



Maritime Digital Hub

Simplifying digital transformation



# THE MARITIME SECTOR

- The UK Maritime Sector facilitates **95%** of all UK trade and is **larger** than both the automotive and aerospace transport industries.
- The Maritime Sector supported a total of **£46.1 billion** to the UK Economy.
- Maritime directly supports **220,100** jobs in the UK. This means that the total employment impact of the Maritime Sector was **1.07 million** jobs.
- The estimated Technology related spend in the UK for this sector is around **£4bn+**
- Through the [Maritime 2050 Agenda](#), the Maritime sector is now laser focused on solving the challenges associated with sustainability, competition and efficiency through technology.

“Digital Technologies – Increasingly the backbone of the shipbuilding and operating market as owners look to create efficiencies, reduce costs and increase their cyber-security. The UK shipping technology sector is now a £4 billion industry, estimated to be worth £13 billion per year by 2030.”



# DIGITAL TECHNOLOGY TRANSFORMATION IS KEY TO THE FUTURE OF MARITIME



■ “Data analytics, digitalisation, and automation The utilisation of artificial intelligence, machine learning, automation, digital twins, and virtual and augmented reality will radically enhance the maritime working environment. Automation will allow for a more effective throughput of goods, **presenting opportunities** to ports, the wider supply chain and the end user, to generate **greater revenues** and/or achieve cost savings. **Big data** should increase the **quality and accuracy of information in real time** across the sector, from shipping and offshore energy, to ports and the wider supply chain – **enhancing communication, reliability and transparency**”

■ Source: Maritime 2050 – Navigating the Future by DIT  
<https://www.gov.uk/government/publications/maritime-2050-navigating-the-future>



## WE ARE SIMPLIFYING DIGITAL TRANSFORMATION TOGETHER

- The Maritime Digital Hub (Maritime.digital) is a not for profit organisation focused on bridging the gap between the technology and maritime industries to simplify and accelerate digital adoption and transformation.
- Led by experts from the technology sector and in partnership with the largest UK maritime cluster organisation – Mersey Maritime, we are focused on providing thought leadership, guidance and simplification of technology to assist in driving value from digital transformation.
- Our thought leadership community will be focused on the transformational areas detailed in the maritime2050 agenda to provide valuable information for the industry and their supporting partners.
- The programme will build a community through workshops, events and digital awareness with a focus on creating mutually beneficial partnerships that deliver a faster time to value, and help maintain our position as a global maritime leader.





## 5 COMPONENTS OF TECHNOLOGY TRANSFORMATION AND INDUSTRY 4.0



CONNECTED



SMART



AUTOMATED



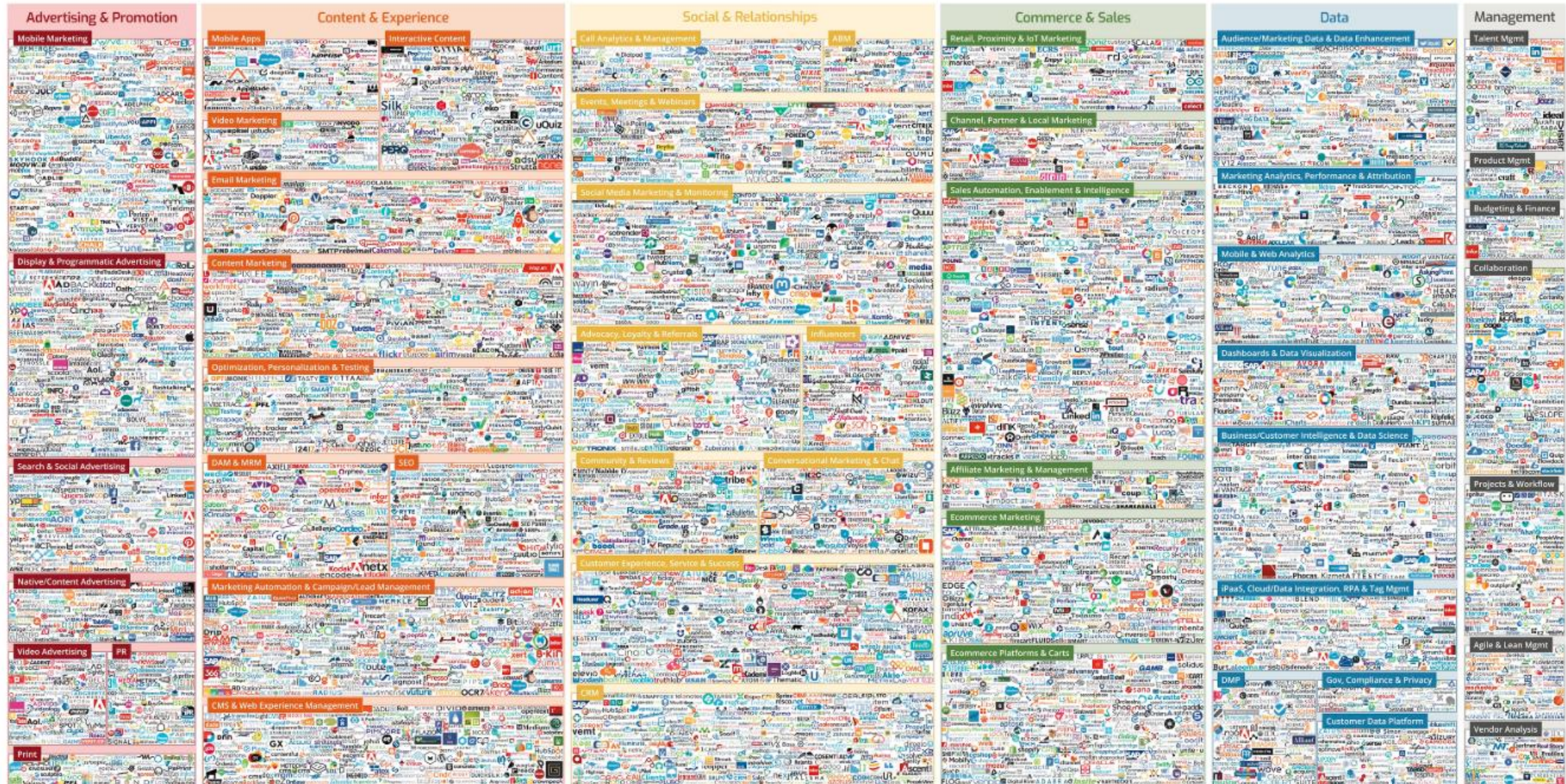
SECURE



SUSTAINABLE

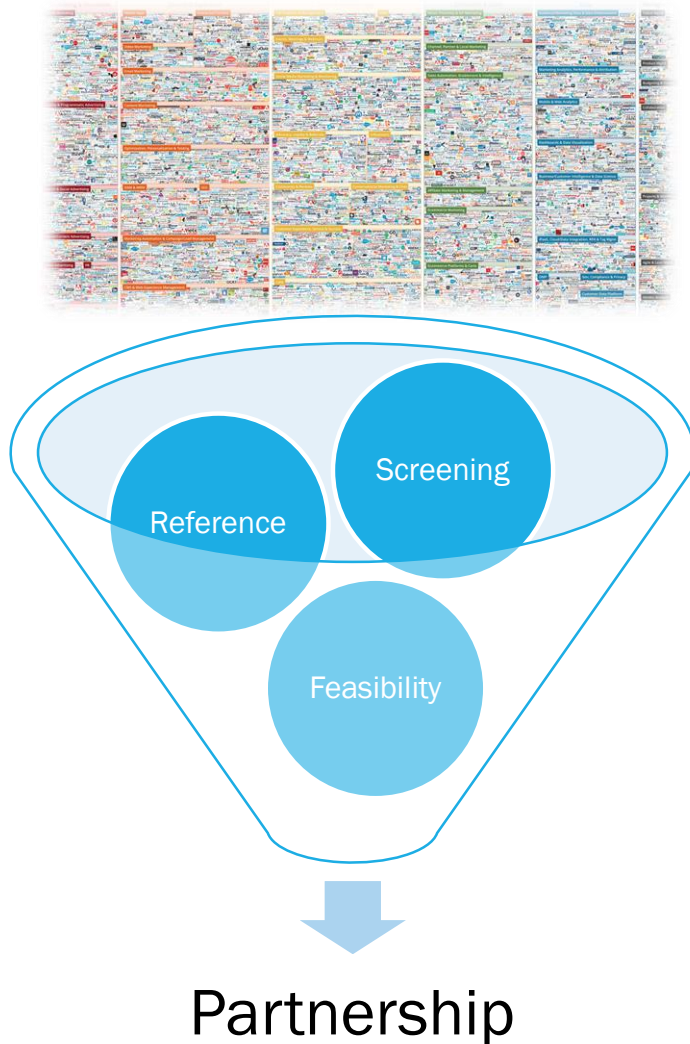


# OVER 1 MILLION TECHNOLOGY PARTNERS TO CHOOSE FROM





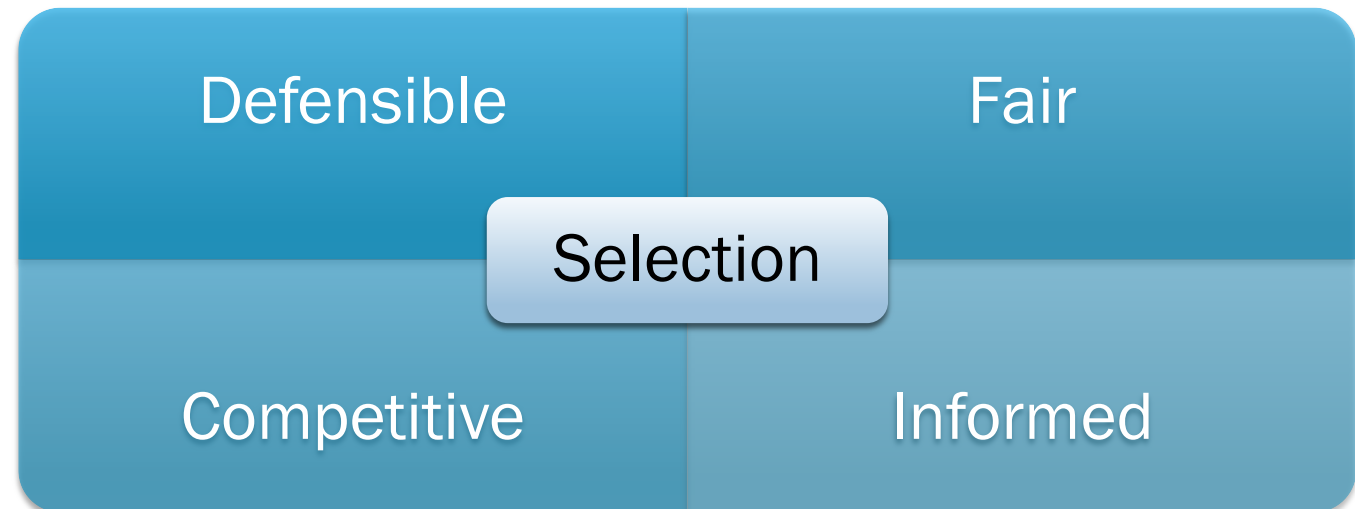
## THE MARITIME DIGITAL HUB WILL SIMPLIFY THIS



### Approach and Focus:

We only seek targeted information from each partner that facilitates side by side comparison and alignment with the needs of the maritime community.

This allows us to conform to our values that we will provide a source of information that is consensus driven, informed, competitive, fair and defensible.





## DIGITAL. CLEAN. SAFE.

Maritime Digital Hub Focus:

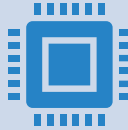
Connected Solutions

Smart Solutions

Business Process Solutions

Security Solutions

Sustainable Solutions



To deliver on the ambitions and aspirations of the industry, there is a relentless focus on using technology to be more digital, clean and safe.



As the industry looks for ways to provide a path to this future operating state, we will gather, sort, qualify and present relevant technology solutions that provide faster time to value.



Digital transformation requires many interconnecting solutions and through this collaboration we can offer an ecosystem of trusted partnerships.



# ACTIVITIES

A yearly programme of events, and communication will be available to all our members focused on the industry priorities.

- Monthly face to face networking events.
- Quarterly Technology focused Executive Round Tables.
- Bi Yearly Industry Events.
- Thought leadership groups.
- Ezine and Monthly Publications.
- Editorials with major maritime publications including – Raconteur, Lloyds Register.
- Online digital forums and networking groups.



<https://maritime.digital/>





## OUR REGIONAL DEVELOPMENT PARTNERSHIPS



<https://liverpoollep.org/>



Driving prosperity in the M3 corridor

<https://enterprisem3.org.uk/>



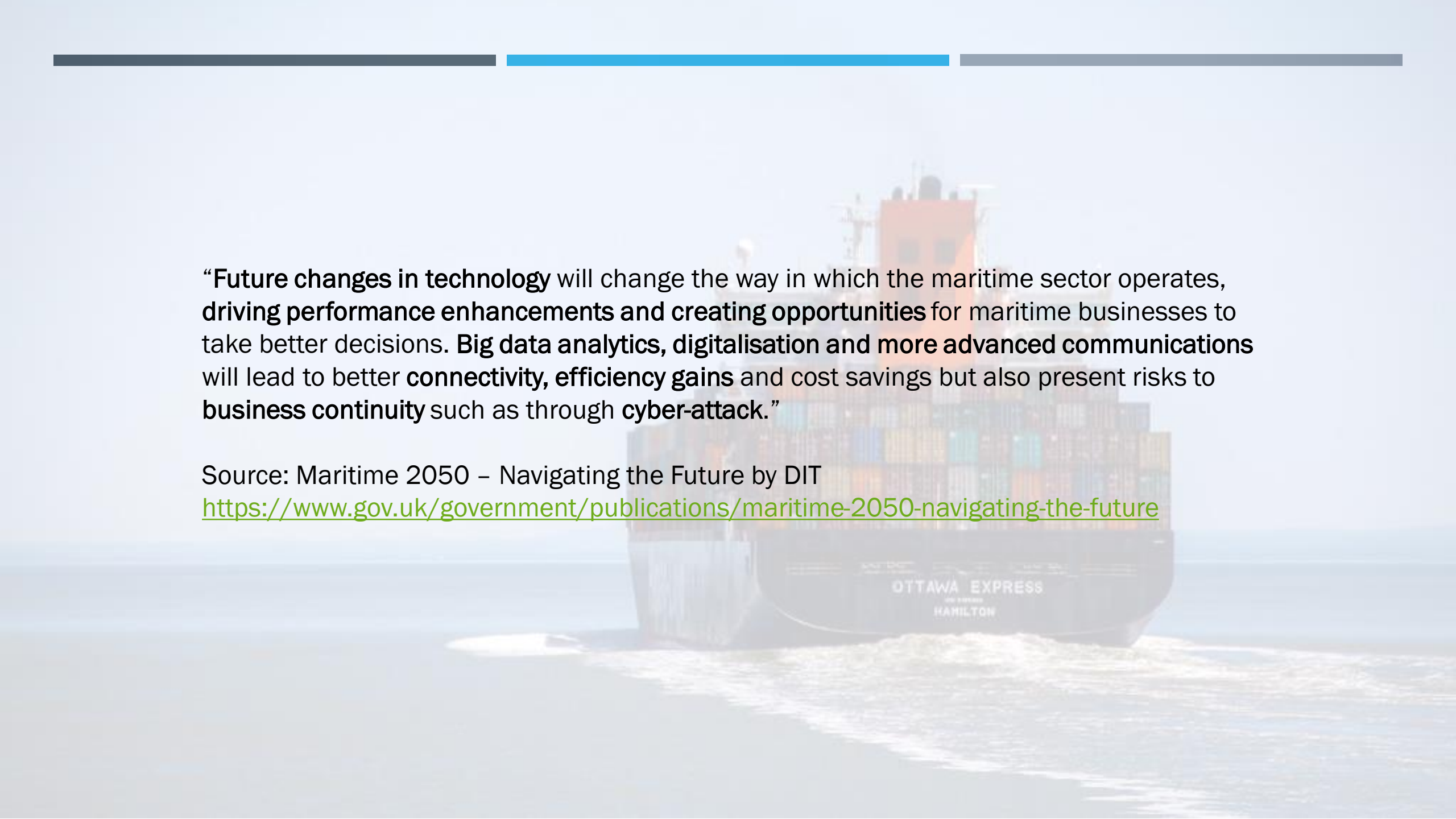
<https://aerospacecornwall.co.uk/>

The LCR area includes a population of 1.5 million people, 43,500 businesses, £28.3BN Region Economy.

The EM3 LEP area includes a population of 1.52 million people, 89,700 businesses, 2 county councils and 14 district authorities generating £49 billion GVA for the UK economy.

The Aerospace Cornwall programme is led by Cornwall Development Company, and delivered in partnership with the West of England Aerospace Forum (WEAF). Cornwall's tech capability is on the climb, with nearly 2400 jobs in digital tech and digital tech turnover up by 32% from 2014 to 2017\*.





**“Future changes in technology** will change the way in which the maritime sector operates, **driving performance enhancements and creating opportunities** for maritime businesses to take better decisions. **Big data analytics, digitalisation and more advanced communications** will lead to better **connectivity, efficiency gains** and cost savings but also present risks to **business continuity** such as through **cyber-attack.**”

Source: Maritime 2050 – Navigating the Future by DIT

<https://www.gov.uk/government/publications/maritime-2050-navigating-the-future>



**THANK YOU FOR YOUR TIME**  
**[WWW.MARITIME.DIGITAL](http://WWW.MARITIME.DIGITAL)**



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