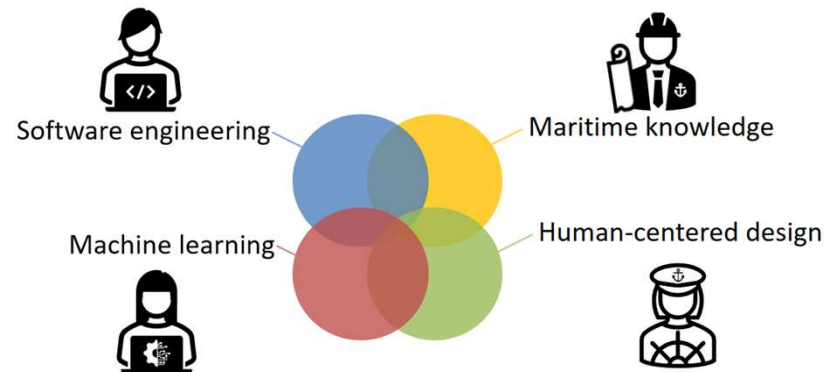




International AI innovation Lab - Offshore

Patrick Schrijvers & Bart Mak

- AI is progressing fast from *Discovery* to *Development*
- Potential for use-case specific AI
 - Improve existing solutions
 - New possibilities
 - Necessity for human centric AI



MARIN is experimenting with AI

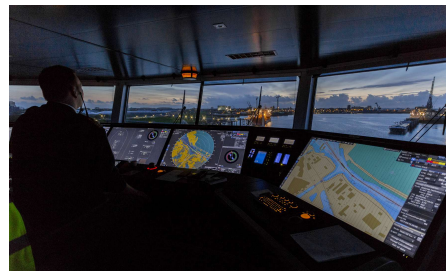
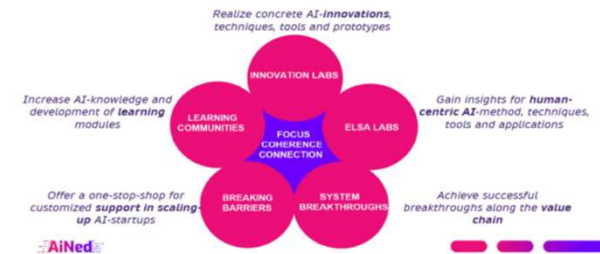


AI Coalition for the Netherlands



- Maritime AI innovation lab for Dutch industry
 - Use-case driven, developing prototypes
 - Progressing together from TRL3 -> TRL6
- We now launch the international collaboration

Coherence of the AiNed program



Set-up of the JIP

Maritime partners

Providing use cases and data
Validate developed modules
Domain-specific knowledge

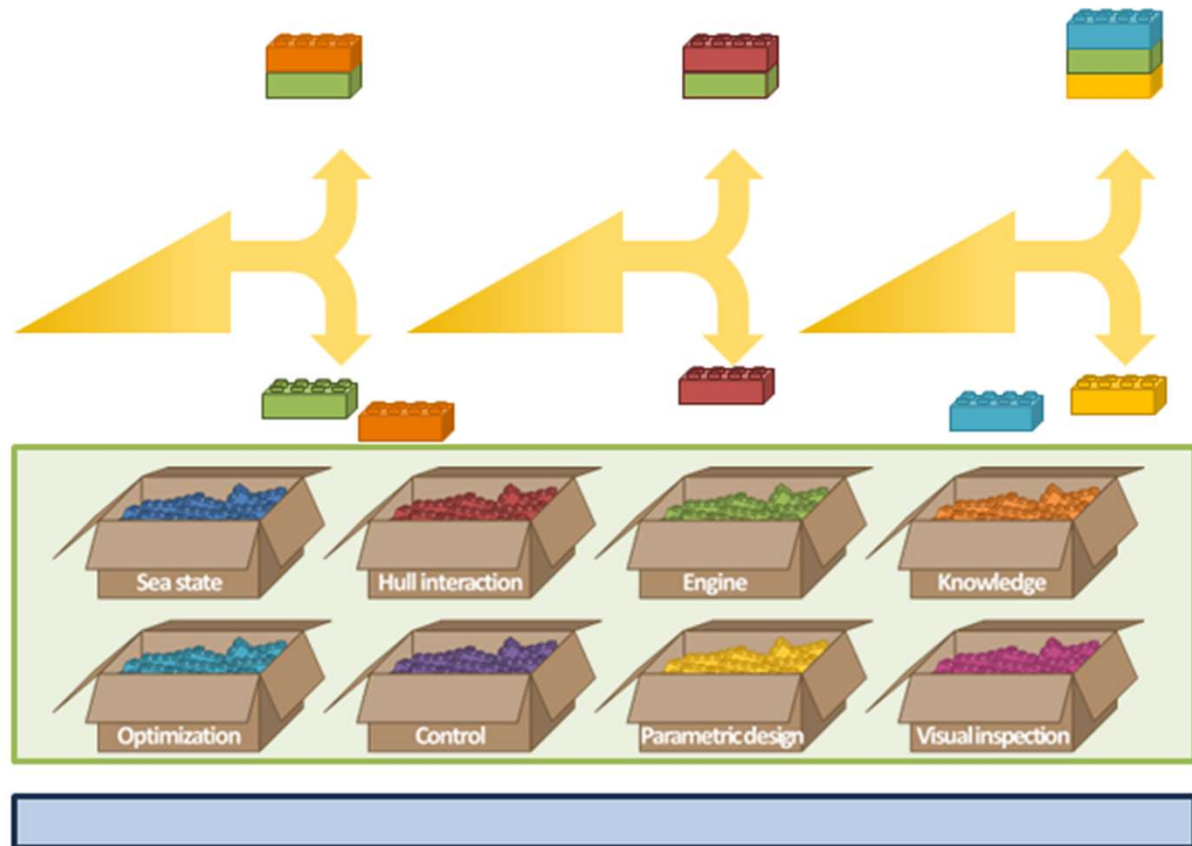
Tracks

Collaboration between
knowledge/tech partners and
maritime industry
Setting requirements, integration

Knowledge/tech

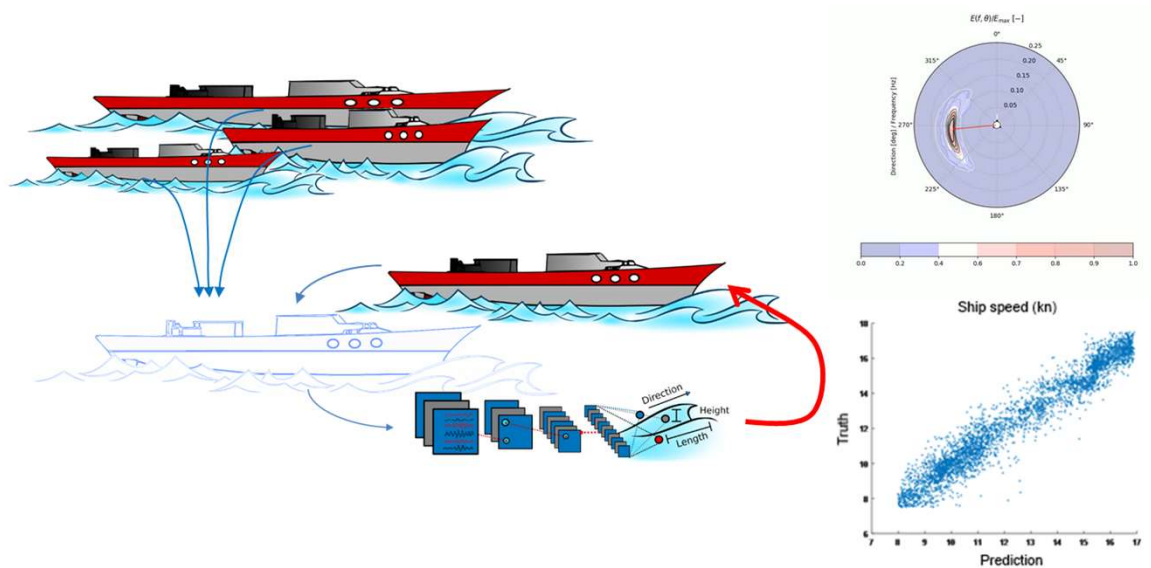
Developing and maintaining
technological modules
Ensuring compatibility of modules
AI-specific knowledge

Lab management

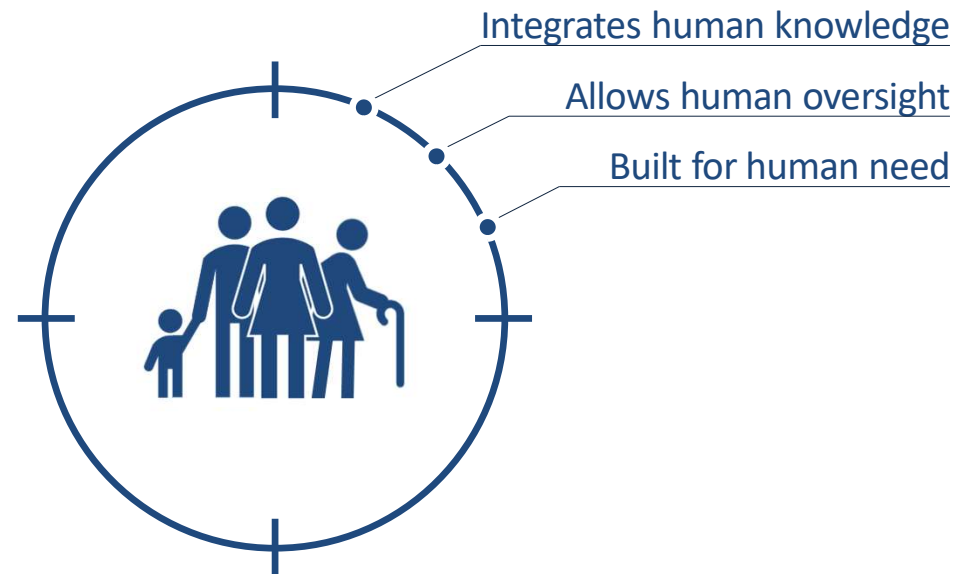


Use cases

- From idea to prototype in 1 – 2.5 year
- Develop re-usable modules
- Federated learning / federated data
 - You decide who has access to which parts of your data
- Combination of *real* data and synthetic data to fill the gaps



- Transparency
 - Step away from Black-box
 - Enable users to comprehend rationale
- Explainability
 - Increase trust
 - Interact with AI systems more effectively



Reach out when you are
interested, have ideas for use-
cases or want to know more

dr. ir. Patrick Schrijvers

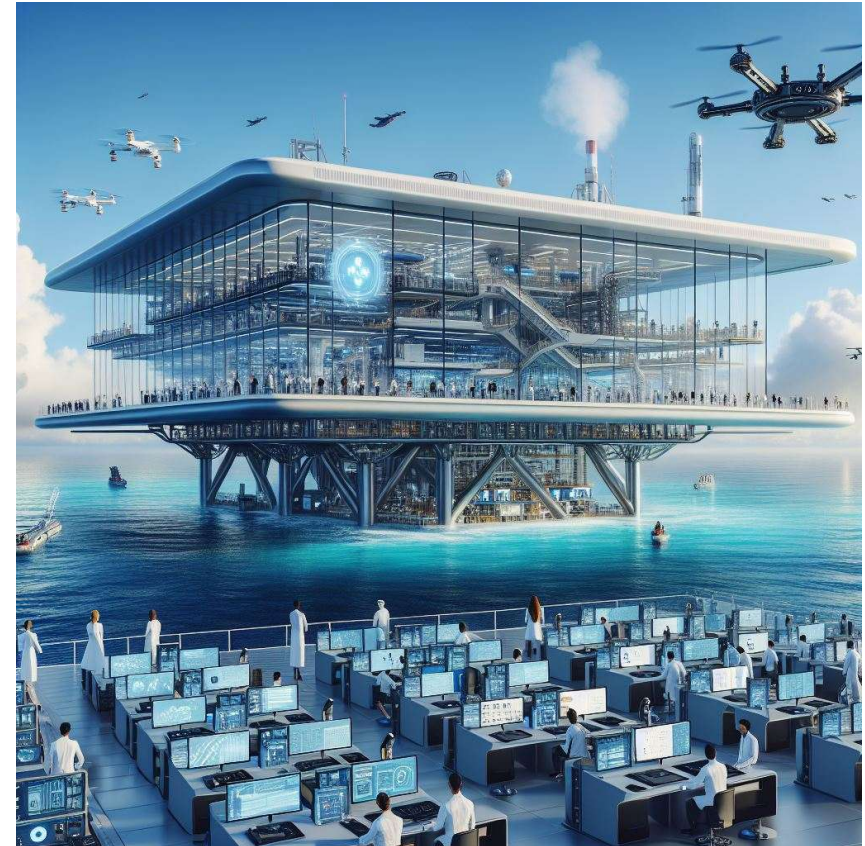
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International AI innovation Lab

Co-Pilot

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