

R&D Webinar - NEMO Project Outcomes

Improving turbulence assessment to optimise wind turbine design



With the financial support of:



Welcome Words



Neil LUXCEY
Head of R&D Department



Julia GOTTSCHALL
Chief Science Coordinator



Warren WATSON
Senior Researcher



Maxime THIÉBAUT
Senior Researcher



Farkhondeh ROUHOLAHNEJAD
Research Associate



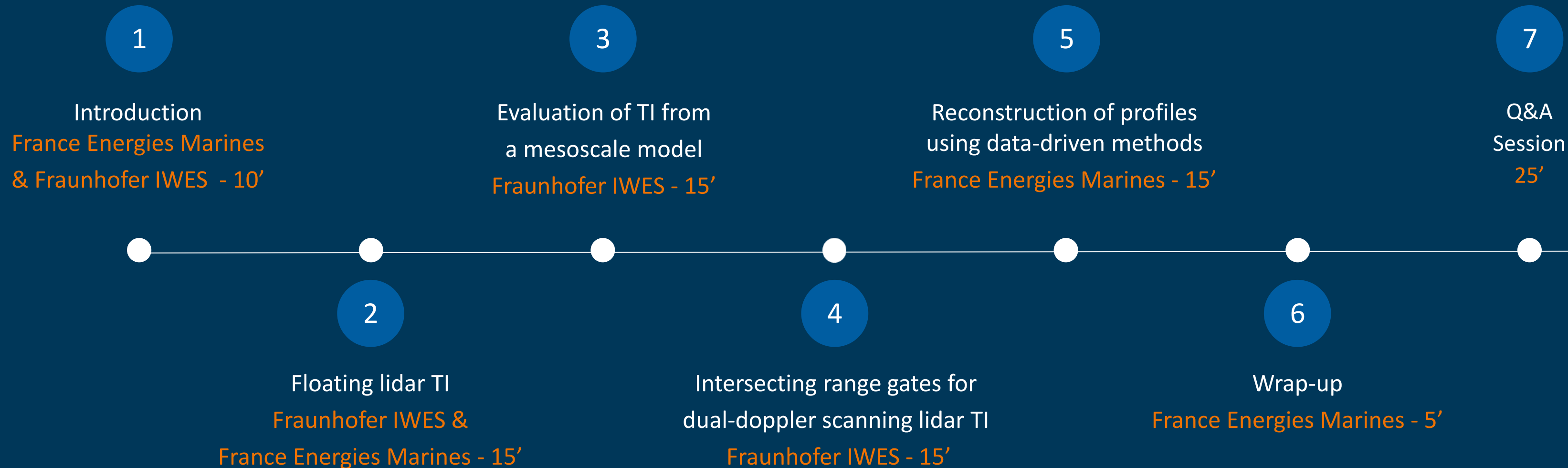
Martin DÖRENKÄMPER
Head of Digital Asset Evaluation



Robin MARCILLE
Researcher



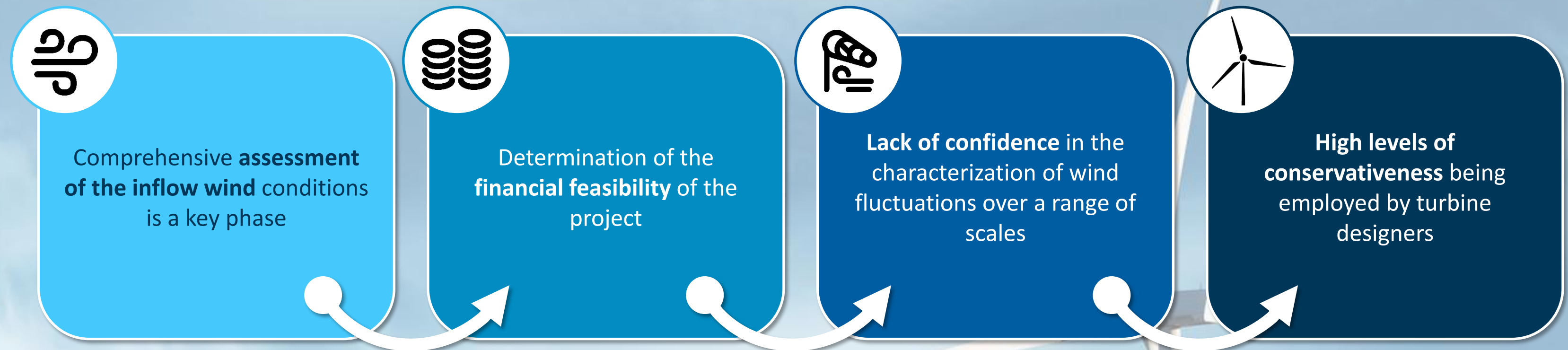
Agenda



Q&A Tab to ask questions that will be addressed after each presentation and during final Q&A Session

Introduction

DEVELOPMENT OF A WIND ENERGY PROJECT



30 MONTHS
(2023-2026)

€1.400K
TOTAL BUDGET

OBJECTIVE

To provide methodologies and tools for a comprehensive assessment of turbulence at prospective offshore wind sites

SCIENTIFIC CONTENT

- Review and redefinition of turbulence metrics for the offshore wind applications
- Measurements of atmospheric turbulence
- Modelling of turbulent flows
- Reconstruction of offshore wind metrics using data-driven methods

12 PARTNERS

