

Blackpool

Blackpool makes it work



Blackpool's £2bn Growth and Prosperity Programme 2024

Nick Gerrard,
Growth & Prosperity Programme Director
Blackpool Council

£2bn Growth and Prosperity Programme

3 Strategic Objectives



1. Town Centre Regeneration
(Talbot Gateway)



1. Extending the Tourism Season
(Blackpool Central)



1. Jobs in Growth Sectors
(Blackpool Airport Enterprise Zone)



From vision to reality



Selling Blackpool at UK REiif



A digital vision



Blackpool

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**Blackpool
Airport
Enterprise
Zone**

Vision

“To make Blackpool Airport Enterprise Zone a premier business location in the North West”

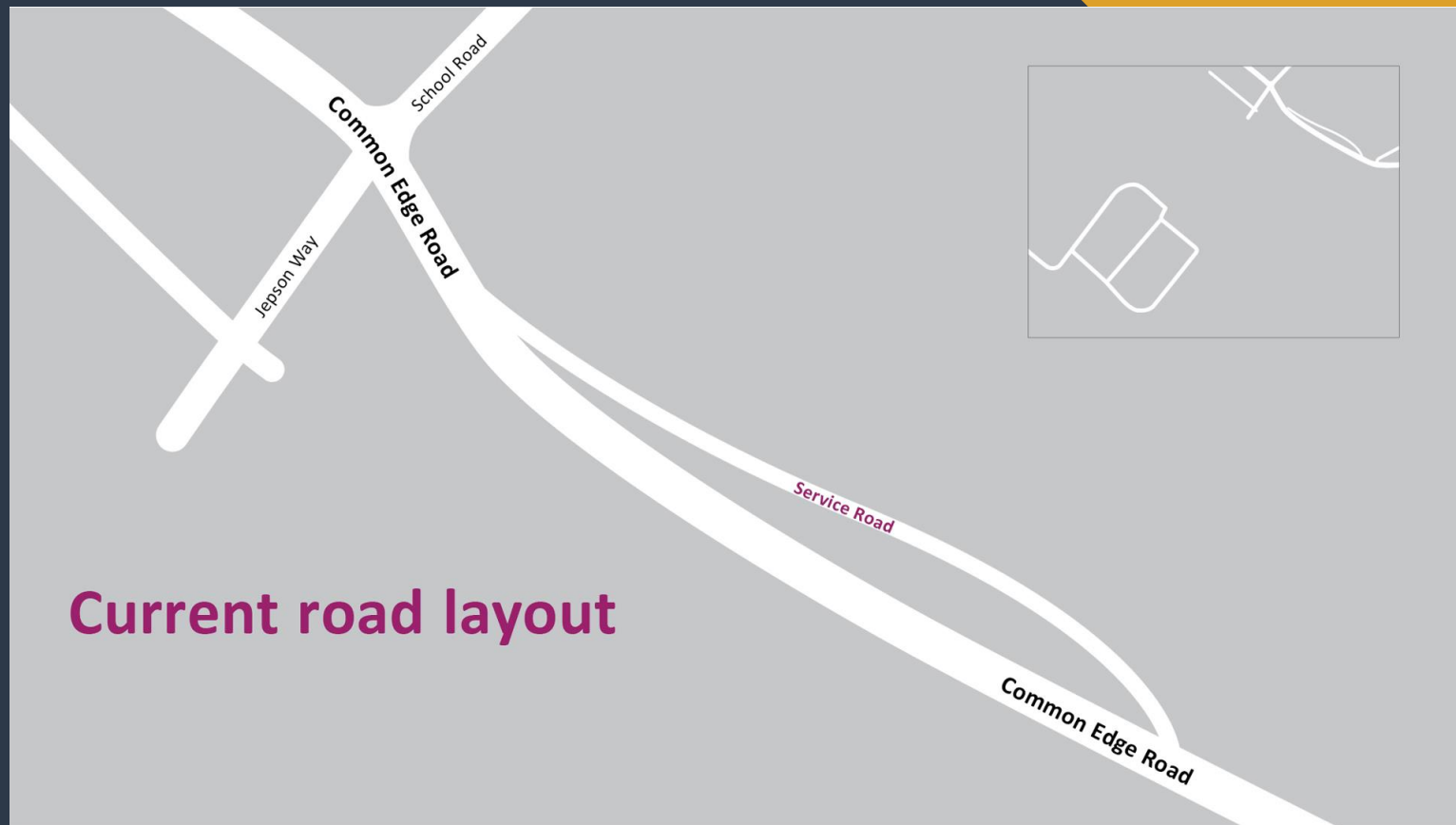
A skilled workforce

- ▶ 30,000 digital and tech professionals nearby
- ▶ 1,000 computing, engineering and technology graduates annually
- ▶ On the Lancashire Cyber Corridor, just 20 miles from UK's new National Cyber Force
- ▶ 17% savings on average labour costs
- ▶ A growing e-sports tourism industry

New road to release 10.5
hectares of land



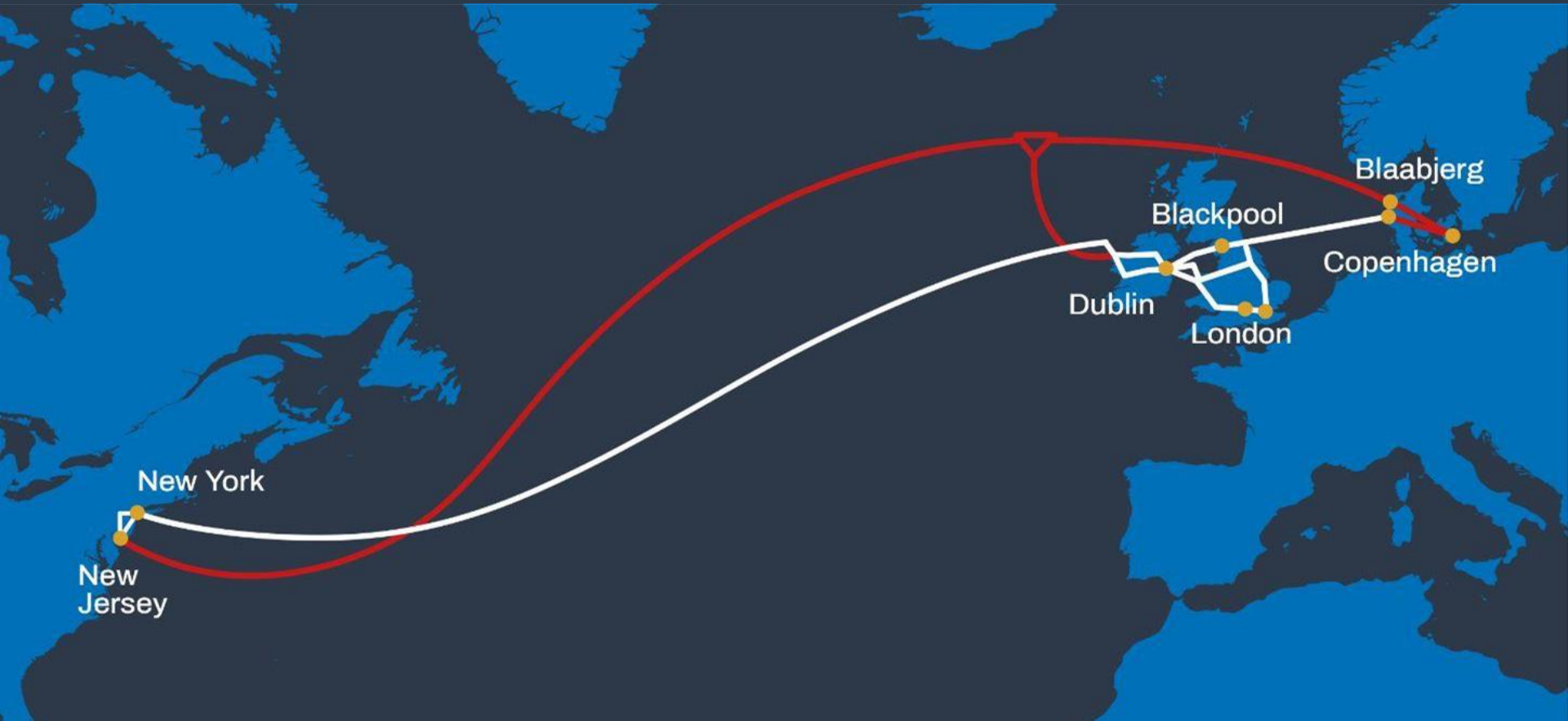
How we'll build the road



Eastern Gateway road

- ▶ £18m total investment
- ▶ Being constructed by George Cox & Sons
- ▶ Started with compound build at Jepson Way in April – 18 month contract
- ▶ Maintaining two-way traffic by building external running lanes
- ▶ New business units to follow – options for local businesses looking to grow

On the Celtix-Connect2 North Atlantic Loop



Silicon Sands



"The combination of the shortest, direct route to the USA, and the newest technological assets and engineering capabilities available on the market, makes this a significant 30+ year investment which could benefit Blackpool."

Andy Hudson,
Chief Network Officer, Aqua Comms

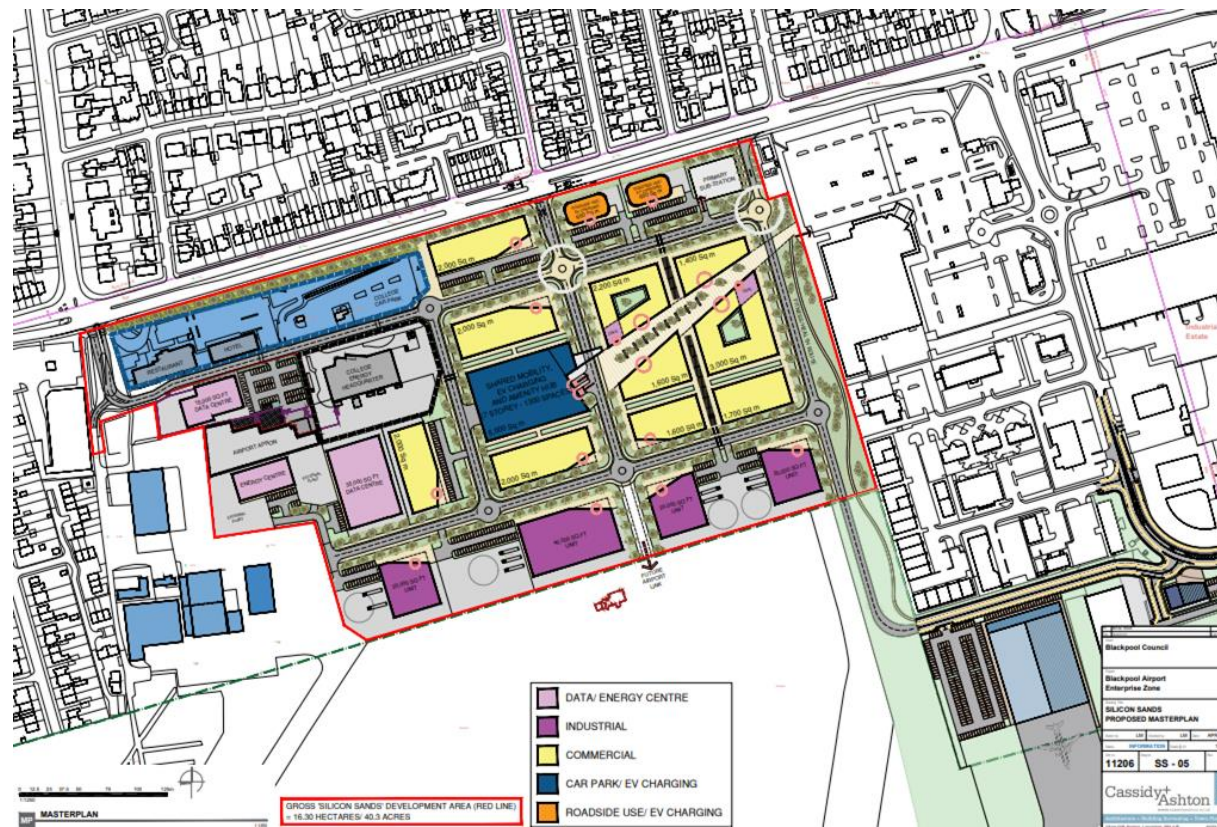


Silicon Sands

- ▶ A 40-acre brownfield site
- ▶ Blackpool Council delivering land assembly and infrastructure, including roads, power, cycle ways and landscaping
- ▶ Located next to Blackpool & Fylde College Energy HQ
- ▶ Development potential for Artificial Intelligence, Advanced Manufacturing, Telehealth, MedTech and gaming
- ▶ Access to Blackpool Airport



Silicon Sands development masterplan



Silicon Sands



Powered by nature



Meeting the sector's power demands

**1.5GW offshore
wind farm**

**Confirmed 32 MVA
primary substation**

**20MVA
solar farm**

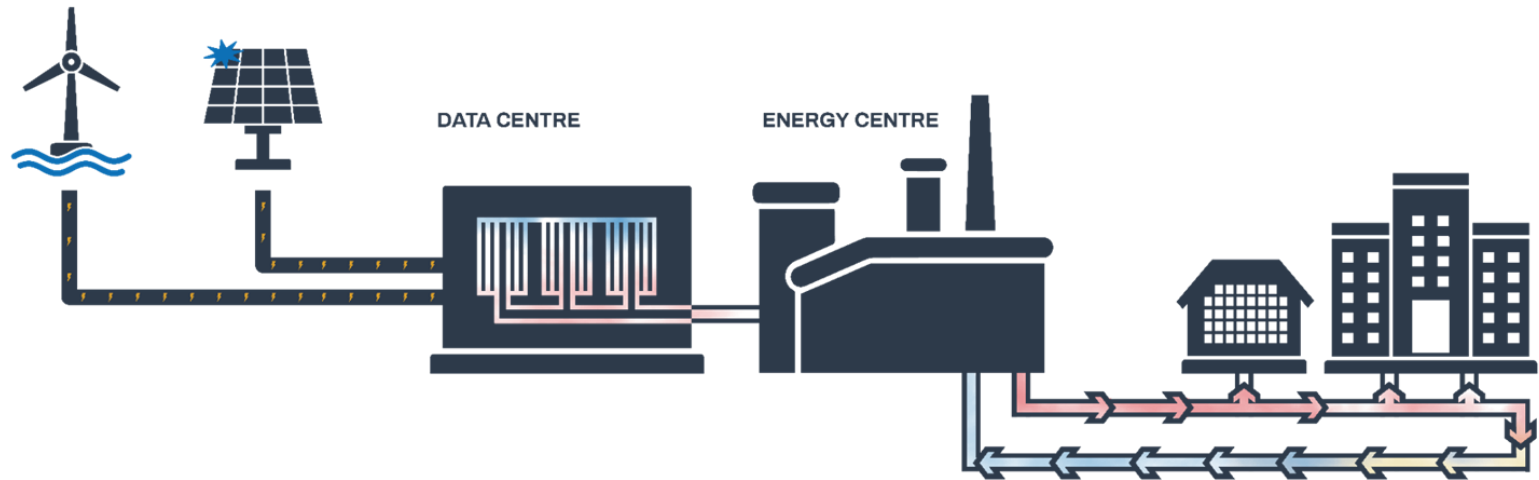


Cooled sustainably

- ▶ Liquid immersion cooling
- ▶ Supports high performance GPUs
- ▶ Reducing power consumption by up to 50%
- ▶ Improving efficiency and reducing plant requirement



Using energy twice



Meeting the sector's power demands

- ▶ Residual waste energy to form source for district heat network
- ▶ On-site energy transfer station
- ▶ Heating surrounding businesses and beyond
- ▶ Further improving CSR credentials

Proof of concept

- ▶ Powered by building's solar panels and wind turbines
- ▶ Working with Exuvi8 for immersion tank
- ▶ Excess heat powering CHP system to heat building



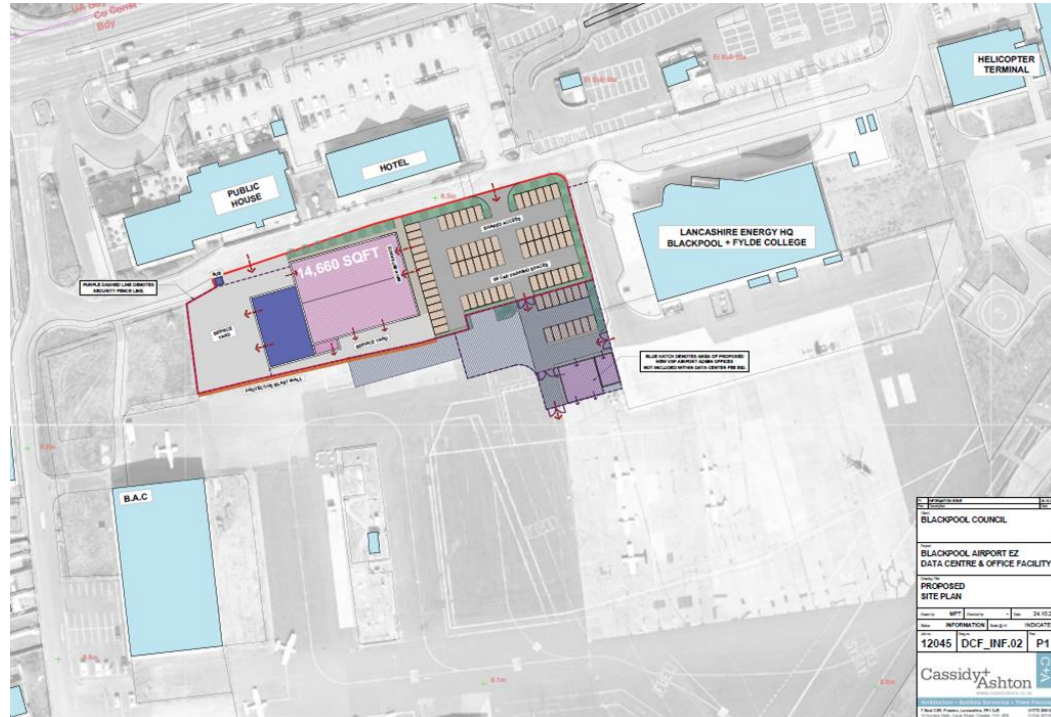
Demonstrator Site



Demonstrator Site

- ▶ Brownfield land cleared ready for development
- ▶ 6,000 sq ft data hall within 15,000 sq ft building
- ▶ Data hall on ground floor, research and office space above
- ▶ Seeking developers and operators

Demonstrator Site – Location



How you can support

- ▶ Live Expression of Interest (EoI) invitation for demonstrator site until 31 July 2024
- ▶ Future opportunities for developers, investors, operators, technical consultants, commercial property agents and occupiers
- ▶ www.siliconsands.co.uk
- ▶ ez@blackpool.gov.uk