OFFSHORE WIND FOR PROFESSIONALS
TWO TWO-DAYS SPECIALIZED COURSES
15-16 & 17-18 January 2019

In this two-two day course participants will learn the basics of the offshore wind energy industry.
Level: Professional
Length: Two-two days
Fee: € 1750 / ¥ 230000 for two days (to be paid by invoice or creditcard)
Academic Discount (25%): Available (limited seats)
Dates and enrollment: 15-16 & 17-18 January 2019
Location: Tokyo Bayside Bldg.
3-33-17 Kaigan
Minato-ku Tokyo
108-0022
Japan
Simultaneous translator from English to Japanese: Available
For enrollment or more information please contact:
ken@dob-academy.nl
Subscription open until: 7th of January 2019

DOB-Academy offers offshore wind energy education for professionals. For the complete curriculum, please visit our website.

LEARNING OBJECTIVES
- Understanding the rapid growth and development of the offshore wind energy industry
- Gain a basic understanding of key design parameters in the design of offshore wind turbines and their foundations.
- Understanding the basics of offshore wind energy projects and how the electricity is transported to consumers and how a business case can be built for this.
- Identify the components to be transported and installed and understand how synergies can be created between these components to increase the efficiency of the operation
- Gain insight into the life cycle of a typical wind farm including design, construction, installation, operation and maintenance.
- Understand the need for a well developed maintenance strategy based on a better understanding of failures and how insurance can help mitigate some of these risks.
- Understand the dynamics of contracts and how these can limit your operation or open up new opportunities.

TARGET AUDIENCE
This course has been developed for professionals or academics new in the offshore wind industry and for those who want to increase their understanding and built upon their experience.

ABOUT

COURSE CONTENT

Day 1: Design Part I
- Background offshore wind
- Offshore power networks
- Very short infographics
- Background offshore wind
- Offshore power networks
- Very short infographics

Day 2: Design Part II
- Workshop: Site Data
- Workshop: Design your own rotor
- Workshop: Wind turbine selection
- Workshop: Site Data
- Workshop: Design your own rotor
- Workshop: Wind turbine selection

Day 3: Execute Part I
- European drivers for offshore wind
- Tendering
- Components and supplychain
- On- and offshore transports
- Ports
- Workshop: seafastening
- Installation logistics
- European drivers for offshore wind
- Tendering
- Components and supplychain
- On- and offshore transports
- Ports
- Workshop: seafastening
- Installation logistics

Day 4: Execute Part II
- Failures
- Operation and maintenance
- Insurance
- Project: Project value calculation
- Contracting
- Trends and future innovations

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