING

12/09/2022 – 16/09/2022



Port of
Antwerp
Bruges
International

A smart port connecting smart people

WHY

It is of essence to understand how the process of dredging can be performed safely, efficiently and cost-effectively, with attention to the marine ecosystem and its marine biodiversity, to face upcoming challenges such as long periods of drought, reduction of CO2 emissions, polluted rivers, seas and soils, ...

FOR WHOM

The course is open to both technical and non-technical professionals, engaged in managerial or operational aspects of the dredging business, such as: dredging contractors and those involved in dredging projects at offshore companies, port authorities, construction companies, conservation agencies, project owners working for governments, coastal engineering companies, dredging contractors in other organisations.

Course fee: Rs 100 000

The course fee covers the course material, airport pick-up / drop off, accommodation (5 nights in a twin sharing room) and all meals and beverages (no GST included)

* A single room can be provided at an additional cost of Rs 20 000 and is subject to availability

Contact us

Koen Cornilly

koen.cornilly@portofantwerpbruges.com

T +32 3 205 23 56

WhatsApp: +32 493 315 006

Ken Houtevelts

Ken.Houtevelts@portofantwerpbruges.com

T +32 3 205 23 22

WhatsApp: +32 493 22 11 59

WHAT

Dredging plays a crucial role in coastal infrastructure projects and guarantees port access and the navigability of waterways. This seminar on Dredging Management and Engineering gives you an overview of the latest applications, technology, equipment and environmental aspects of this topic and its project management with a focus on Belgium / Europe and India / Asia.

The following topics will be covered:

- 1 **Maintenance vs capital dredging**
 - Why dredge?
- 2 **Dredging types, processes, techniques and equipment**
 - Functioning and field of application
 - Trends and innovations
 - Case studies
- 3 **Stages of a dredging project**
 - Reducing costs and risks in your own projects
 - Identification, investigation, feasibility studies, design, construction and maintenance
- 4 **Types of dredging contracts**
 - Standard types of dredging contracts
 - The key principles of contract preparation
 - Minimising the risk of claims
- 5 **Site conditions and soil characteristics**
 - Scope site conditions, soil characteristics and environmental aspects, surveying and geotechnical investigations
- 6 **Environmental aspects of dredging**
 - Environmental impact and corresponding solutions with regard to planning, management, mitigation and monitoring of the project.