



AVEVA WORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Marine Vision & Community Day Insights

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WELCOME TO **AVEVA WORLD MILAN**

MARINE INDUSTRY FORUM



Marine Content at AVEVA World

Day 1 19th May		
13:00 - 13:45	AVEVA Marine Vision & Agenda	AVEVA - Matt Miller
13:45 - 14:15	AVEVA Marine Complete Lifecycle Demo	AVEVA – Joshua Wright
14:15 - 14:45	Information-Driven Product Model for Optimized Design, Production, and Through-Life Support	Saab Kockums
15:15 - 15:45	Data-Driven Pipe Spool Fabrication with PipeCloud and AVEVA E3D	Helsinki Shipyard
17:30 - 18:00	Operational support, troubleshooting and prediction of performance through integrated operations	Yinson
Day 2 20th May		
10:15 - 10:45	The Next Generation of Marine Engineering: A Roadmap to Unified Engineering	AVEVA - Gauthier Stonestreet
10:45 – 11:15	Improving Electrical Work Efficiency with AVEVA Engineering and E3D	Hakodate Dock Co. -
11:15 – 11:45	Synchronizing Marine Design and Production	AVEVA - Valentina Futoryanova
12:00 - 12:30	Transforming Ship Operations Through Data and Digital Twins	AVEVA - Matt Miller
12:45 - 13:15	Elevating Offshore Excellence: BRAVA's Digital Synergy with AVEVA PI, T2S, and EDTOOLS	Technomar, Brava
16:45 - 17:30	Innovation Zone - Marine Tour	AVEVA - Matt Miller

AVEVA's Intelligent Marine Systems

Vision & Mission



Marine- an Industry (already) in Disruption

IMO/EU regulations pushing decarbonization



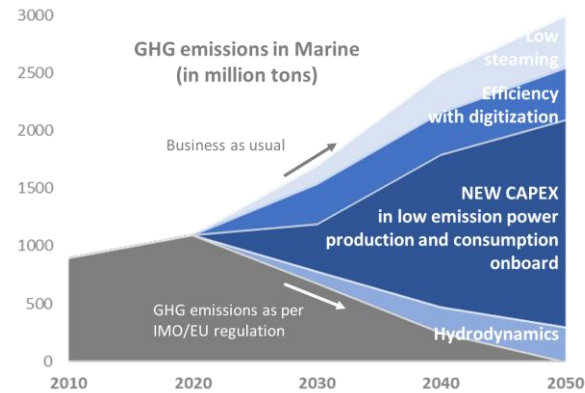
IMO & EU set standards to reduce international shipping emission by 70% by 2040 and net zero by 2050

Energy transition



Shift in Energy demands drive localization of supply chains

Very few options in the short term



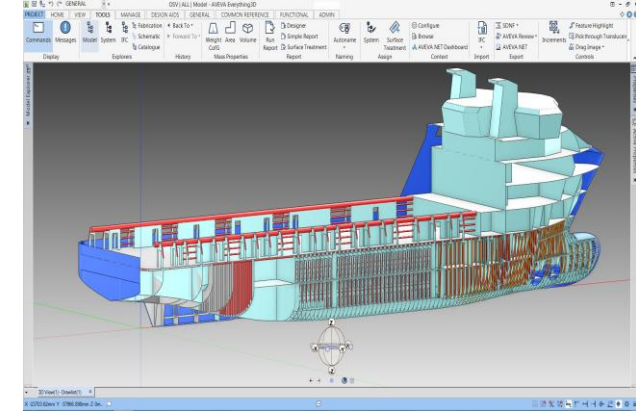
Efficiency improvement and digitalization the easiest option

Supply-chain Disruptions



Global conflicts and trade war will accelerate need for visibility

Digital and more complex ships



Ability to quantify improvements and set new requirements

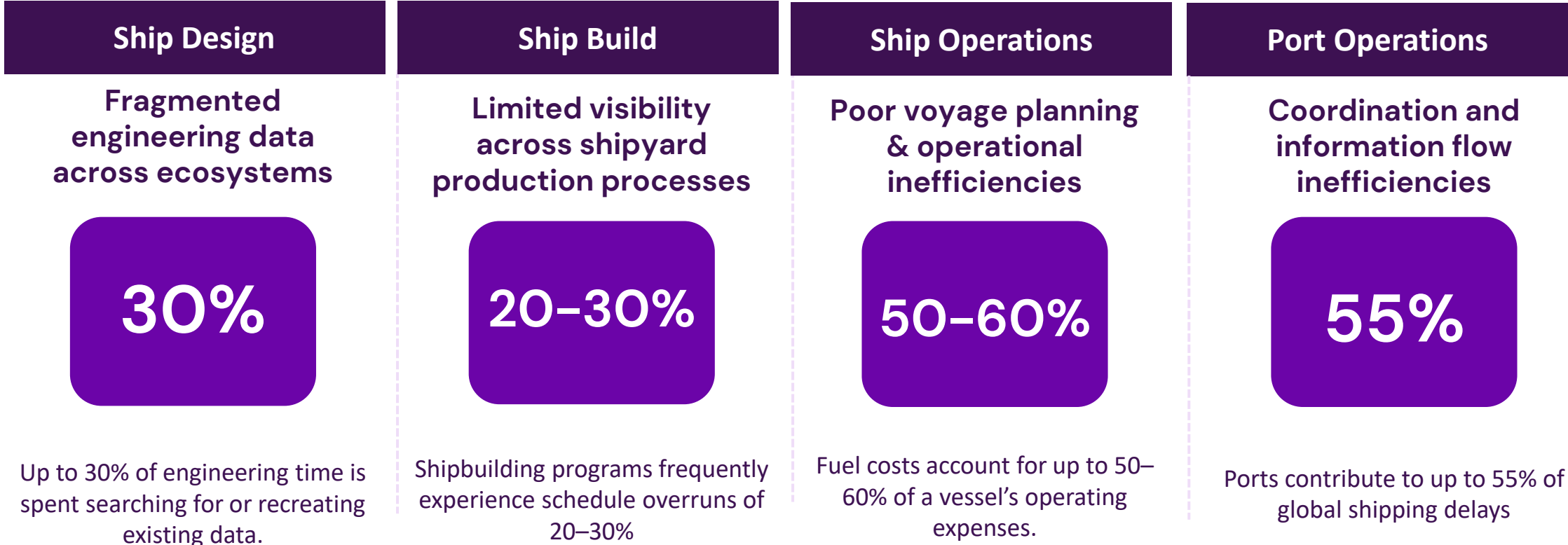
Investments in Domestic Security - Navy



Increase in national security investments

Operational Challenges across the Marine Lifecycle

The impact of disconnected data





Digitalisation is accelerating, but where is the value?

The challenge is not adopting more technology;
it is organizing data to unlock meaningful
insight.

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INDUSTRY CHALLENGES

**Skilled Labour
Shortages**

**Security &
Cybersecurity
Requirement**

**Aging
Infrastructure**

**Supply Chain
Resilience**

**Safety &
Environmental
Pressures**

**Adopting Digital
Solutions**

INDUSTRY OPPORTUNITIES

**Surge in Retrofit
and Newbuild
Demand**

**Automation &
Digitalisation in
the Shipyard**

**Green
Shipbuilding
Technologies**

**Autonomous Ship
Operation**

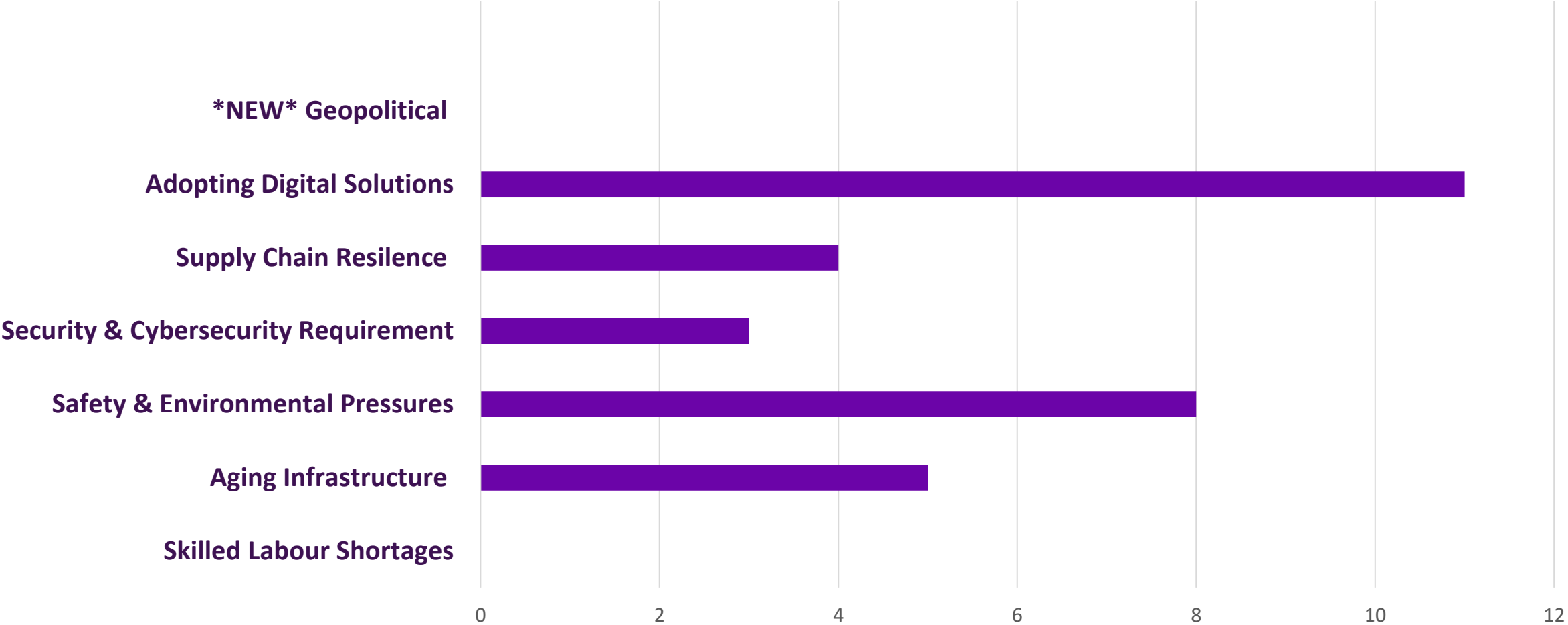
**Additive
Manufacturing**

Smart Notation

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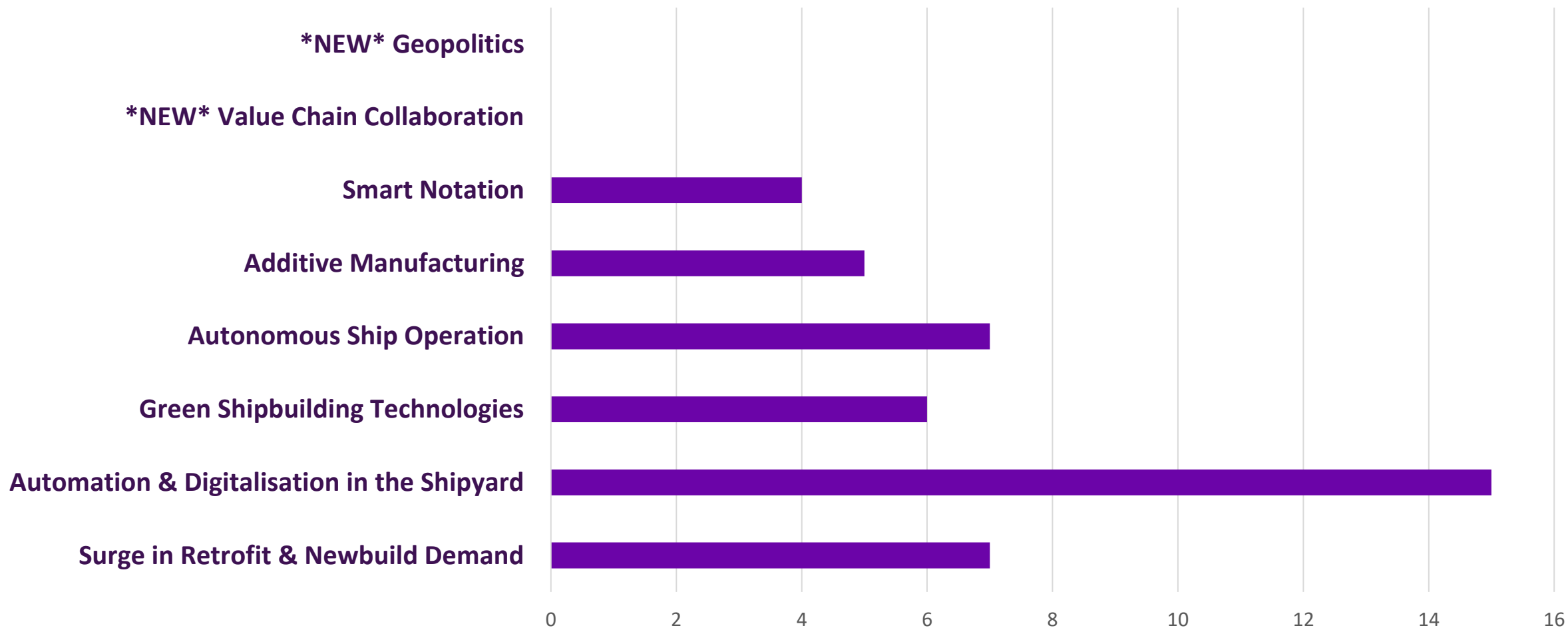
What are your main challenges?

Collective insights from the working group



What are your main opportunities?

Collective insights from the working group



AVEVA Bringing Digital Continuity to Maritime Operations

SHIP DESIGN



- Concept & Requirements
- 3D Modeling & Simulation
- Engineering & Integration
- Validation & Optimization

SHIP BUILD



- Planning & Scheduling
- Manufacturing & Assembly
- Quality & Compliance
- Progress & Delivery

SHIP OPERATIONS



- Real-time Monitoring
- Predictive Analytics
- Performance Optimization
- Remote Collaboration



Powered by
Industrial
AI



SHIP DESIGN



Unified Engineering
platform for collaborative
vessel design and digital
ship model

SHIP BUILD



Digital Shipyard
enabling BOM-driven
production, logistics,
and automation

SHIP OPERATIONS



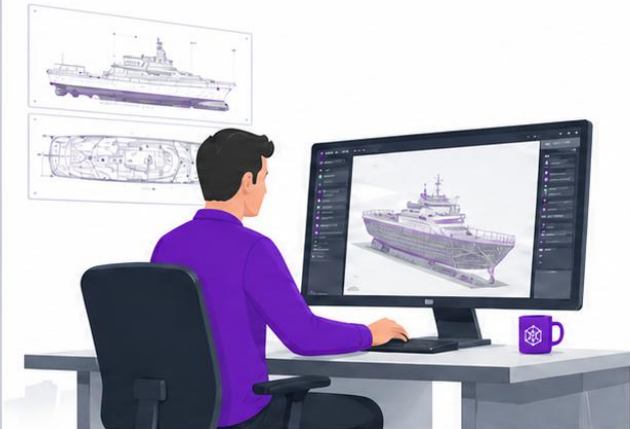
Operational Data Centre
capturing and remote
monitoring for
performance optimisation



Powered by
Industrial
AI



SHIP DESIGN



30%

Increased Design
Efficiency

SHIP BUILD



25%

Reduction in assembly
time

SHIP OPERATIONS



29%

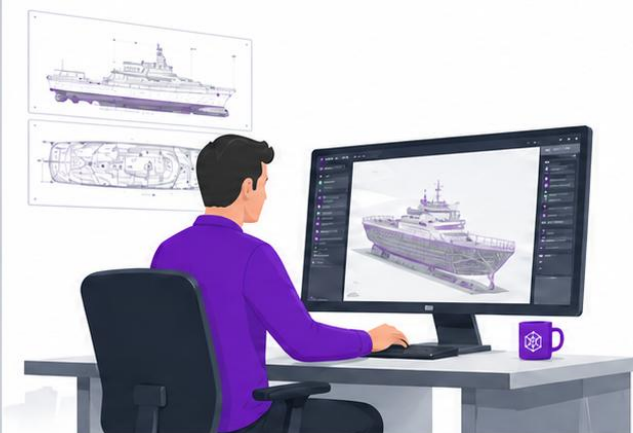
Reduction in Carbon
Intensity



Powered by
Industrial
AI



SHIP DESIGN



- Concept & Requirements
- 3D Modeling & Simulation
- Engineering & Integration
- Validation & Optimization

SHIP BUILD



- Planning & Scheduling
- Manufacturing & Assembly
- Quality & Compliance
- Progress & Delivery

SHIP OPERATIONS



- Real-time Monitoring
- Predictive Analytics
- Performance Optimization
- Remote Collaboration

- Single Source of Truth
- Data & Process Integration
- Change & Configuration Management



- Traceability & Auditability
- Collaboration Across Disciplines
- Insights & Continuous Improvement

AVEVA's Mission & Vision

Transform how marine and offshore vessels are **designed, built, and operated** through software that **drives productivity** and responsible use of the world's resources

Better collaboration
and efficiency between
teams

Step change increase
in productivity

Empowering workforce
with increased
visibility

SHIP DESIGN



SHIP BUILD



SHIP OPERATIONS



Envisioning the next generation digital marine platform

Design collaboration

Change management across the lifecycle

Digital Twins, Models, Simulation(s) and the threads that bind them

Digital Manufacturing, Automation and AI

Digital Workflows

Digital Handover and Operation Integration

Collaboration across value chains



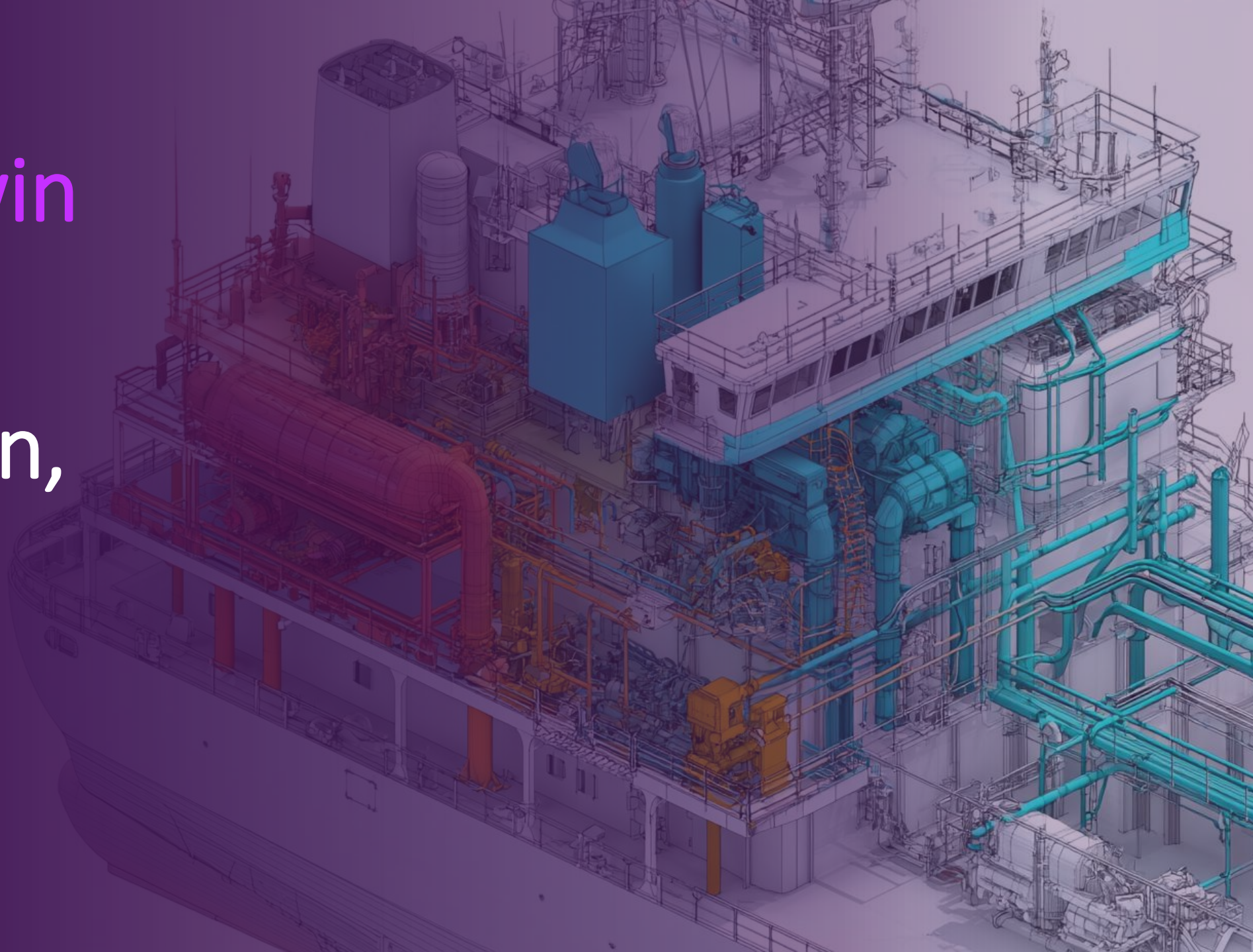
Design Collaboration

A person with glasses is seen from the side, working at a desk with multiple computer monitors. The central monitor displays a detailed 3D wireframe model of a large cargo ship. To the left, another monitor shows architectural floor plans. To the right, a third monitor displays a 3D model of a building or industrial structure. The scene is dimly lit, with the primary light source being the screens themselves, creating a professional and technical atmosphere.

Change Management Across the Lifecycle

Digital Twin Models, Simulation,

*and the threads
that bind them*



An aerial photograph of a large industrial shipyard, likely a naval shipbuilding facility. The image shows a massive white hull of a ship under construction, with various yellow cranes and industrial equipment visible. The scene is overlaid with a semi-transparent purple filter. The text "Digital Manufacturing, Automation & AI" is prominently displayed in white at the bottom left.

Digital Manufacturing, Automation & AI

A large shipyard with a ship under construction. The ship's hull is visible, and it is surrounded by complex industrial structures, including cranes and scaffolding. A digital wireframe grid is overlaid on the ship and the surrounding area, suggesting a digital workflow or simulation. The scene is illuminated with a cool blue light, and the overall atmosphere is industrial and technological.

Digital Workflows



Digital Handover & Operation Integration



Collaboration Across Value Chains

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visibility

SHIP DESIGN



SHIP BUILD



SHIP OPERATIONS



Discover more at our upcoming events

Scan to **register**
interest

AVEVA Marine Users Group, *Malmö, 18-19 Nov 2026*

- Official launch of Next Generation Marine Design Platform
- Customer talks, roadmaps, technical deep-dives, labs and much more...



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Q&A

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com