

**YOUR PROPULSION EXPERTS**



**Ruben-Richard Singhof**  
**Senior Sales Manager**  
**Central EUROPE**



# **TEAM VCE – CENTRAL EUROPE**

**SALES CENTRAL EUROPE | OCTOBER 2025**



YOUR PROPULSION EXPERTS

**RudderPropeller**  
— SINCE 1950 —



# PROPULSION ENGINEERING FOR YOUR FUTURE FLEET

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RUBEN-RICHARD SINGHOF | OCTOBER 2025



**126+** worldwide  
sales agencies and service stations  
for customer proximity



Rudderpropeller plants with highest quality  
production in Germany 

Global network with **19** subsidiaries  
and > **1.800** employees



**75+ years**  
in competence & manufacture  
of azimuthal propulsion systems

YOUR  
THRUSTER  
PARTNER

for a lifetime



Founded **1921** and still  
family-owned

Customer-orientated development with  
experienced in-house R&D



Sales & After Sales Partner since more than 50 years

**TECHNAVA S.A.**



# SCHOTTEL Maritime Group

In a nutshell



>1800  
Employees worldwide



Family-owned with long-term, future-orientated strategies

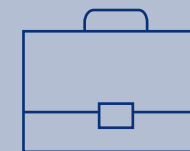
#1

Solid market position in  
azimuthing propulsion

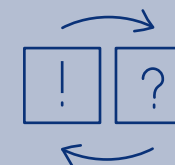
Global  
network  
with



19  
subsidiaries



Broad scope of  
**job** profiles



International  
knowledge transfer

# SCHOTTEL Group Structure



SCHOTTEL GmbH	BEWA SOLUTIONS GmbH	Wolfgang Preinfalk GmbH	SCHOTTEL HYDRO GmbH	Elkon Elektrik San. ve Tic. A.Ş.	SCHOTTEL Marine Technologies GmbH
			 HYDRO		
Marine propulsion systems	Automation technology	Gearing and gearboxes	Hydrokinetic and tidal energy	Electric system integration	Marine technologies



# SCHOTTEL Factories



- All thrusters built in Germany
- High manufacturing depth

 **made  
in  
Germany**



# MAIN FACTORY / DÖRTH-GERMANY



Factory in Dörth





# Production | Inhouse Services





# SCHOTTEL Subsidiaries (with workshops)



SCHOTTEL Inc. USA



SCHOTTEL Nordic Norway



SCHOTTEL Far East



SCHOTTEL do Brasil



SCHOTTEL Nederland BV



NEW SCHOTTEL do Columbia (opening 01/2025)



# SCHOTTEL Main Products

## SCP Controllable Pitch Shaftlines up to 50MW





# SCHOTTEL Main Products

## SRP Rudder-Propeller, Fixed Pitch / Controllable Pitch up to 6MW





# SCHOTTEL Main Products

## SRE Pull Rudder-Propeller, Fixed Pitch / Controllable Pitch up to 6MW



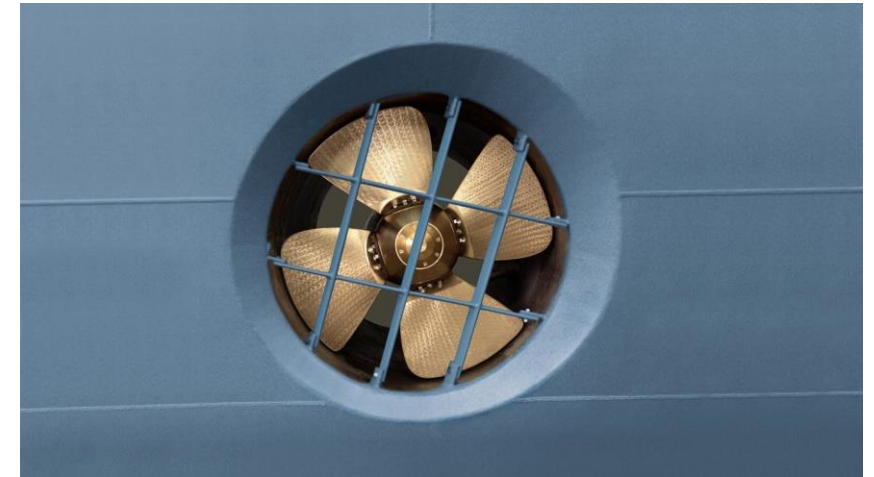


# SCHOTTEL Main Products

**STT Transversal Thruster, Fixed Pitch / Controllable Pitch up to 4MW**



**Super Silent Version**





# SCHOTTEL Main Products

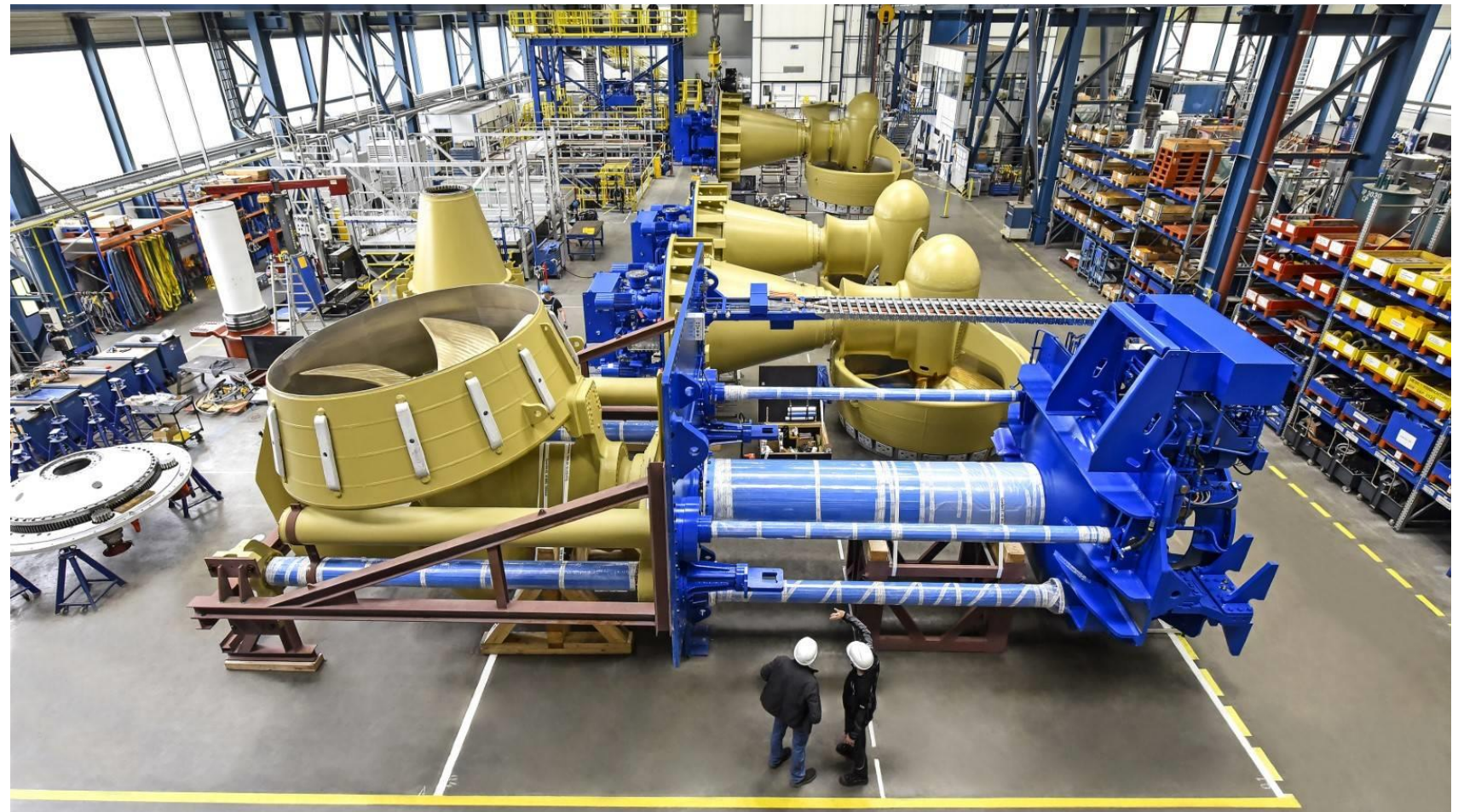
**SPJ Schottel Pump Jet for shallow waters and military applications, Submarines, & Landing crafts, needs only 50cm water under the hull.**





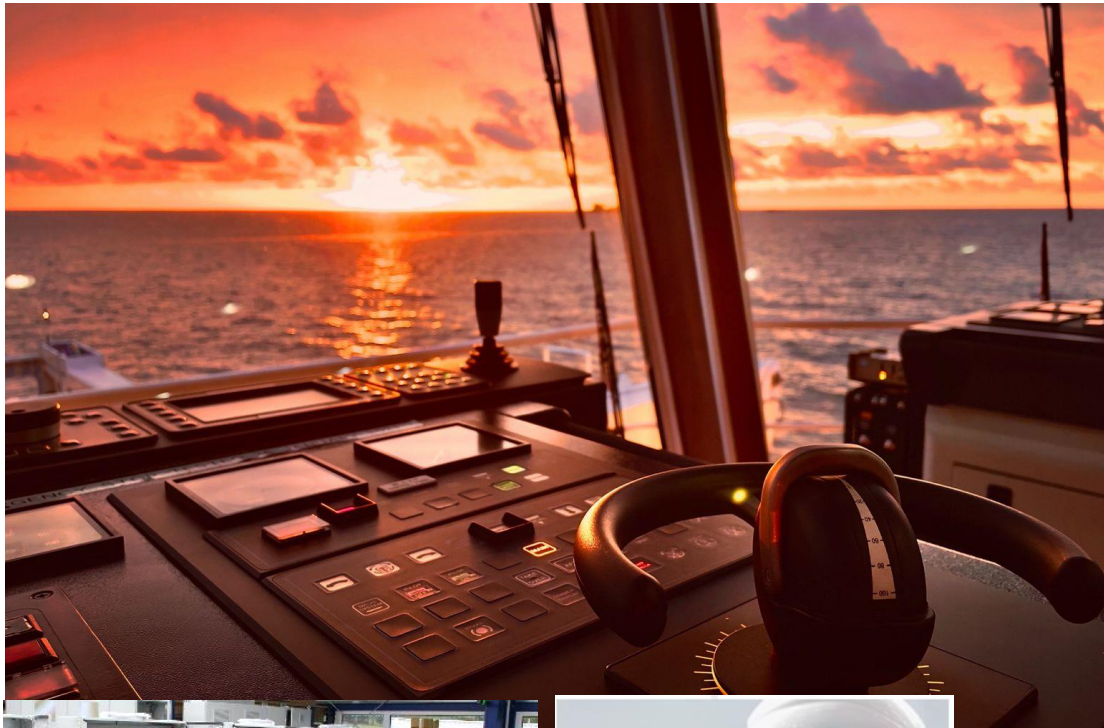
# SCHOTTEL Main Products

## SCHOTTEL Retractable Propeller, Fixed Pitch / Controllable Pitch up to 4MW





# Control Systems including the new notation CS for Cyber Security Applications.





# SCHOTTEL and Green Propulsion

## Alternative energy sources

**AMMONIUM NH<sub>3</sub>**

**LNG** Liquide Natural Gas

**FUTURE  
with  
GREEN  
PROPULSION  
SOLUTIONS**

**BATTERY POWER**

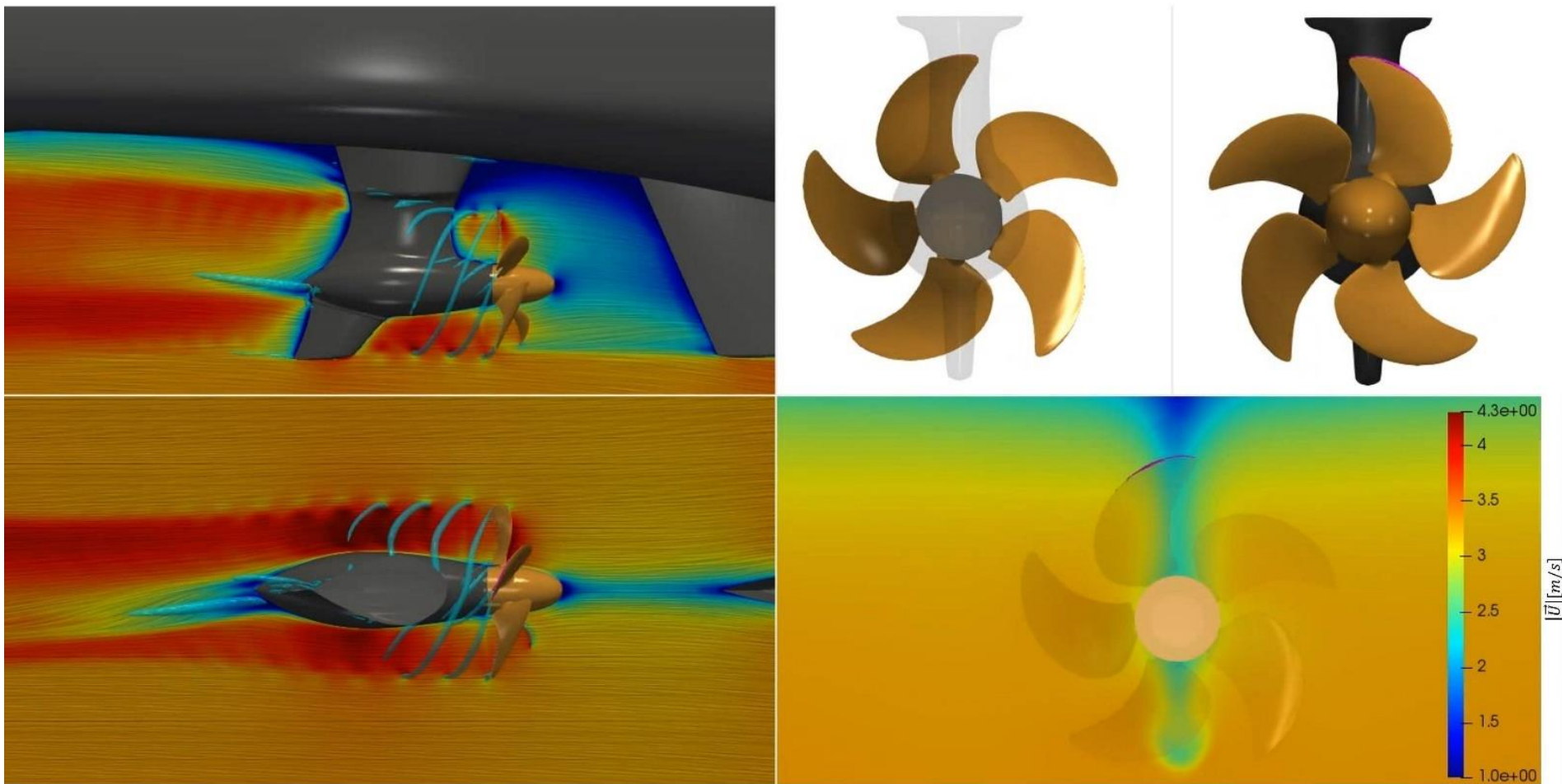
**HYDROGEN H/H<sub>2</sub>**



**Ends up in Hydrodynamic Investigations, CFD Analysis and Propeller-Design,  
to increase the Propulsion Efficiency and to lower mechanical losses.**

# SCHOTTEL and Green Propulsion

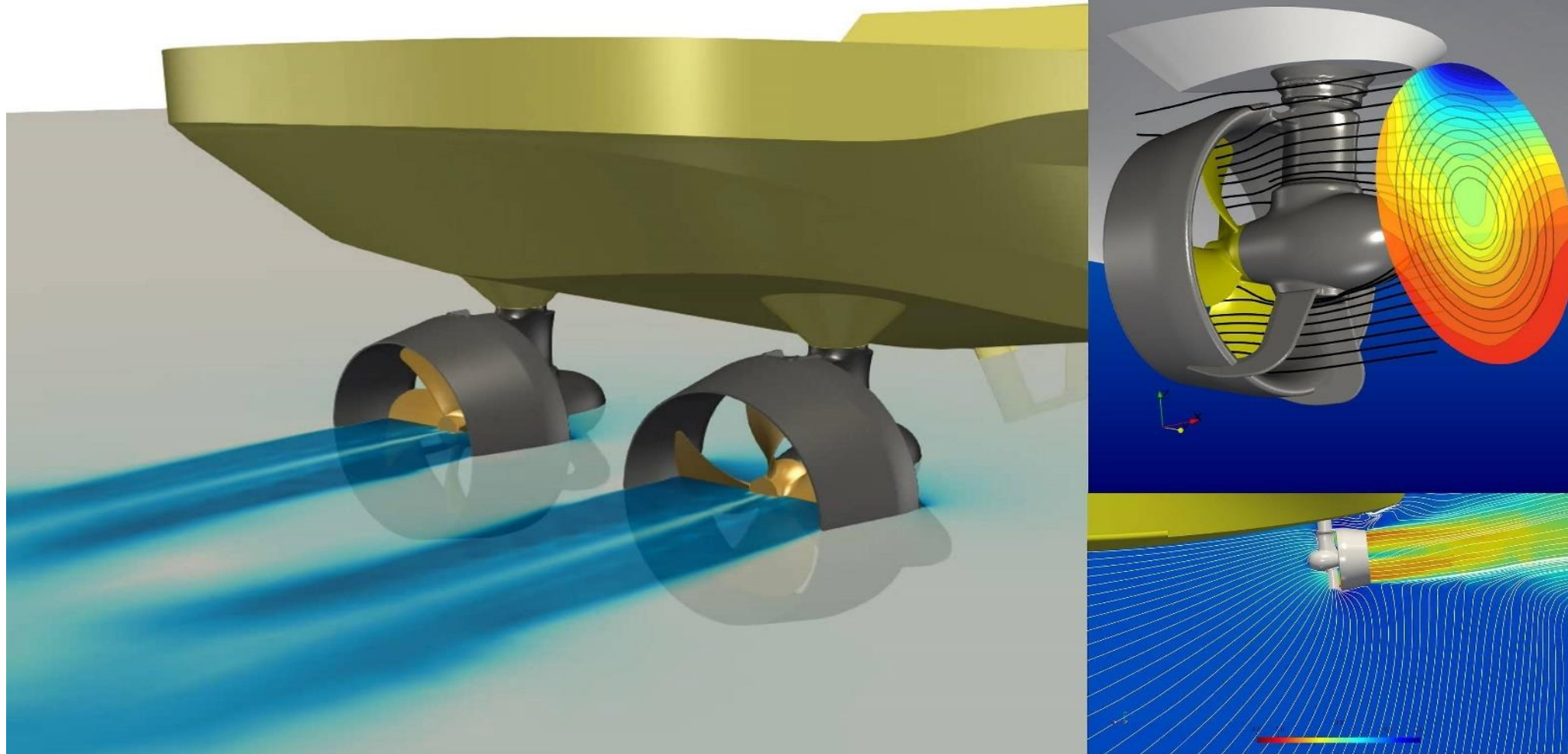
## CFD Analysis





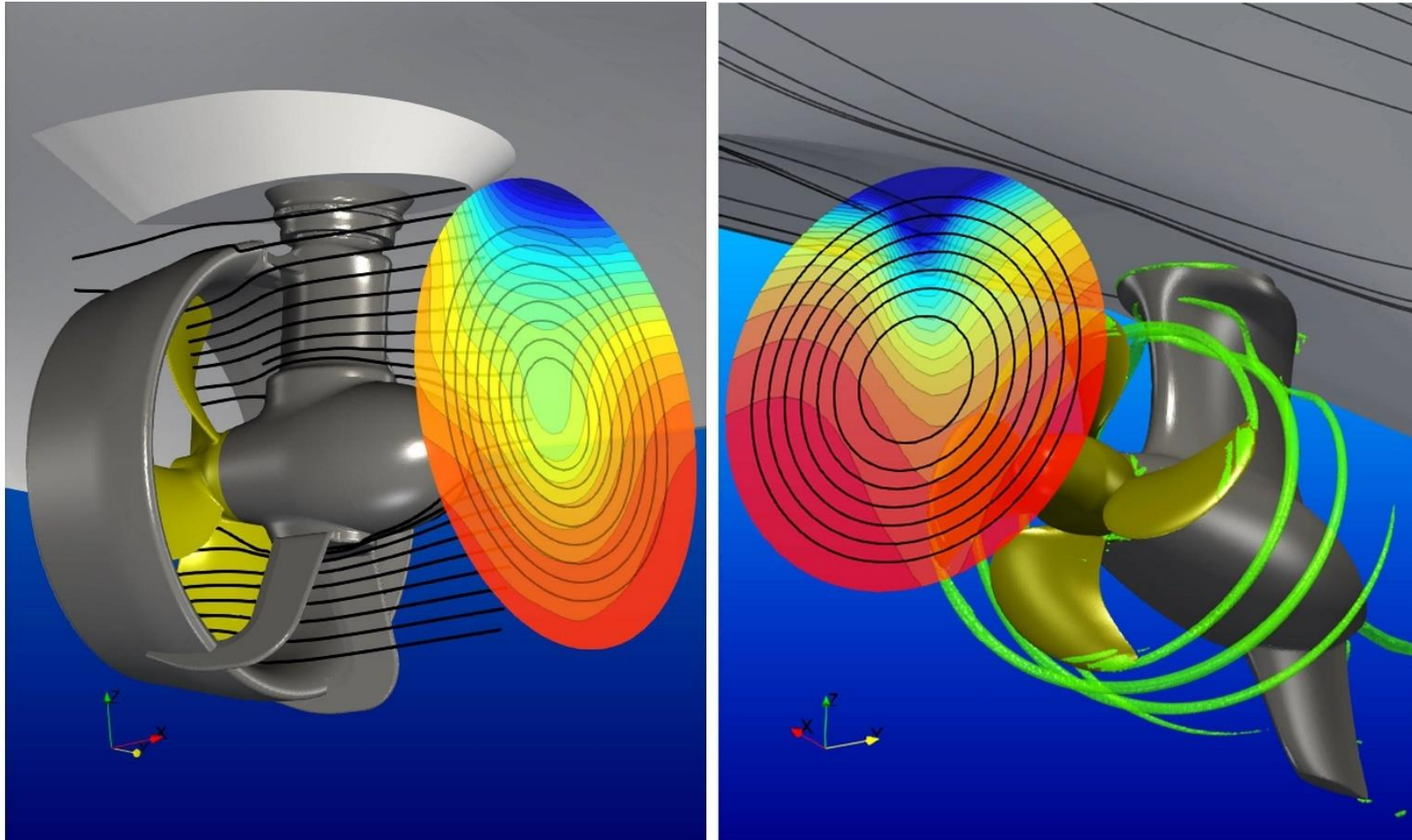
# SCHOTTEL and Green Propulsion

## CFD Analysis



# SCHOTTEL and Green Propulsion

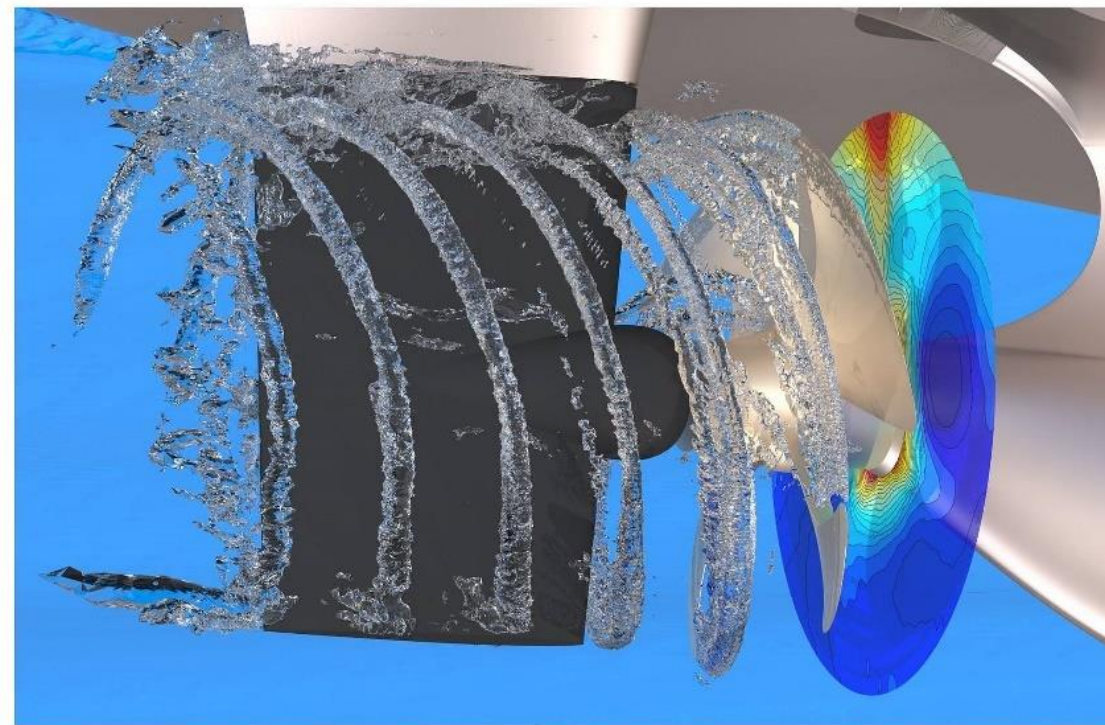
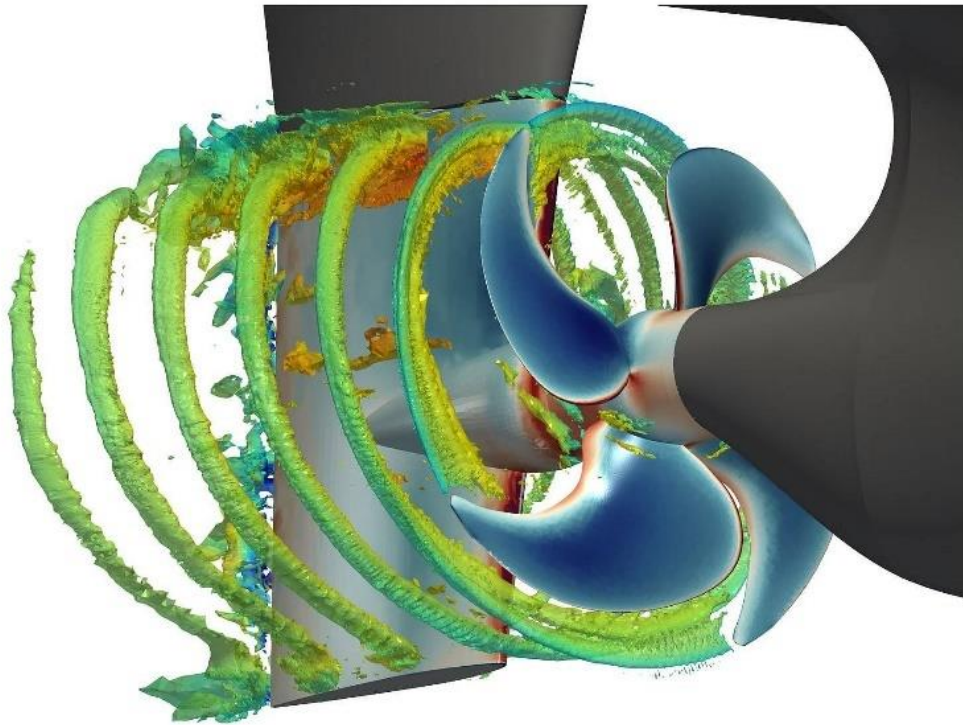
## CFD Analysis





# SCHOTTEL and Green Propulsion

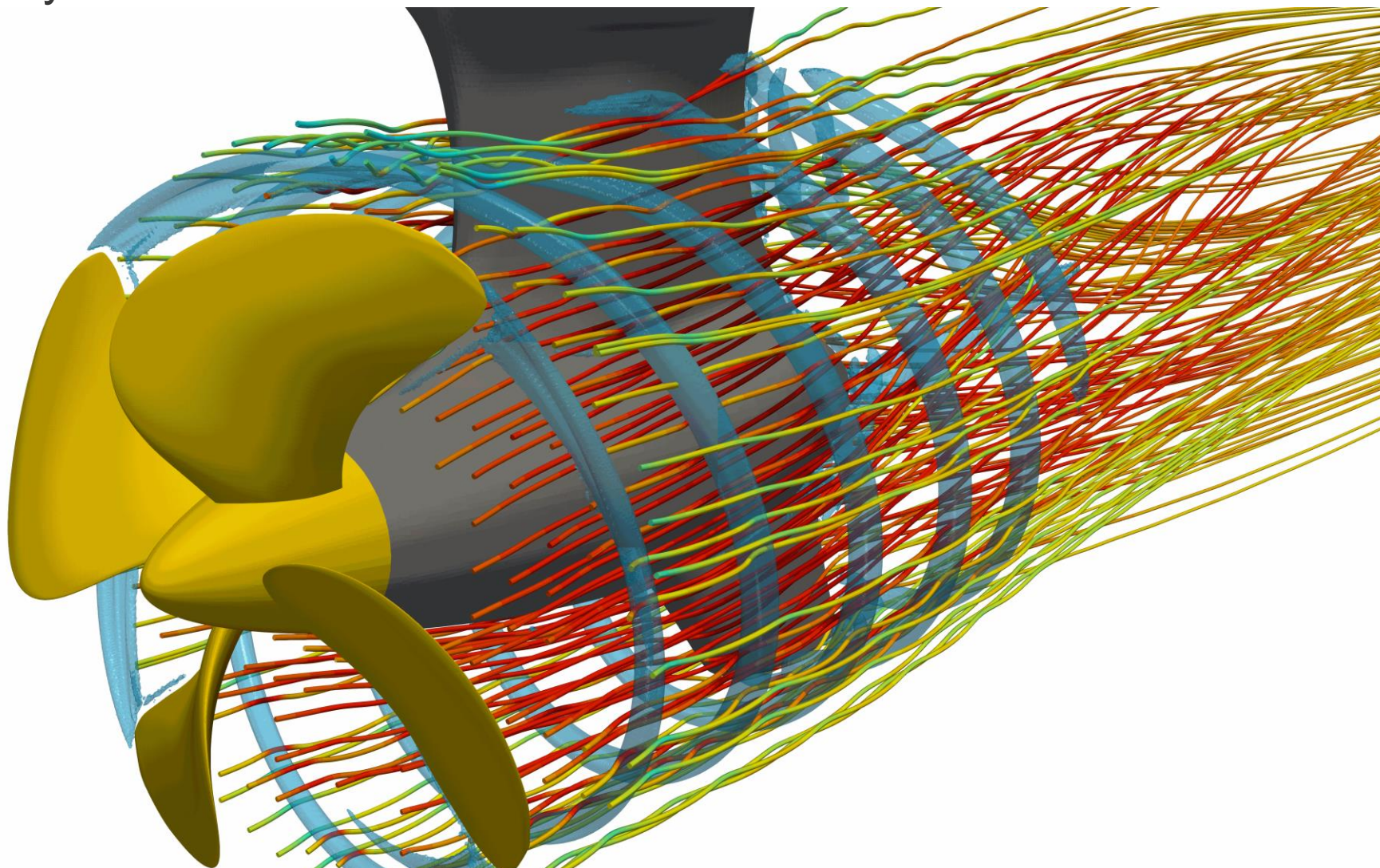
## CFD Analysis





# SCHOTTEL and Green Propulsion

## CFD Analysis



# SCHOTTEL and Green Propulsion

**SRE Schottel Rudder-Propeller Economic**

**PULL Propeller - Typical Green Propulsion System**

**„LOSS Eater“**

***„THE FUTURE***

***azimutal propulsion***

***SYSTEM“***





# Our Quality Promise



**126+ worldwide**

sales agencies and service stations  
for customer proximity

**213+ service technicians**

for worldwide vessel mobility

Standardized

**FAT procedures**

Rudderpropeller plant with highest  
possible

**shop floor quality control**

**Permanent certification**

processes throughout production plants

Continuous quality check/audit of

**110+ key suppliers**

**75 years**

of competence in development  
& manufacture of Azimutal Propulsion Systems

Expert advise with

a global sales workforce of

**96+ specialists**

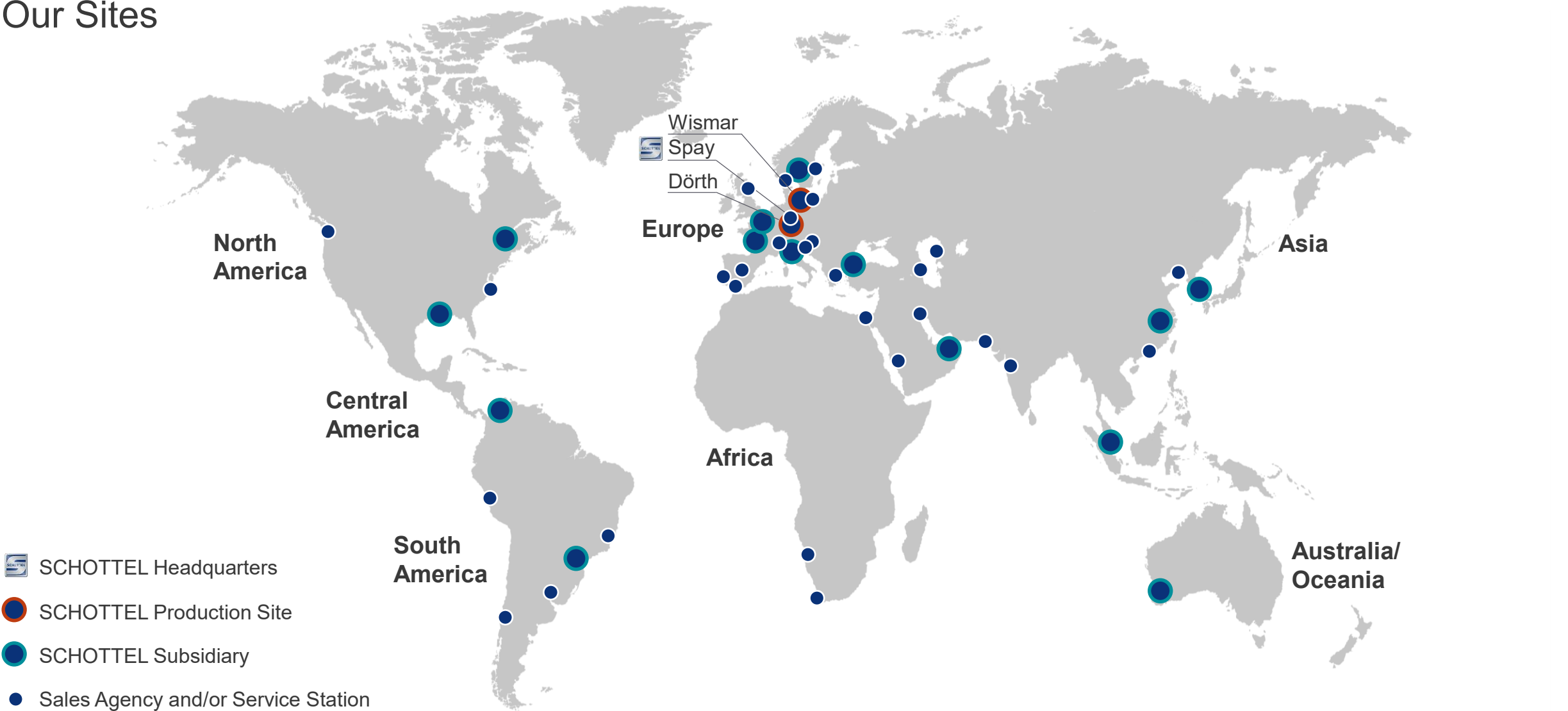
Customer-orientated development with  
**experienced in-house R&D**

**YOUR  
THRUSTER  
PARTNER**

for a lifetime

# SCHOTTEL Worldwide

## Our Sites







# BUSINESS FIELDS

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# Markets: New Builds

Segments: => New ships: VTO, VFP, VME, VNG

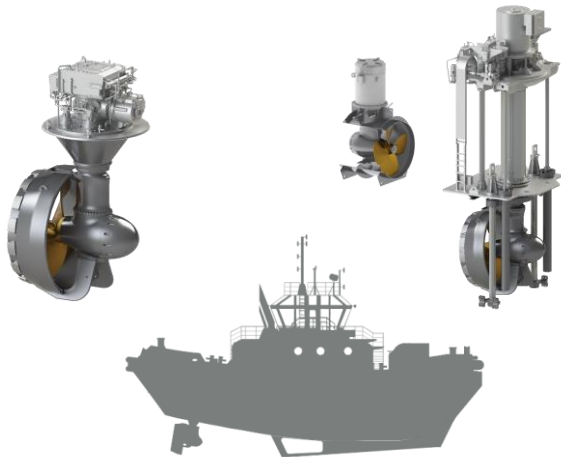
# Modernizations/Refits

=> Existing ships: VMO

## VTO

### Tugs & Offshore Energy

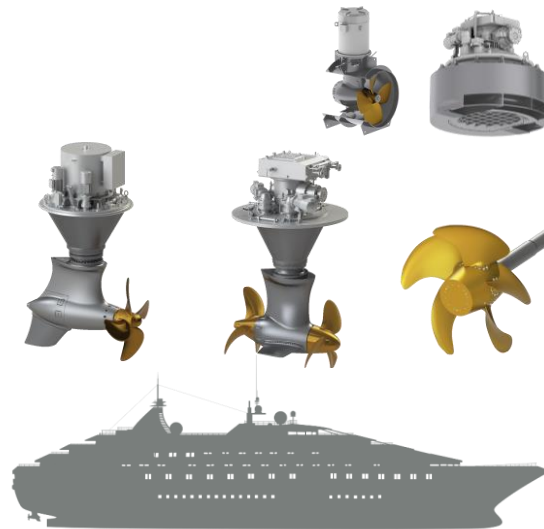
Propulsion solutions for vessel handling and dynamic positioning tasks of all kinds, taking maximum thrust and fuel efficiency into consideration as well as crew comfort.



## VFP

### Cruise, Ferry & Yachts

Highest level of maneuverability, best hydrodynamic performance for comfort and efficiency.



## VME

### Merchant

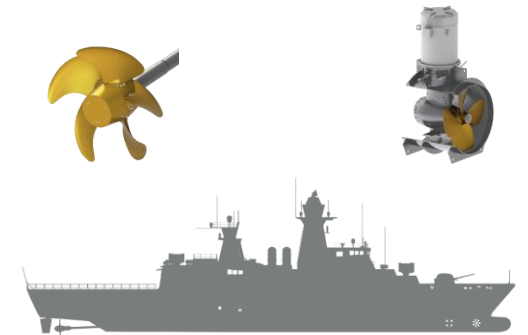
CP shaft lines and steerable propulsion systems for cargo vessels, dredgers and fishing vessels. Optimal propeller design and tailored solutions for specific operational requirements.



## VNG

### Navy & Governmental

Systems and services for Navy and coast guard ships based on standard equipment, tailored products and the commitment to meet the special requirements of Navies worldwide.







optional packaging



Marine propulsion  
systems



**elkon**  
electric system integrator

Electric system  
integration

*„Full member of the  
SCHOTTEL Group“*



Various Options:

- LV Switchboards
- Alarm Mon. & Control
- Electric Propulsion
- Installation
- +
- Navigation & Communication
- Cables, Ligting, Fire Detection etc



# GREEN VESSELS

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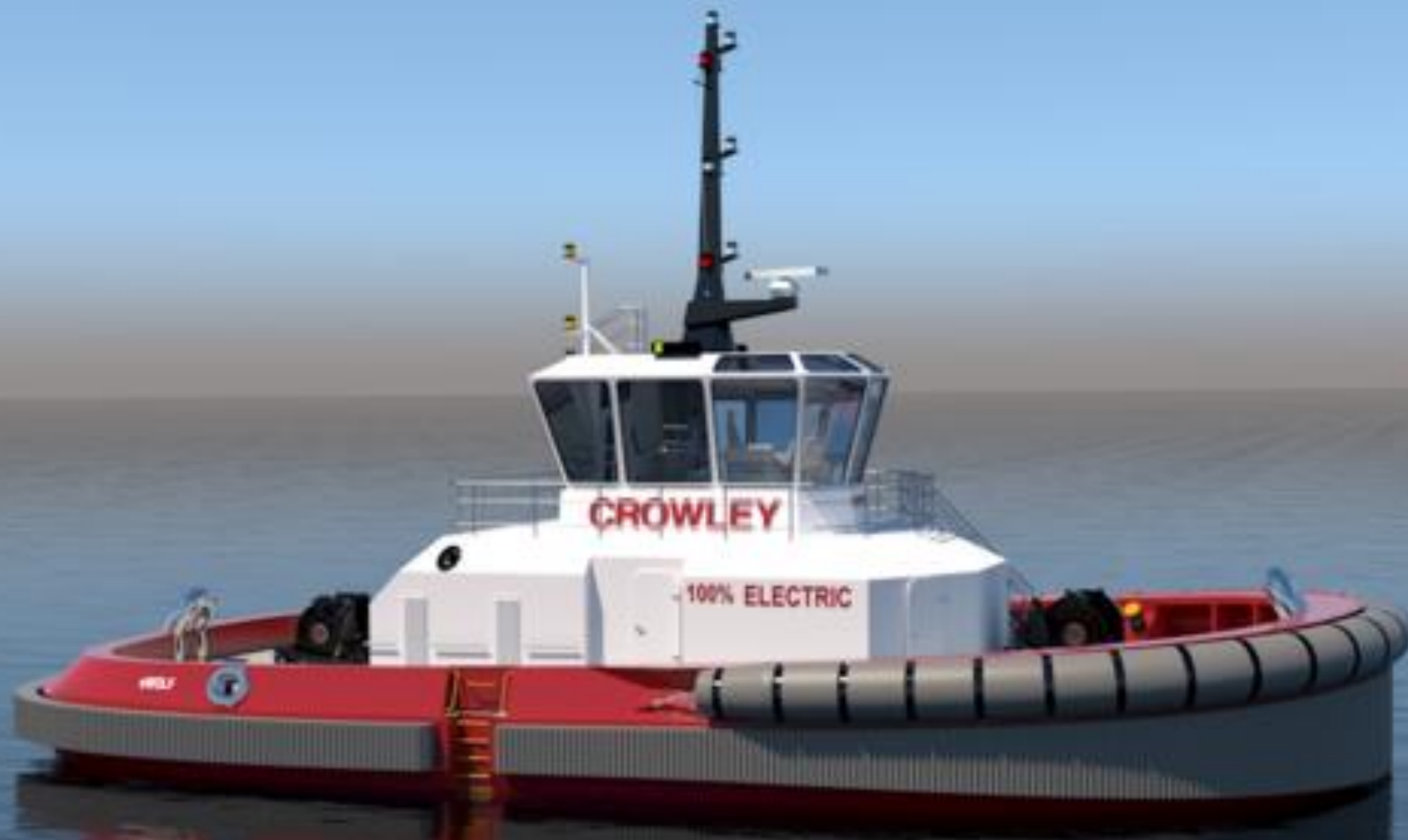
















# Thank's for your kind attention !





A detailed white wireframe illustration of a Schottel RudderPropeller is positioned on the left side of the image. The propeller features a complex, multi-bladed design with a central hub and a large, funnel-shaped structure at the top. The entire illustration is set against a dark blue background with a subtle pattern of small white dots and bubbles.

**RudderPropeller**  
— SINCE 1950 —



# Precision in every manoeuvre

**THE LEADING INVENTION SINCE 1950**



