

London Tech Bridge

Building an Innovation Network

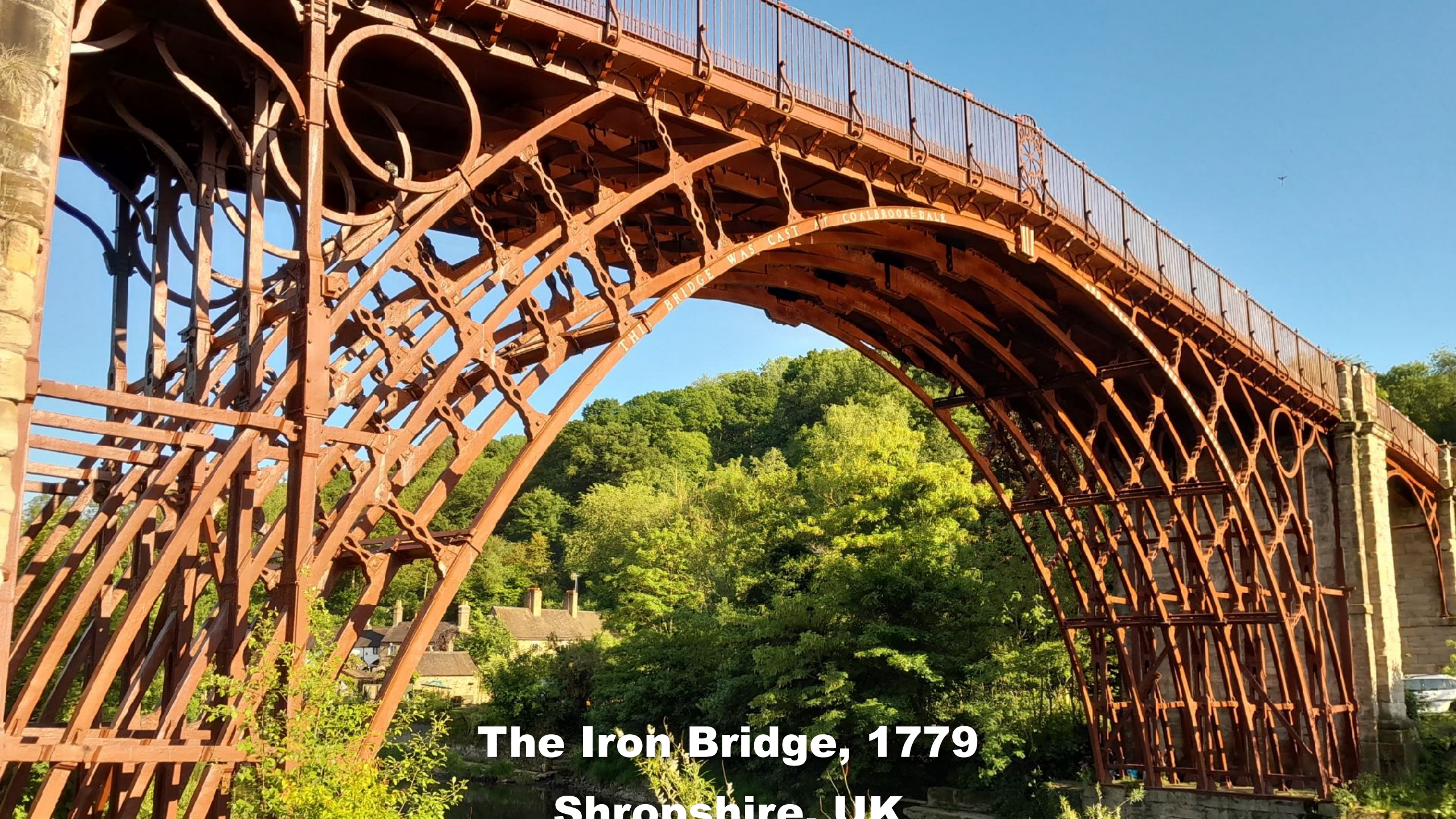


NAVAL X

Jeffrey Brewer, US Navy
Cdr Dan Weil, Royal Navy
Co-directors, London Tech Bridge



Tower Bridge, 1894
London



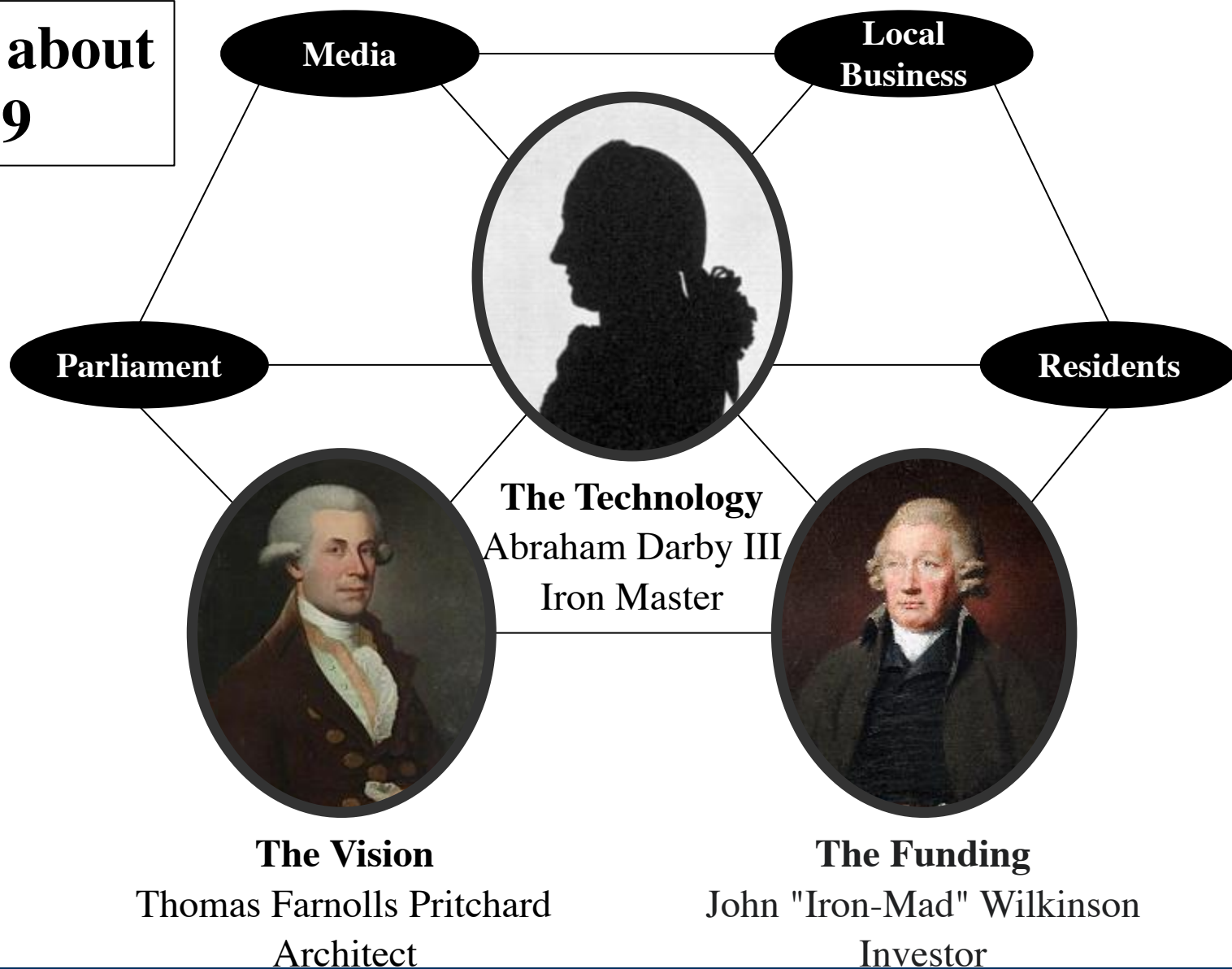
The Iron Bridge, 1779

Shropshire, UK

Innovation isn't just about Technology, 1779

The Problem:

Bridges are not lasting due to floods and unstable banks on the River Severn. Ferries did not offer the throughput required. A lasting solution was required to enable both river and road traffic through the gorge.



Innovation isn't just about Technology, 1779

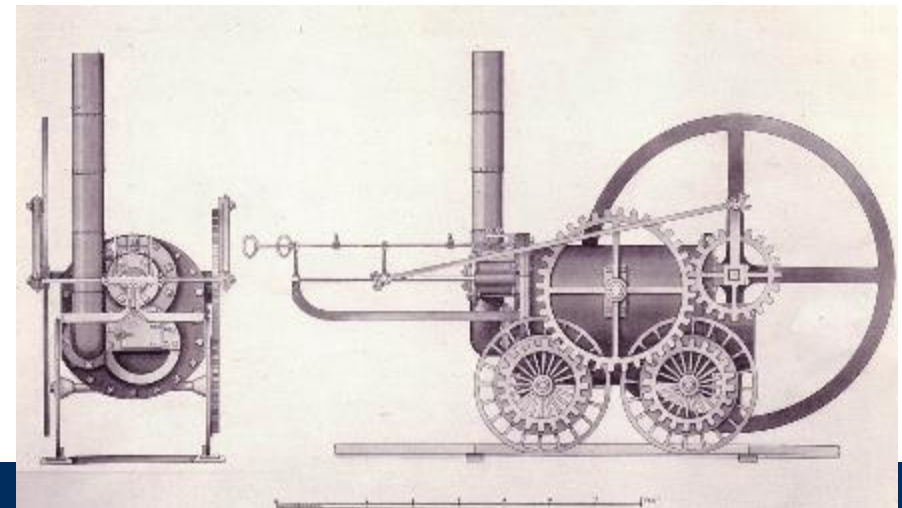


The Solution:

- The World's first Iron Bridge
- Made possible by mass-produced cast iron, using coke to smelt at scale
- Took vehicle traffic until 1934 (155 years)

The Legacy:

- Proved smelting iron at scale was feasible
- Largely recognized as the start of the industrial revolution
- Coalbrookdale Company goes on to build the world's first locomotive, designed by Richard Trevithick





Innovation isn't just about Technology, 2024



Media



Naval Programme

Finance

Defence Primes

Government



Technology

Trade Groups



User

Regulatory Bodies

The London Tech Bridge is the Network, uniting disparate groups to deliver innovation and technology to sailors & marines.

London Tech Bridge

- A US Navy / Royal Navy collaboration to foster connectivity, agility, and innovation.
- Supports dialogue, joint investment, and cooperative development (Interoperability to Interchangeability).
- Accessing London's booming technology ecosystem spanning academia, industry, and government.
- Harnesses technology faster for Sailors and Marines.



“Tinder for Tech” in the UK





What is a Tech Bridge?



Great space in town –
the Navy’s “store front”



Connect to existing programs for requirements,
funding paths, and user feedback



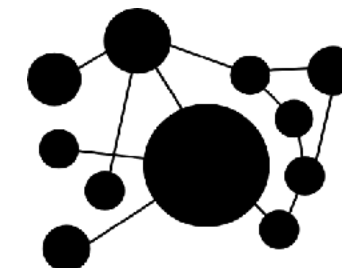
TECH BRIDGE

POWERED BY NAVALX

**A platform for greater collaboration with
traditional and non-traditional partners**



Facilitate collaboration with Navy
Laboratories, providing access to world-class
technologists and facilities



Create and strengthen partnerships with academia,
small business, startups, venture capital, non-profits,
and local organizations to accelerate innovation

The Tech Bridge Network consists of 17 Domestic and 2 Overseas Locations



Why a Tech Bridge in London?

“We will endeavor to evolve from Interoperability to Interchangeability (I2I) in order to keep pace and fight as a truly cohesive force.”

-US CNO, CMC, and UK First Sea Lord *Delivering Combined Seapower* Charter signed Oct 23

“The London Tech bridge will form a significant upgrade to the US/ UK maritime partnership and ... will allow us to advance from operating alongside our partners in an interoperable manner, to truly working with them in an interchangeable manner.”

-Second Sea Lord Vice-Admiral Nick Hine

The London Tech Bridge “emphasizes and builds on our unique partnership with the UK and Royal Navy and will better enable us to accelerate solutions to support our defense strategies.”

-James “Hondo” Geurts, ASN RDA

London Calling

London is the technology, business, and financial hub of the UK. It is the natural fit for the navies’ technology “store front.”

\$22.4B

VC Investment, 2022
Ranks 1st in Europe and
3rd worldwide behind SF
& Boston

32

New “Unicorns”
2018-2022
Startups valued at \$1B+

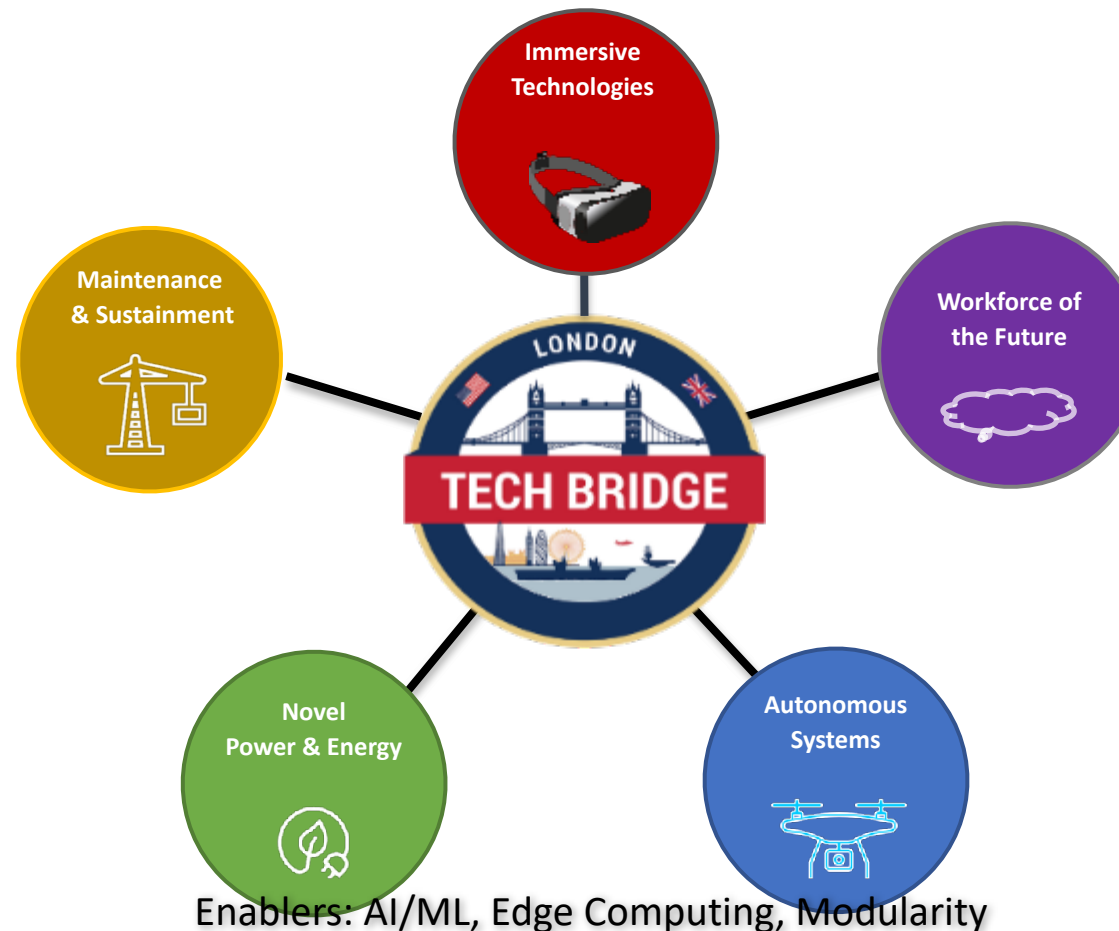
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International City for US
Tech Company Expansion
in 2022

LTB Technology Focus Areas

Informed by:

- Delivering Combined Seapower
- Maritime Operating Concept (MarOpC)
- US CNO's NAVPLAN
- USMC Force Design 2030
- RN S&T Priorities
- ONR's S&T Priorities



**Focus Areas are “guideposts” not doctrine.
We will focus on technologies that support stakeholder requirements.**



TEA & TECH

Expanding the Network

Outreach

Industry/Academia Engagement

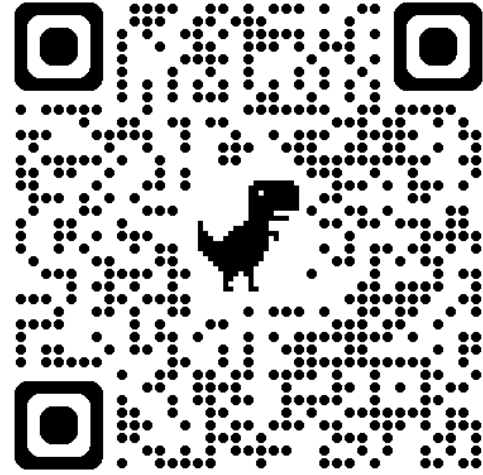


Inreach

Defense (DoD, MOD) Engagement



We continue to grow an ecosystem to connect naval requirements and funding to the right technologies



Join the London Tech Bridge Network

