

# PORT DECARBONISATION AND ENVIRONMENTAL SUSTAINABILITY

14:00 – 14:55

## Emerging Technologies – Industry Use Cases



**Port IT Services 5G Connectivity**

**Laura O'Neil**

Digital Transformation Manager,  
Belfast Harbour



In association with **Redshift Associates**

# Port IT Services 5G Connectivity

Port Decarbonisation and  
Environmental Sustainability



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Digital Transformation Manager

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- Belfast Harbour is more than a thriving Trust Port - it is the engine of Northern Ireland's economy and a gateway to its future.
- Our new strategy currently in development will be an ambitious vision for the next five years as we reimagine Belfast Harbour.
- We are transforming and diversifying to help grow the economy and to support the region's decarbonisation goals





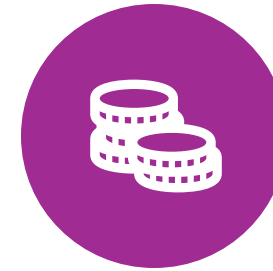
EFFICIENT AND EFFECTIVE  
MOVEMENT OF TRADE THROUGH  
PORTS IS ESSENTIAL



DIGITISATION IS INCREASINGLY  
IMPORTANT



5G OFFERS NEW OPPORTUNITIES  
TO ENHANCE OPERATIONS



PORTS ARE STILL EARLY ON  
THEIR SMART PORT JOURNEYS  
DUE TO COST OF INVESTMENT

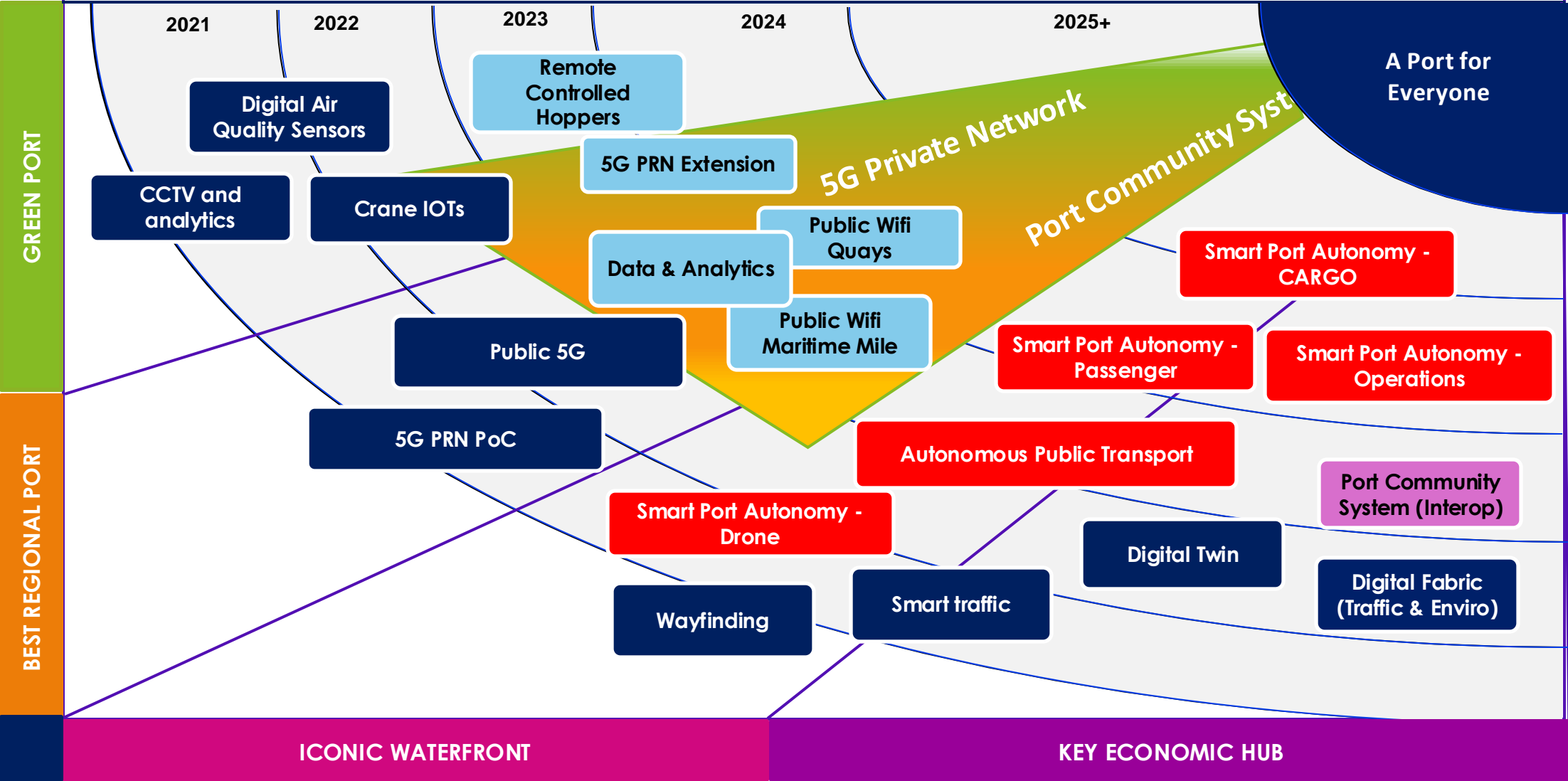


# Building Port Connectivity Infrastructure





# Innovation – Smart Port



The logo consists of two rows of red shapes. The top row has a red semi-circle on the left and a red square on the right. The bottom row has a red semi-circle on the left and a red square on the right.

# Belfast Harbour

**GATEWAY TO OPPORTUNITY**