





FORERUNNER IN
ADVANCED TECHNOLOGIES.
WE ARE STRENGTHENING
OUR COMPETENCE
FURTHER.

OUR TARGETS

2025

Conceptual
maturity of the first
Net Zero cruise
vessel

2030

Net Zero
production at yard
building state
(scope 1 and 2)

2030

Readiness to deliver
first Net Zero cruise
vessel



SUPPORTED ACTIONS

NEOLEAP

Research and Development Program

Meyer's NEcOLEAP green transition program brings together representatives of universities and research institutes to develop technology solutions that are innovative and sustainable on a global scale. One of the primary goals of the program is to accelerate the adaptation of our shipyard's business to green transition and respond to the demands of climate change together with our ecosystem partners.



Navisspace, NavisConcept,
Emotional Impact
MaMa, Sust. Stateroom

**Sustainability General
Data & Reporting**
SBTi
Biodiversity

Shipyard Energy Efficiency
Crane Braking Energy Recovery
Energy mgt research

5S
Material Pre-picking and
Consolidation
TK Material Flow
Future Vertical Logistics
Leading Green Logistics Leap-
AI

Shipyard Vision 2030
Circular Economy

Steel Material life cycle
Refine
4 mm Robot Welding
Weather Protection
Improving Air Quality
Achieving Sustainability in Manual Welding

**Sustainable
shipyard
development**

**Energy
efficiency**

Logistics

**Shipyard
infrastructure
development**

**Production
and factory
development**

**People
Competence
development**

MeTCOS
PM-Game
GTLab
Aalto Univ. Collab
ÅA collab

**AVATAR
Digital**

**AVATAR
Machinery**

**AVATAR
Shipbuilding**

**AVATAR
Hotel**

Canelis, MeyMod
Abico, Urneco
Necom, MEMS
Necoprop, SusFlow,
Hydrogen Studies

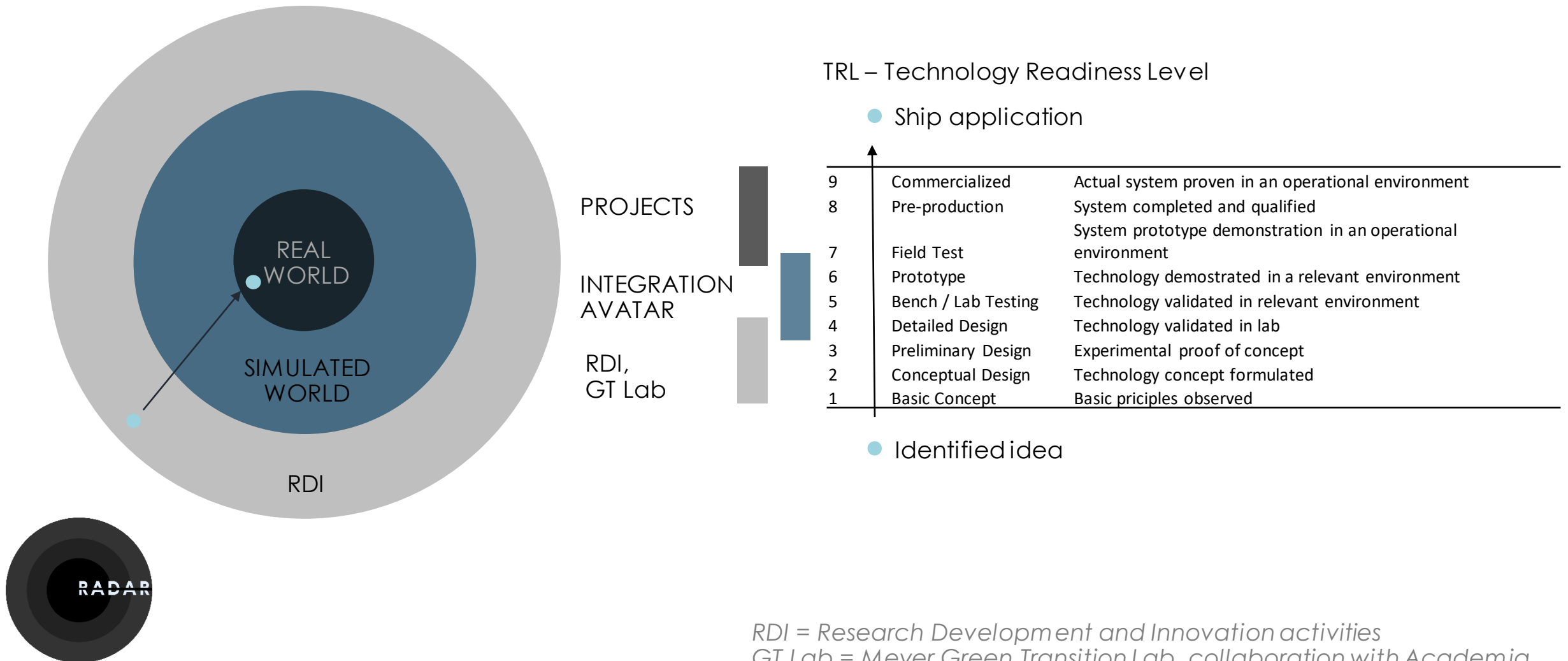
FlexCPT,
Prowaters
**Virtual
Seatrial**

Cyber Security
MT AI
Necoverse,
MeyComb
OCX





BUILDING THE PATHWAY FROM RDI TO SHIP APPLICATIONS



RDI = Research Development and Innovation activities
 GT Lab = Meyer Green Transition Lab, collaboration with Academia

INTRODUCING OUR CROSS-ORGANIZATIONAL COLLABORATION TOWARDS A FUTURE PRODUCT PORTFOLIO



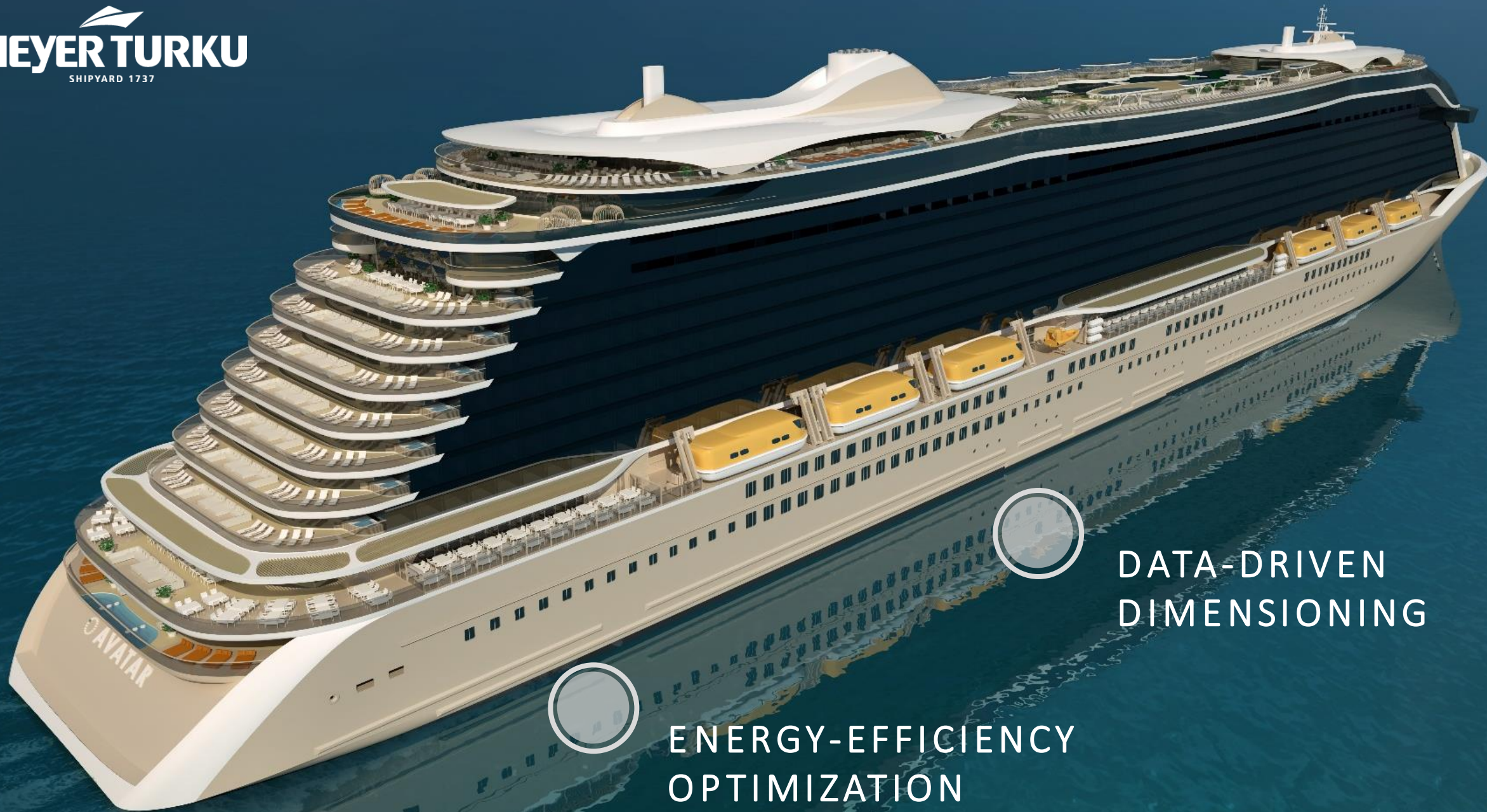
 AVATAR



FROM CUTTING-EDGE SHIP
CONCEPTS TO VERSATILE NEEDS OF
GREEN CRUISING AREAS



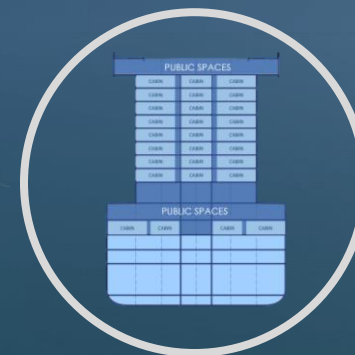
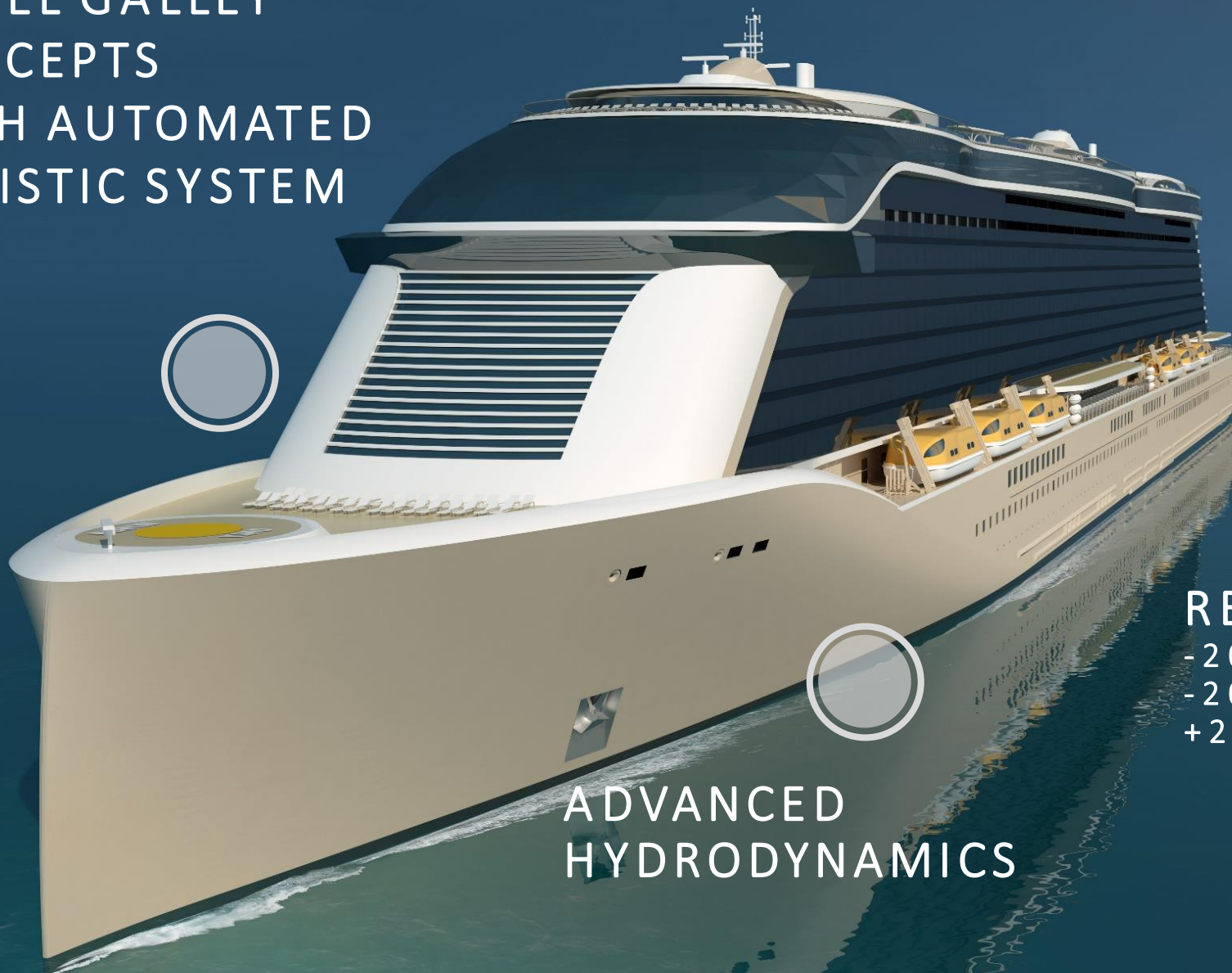
EXTENDED
POSSIBILITIES ON
PLATFORMS



DATA-DRIVEN
DIMENSIONING

ENERGY-EFFICIENCY
OPTIMIZATION

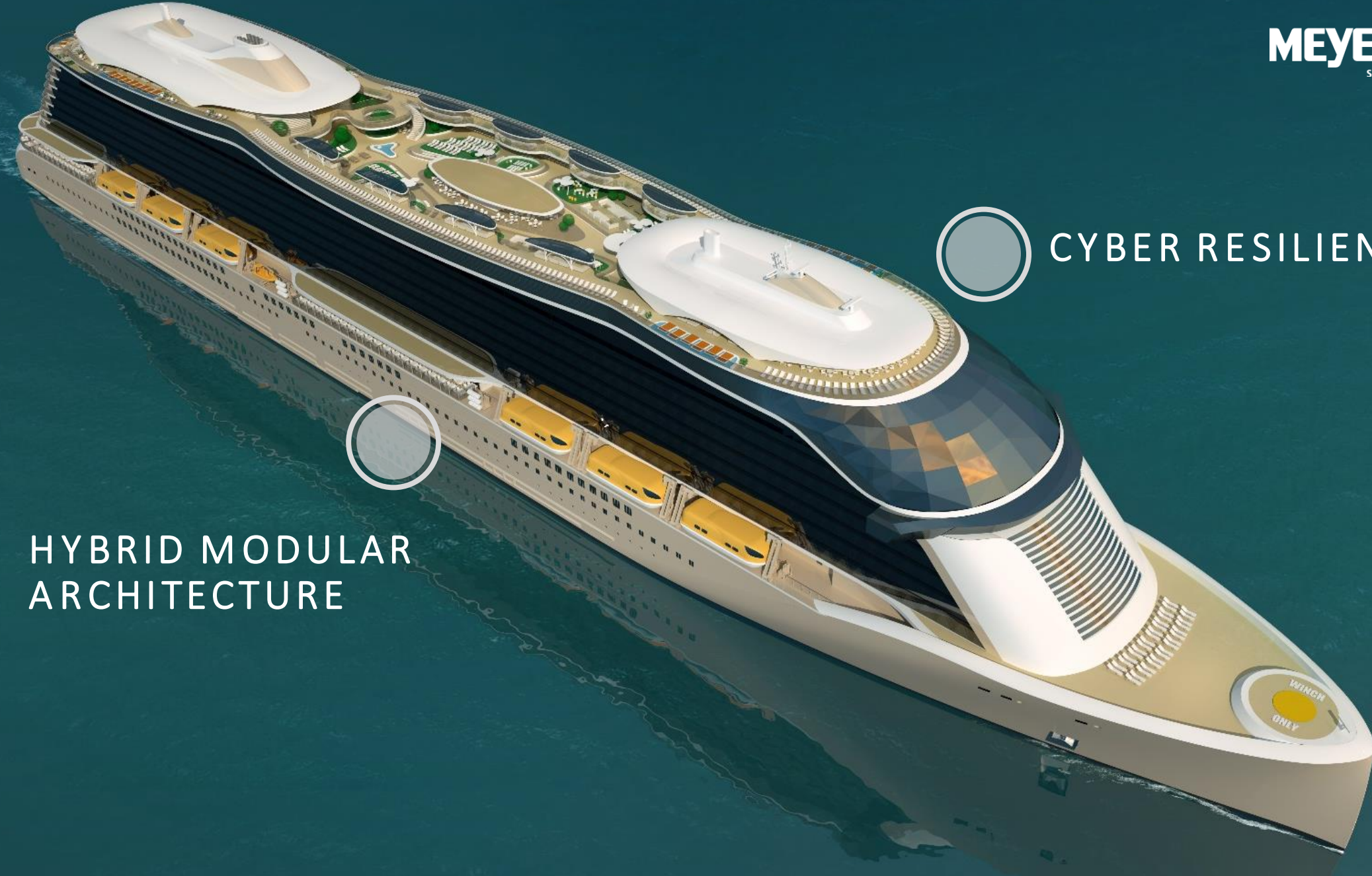
NOVEL GALLEY CONCEPTS WITH AUTOMATED LOGISTIC SYSTEM



REVOLUTIONARY DESIGN

- 20% PUBLIC SPACES
- 20% SERVICE FUNCTIONS
- + 20% CABINS

ADVANCED
HYDRODYNAMICS

 CYBER RESILIENCE

 HYBRID MODULAR
ARCHITECTURE

SUSTAINABLE STATEROOM

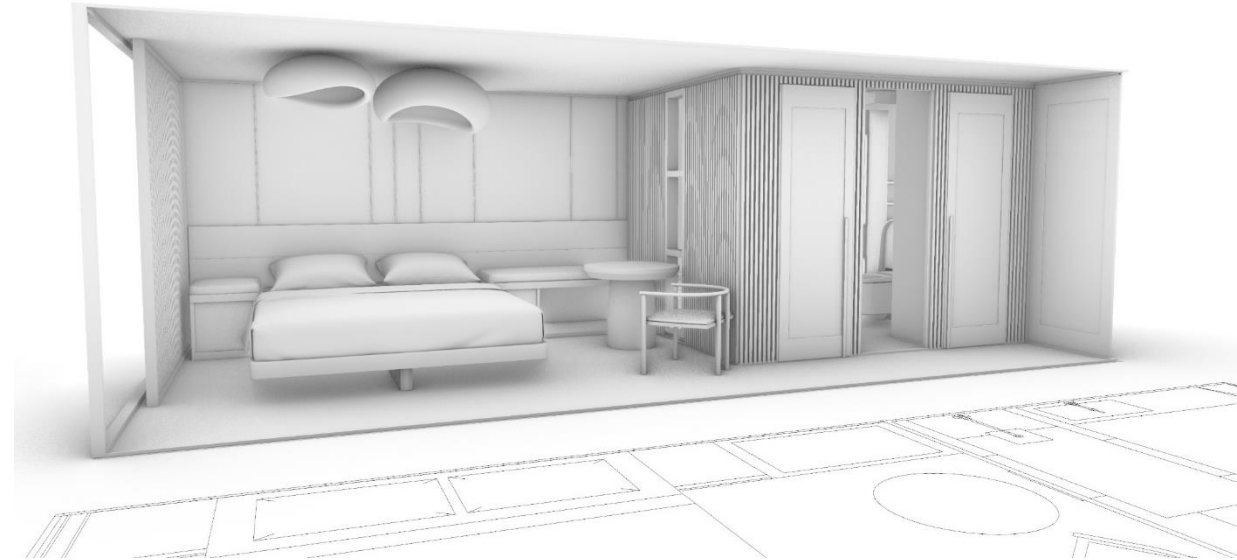
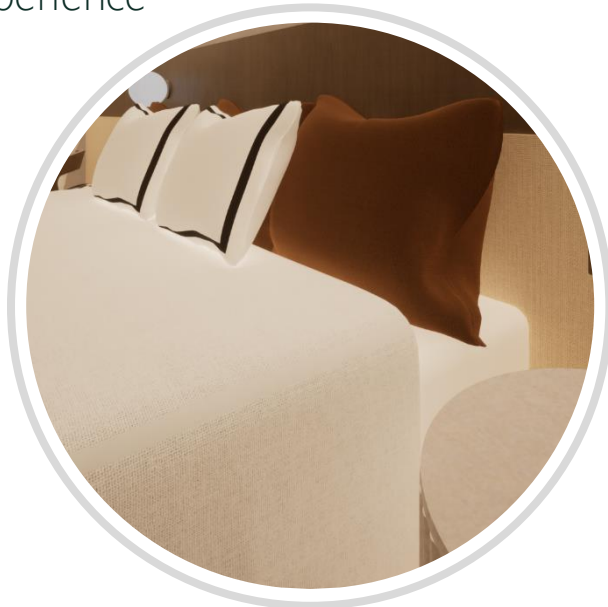


FUTURE GUEST SPACES



SUSTAINABLE STATEROOM

“The project also focuses on SMART features of the stateroom, identifying operational efficiencies that simultaneously contribute to emission reduction and enhance the overall customer experience”



MATERIALS



TRANSPORTATION



PRODUCTION



USAGE



DECONSTRUCTION

The holistic consideration extends to the end of the product life cycle, emphasizing material selections, recycling, and the principles of a circular economy.



READY FOR THE CHANGING NEEDS OF THE INDUSTRY.


MEYER TURKU
SHIPYARD 1737