



Live Port Course
JNPA-APEC

**SMART PORT
TECHNOLOGIES
AND PORT & TERMINAL
OPTIMISATION**

22/05 – 26/05 2023



Port of
Antwerp
Bruges
International

A smart port connecting smart people

WHY

On the one hand, this course offers a unique mix of applying Smart Port Technologies to increase your port's efficiency and improve its performance. On the other hand, the curriculum emphasises port & terminal optimisation from concept to optimisation with a special focus on advanced planning strategies to maximise service, revenue and profit.

FOR WHOM

This programme is directed towards port professionals, port authorities, port consultants, project managers and terminal operators who are directly or indirectly engaged in the areas of IT, innovation, digital transformation, smart port development and operational departments in port authorities or port operating companies.

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

<http://www.jnptantwerpporttraining.com/>

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

In taking this course, you will understand the potential and necessary elements of automation processes in ports and terminals. You will learn about the challenges in the global supply chain, how to counter them and what innovations there are. You will get insight into the set-up of a global logistics chain and find solutions for a transparent logistic flow, in other words, a Smart Port Network, which optimises a multitude of transport modes.

As the digital age is in full development, it is of utter importance to understand the impact of technology on safety and security in ports. You will dive into the know-how of cyber security and you will become familiar with advanced technological solutions, such as: Big Data, IoT, AI, Port Community Systems, Terminal Operating Systems and their applications in the port industry. Furthermore, you will learn more about the Maritime Single Window regarding the Fall Convention and consequently be able to initiate and further develop digital innovation processes.

In this course, you will also find out how to define KPI's and processes, which serve as the basic and essential part for your port organisation to grow. You will learn to understand the different port management models and their impact (such as port corporatisation, active landlord model, active foreland strategy, active hinterland strategy)

Lastly, you will gain insight into the planning and strategic principles of managing terminals in an effective way and participate in different workshops / assignments.