Energy Cork Conference

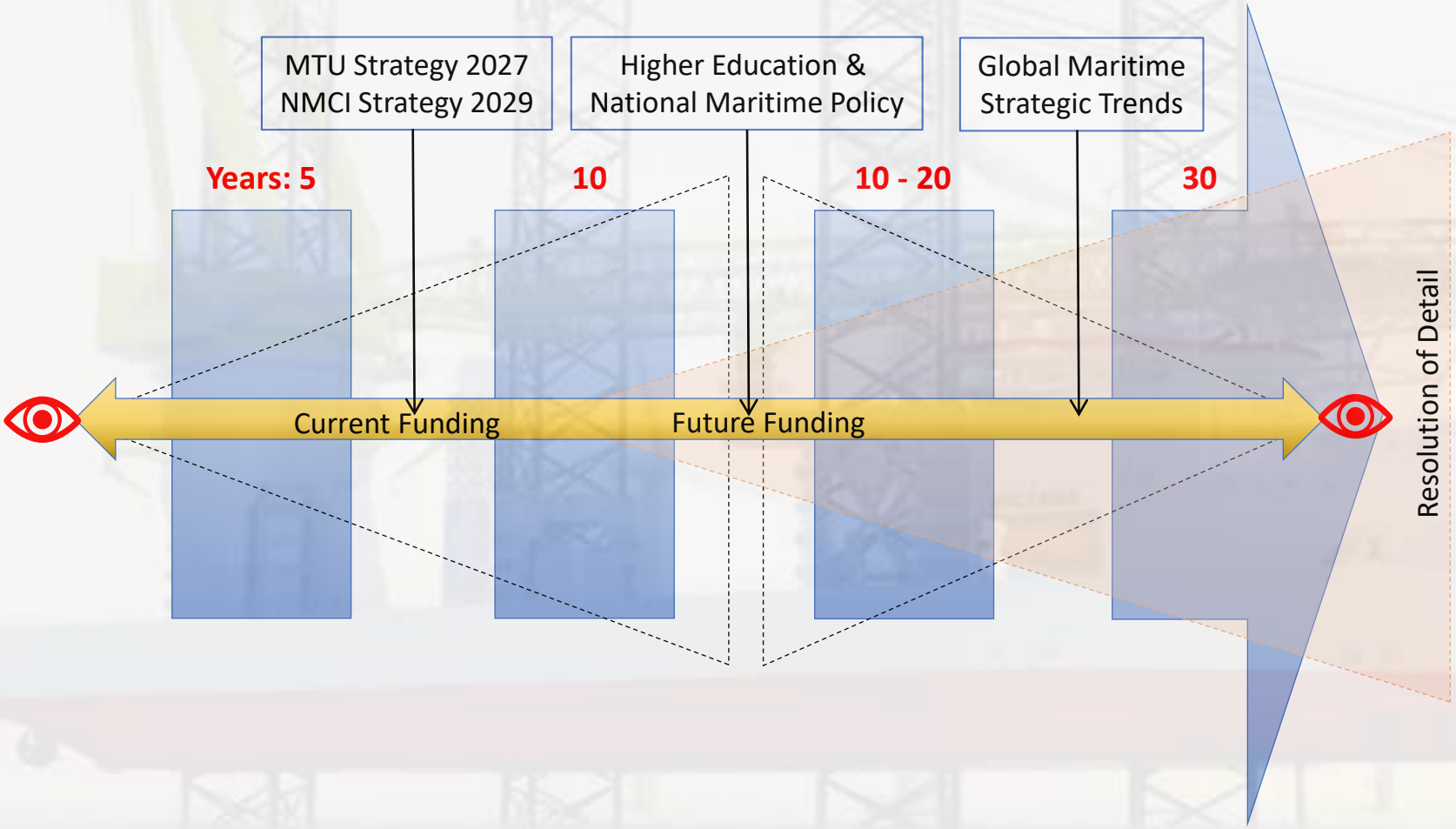
Friday 08th March 2024

National Maritime College of Ireland

Co. Cork.

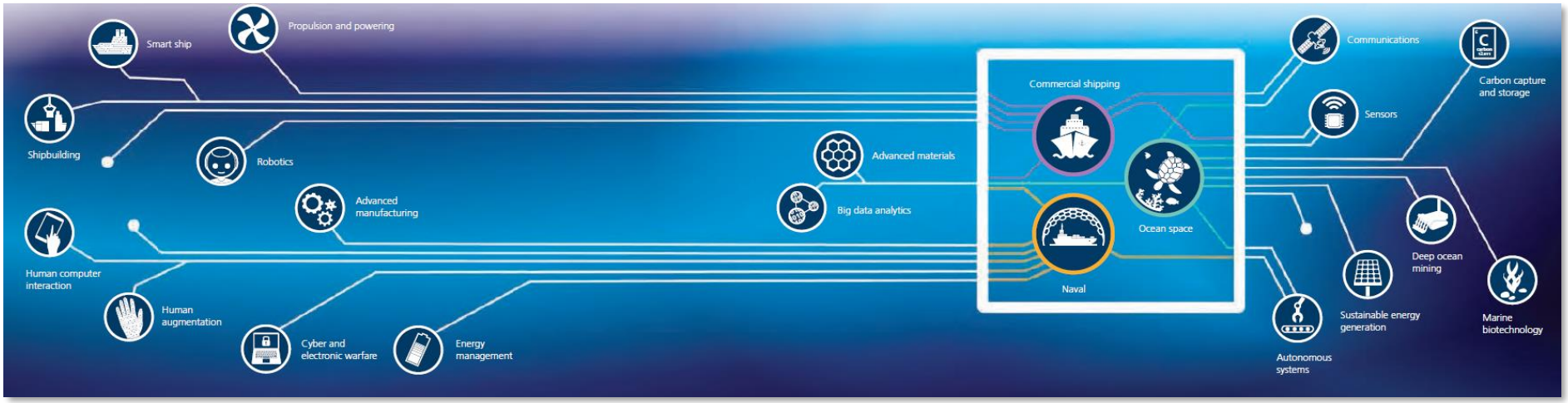
Our Purpose

NMCI
National Maritime College of Ireland
Coláiste Náisiúnta Mara na hÉireann

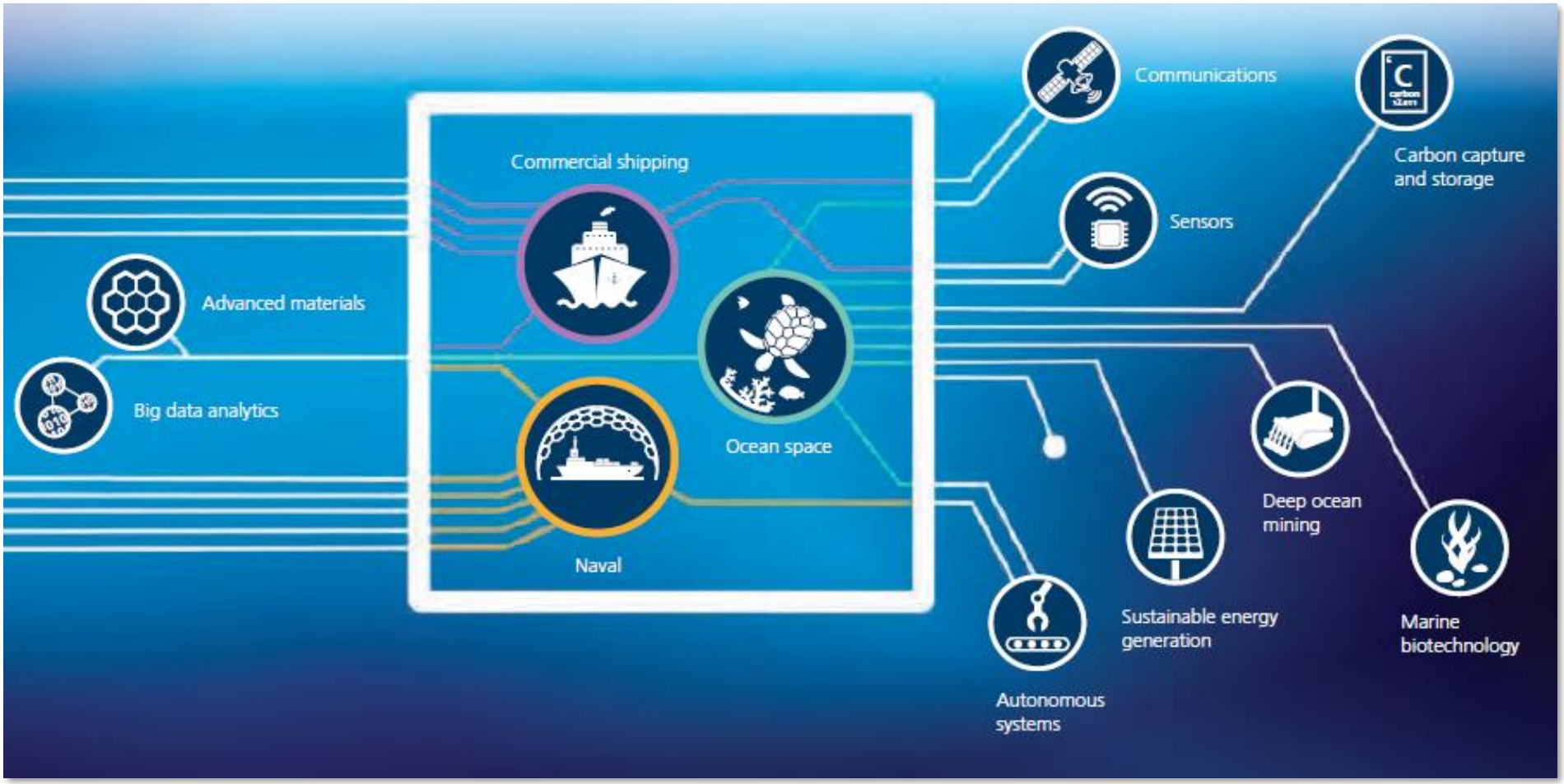


Looking backwards… from the Future…

Relationship between technologies



Relationship between technologies



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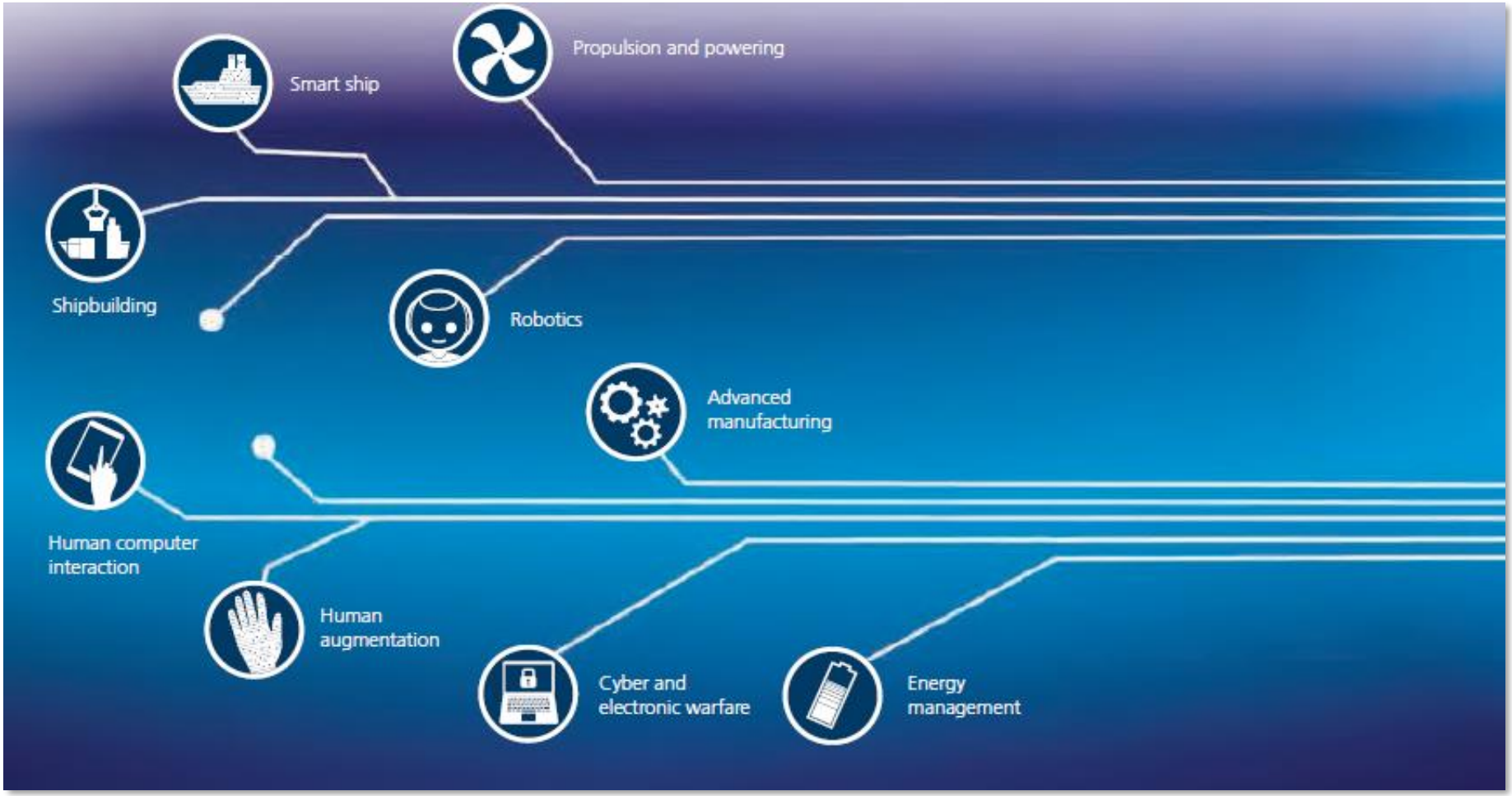
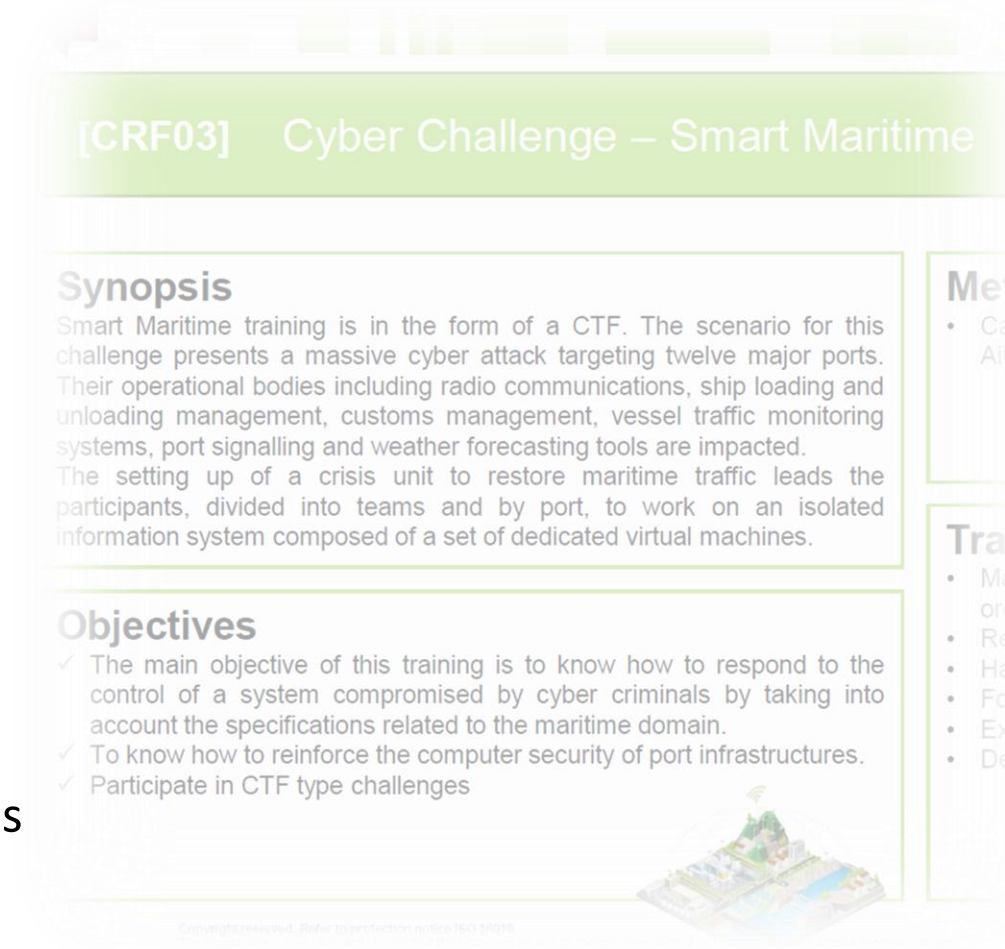


Strategic Objectives

- Programme development
  - Mapping career/learning paths
  - High Performing Learning Culture
  - “On-boarding to Off-boarding”
- Building capacity
  - Sea blindness - National Culture
  - Internationally accredited
  - National footprint
  - Simulation – AR/VR/AI
- Create a new narrative
  - Enhance engagement
  - Sustainable development

Programme Development

- Future Offering
  - Level 8
  - Level 9
  - Level 10
- National Apprenticeships
  - Dual discipline
- Potential Disciplines
  - ORE
  - Maritime Cyber Security (IOT)
  - Maritime Business Course
  - Robotics / Autonomous Vessels
  - Data analytics
  - Maritime Security



Example

Level 9 – Postgraduate Certificate
Smart Sustainable Power Engineering

- HCI- Pillar 1 Funding – Blended delivery (7 days/semester)
- Train power engineers to design, operate, test and maintain the developing smart grid
- Theory and application of new technologies in power systems.
- Future power network challenges and innovative digital solutions.
- Practical activities using state-of-the-art power and automation and networking laboratories
- Oversubscribed >45 applicants for 20 places

National Asset

- Shared Resource
- National Economy
- Strategic Outreach
- International partners
- Return on Investment

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