



MASTERPLAN

MAKING SPACE FOR A SUSTAINABLE FUTURE

2022 — 2042



INTRODUCTION

Our maritime credentials have been there from the very beginning.

It's in our name, Portsmouth.

We've been the start for legendary journeys. The Romans' sheltered harbour, Henry VIII's seafront bolt-hole, trade ships bringing exotic spices to the UK, Nelson's departure for the Battle of Trafalgar, the launch of D-Day troops and the creation of a commercial port.

We've been on a journey to get here, but we're entering a new phase for Portsmouth International Port.

We're a city owned port first and foremost, like being a family owned company.

Growing the business means working with those who share our values for an efficient, expert, premium, boutique service and experience.

We're determined to go big on our green credentials. It means a lot to us and we have an aim to become the first zero emission port.

We won't be plastering platitudes, it's about real outcomes. We have the most environmentally advanced terminal in the UK and have bold plans to introduce green initiatives across the site.

Times have changed but still shipping remains the most important method for trade and a growing industry for travel.

Our Masterplan will focus on creating space so the maritime industry can continue to thrive.

To do this we need to look beyond the city, bringing local and national economic benefits.

GERALD VERNON-JACKSON

Leader of the Council

MIKE SELLERS

Port Director

I'm thrilled to see one of, if not the oldest, ports in the UK unveil its masterplan. This details the steps it will take over the coming years to develop and become a leading 21st century port.

Portsmouth has a rich, famous maritime history and this masterplan continues that evolution. Ensuring that Portsmouth adapts to growth in trade and adopts cleaner ways of working is not only good for Portsmouth, its residents and businesses - but for the whole nation.

New and exciting opportunities are opening up as the Solent Freeport stands poised to be the leading trading hub in the south of England. This plan will cement that success.

ROBERT COURTS

Minister for Maritime



POSITIVITY ON THE HORIZON

Through detailed market analysis from independent experts and extensive stakeholder engagement, we have an informed insight into what potential cargo and business forecast could be in store for the maritime sector.

Our Masterplan focuses on the next 20 years and how the port can adapt to successfully support the future of UK trade and travel.

As we head towards 2042 we will follow these critical themes along the way

- ENVIRONMENT AND SUSTAINABILITY
- SOCIETY AND ECONOMY
- RESILIENCE AND SECURITY
- INNOVATION AND TECHNOLOGY



PROJECT SUMMARY

- | | | |
|---|---|--|
| <ol style="list-style-type: none"> 1. Cruise berth 300m ships — shore power infrastructure ready 2. Lo-Lo terminal berth upgrades to AJQ and FHQ— deepened strengthening and realigned for flexibility — shore power infrastructure 3. Flexible Lo-Lo open storage upgrades — removal of cold stores 4. Portico terminal expansion — Expanded container consolidation warehouse | <ol style="list-style-type: none"> 5. BCP ready and fully flexible 6. Terminal extension 7. Rudmore Square Junction and round-about upgrades 8. Upgraded smart ferry freight gates 9. Upgraded junction at Whale Island Way 10. Integrated park and ride facility for ferry and cruise services 11. Smart highways and driver notification systems | <ol style="list-style-type: none"> 12. Satellite trailer parking and pre-gate facility 13. New electric ferry terminal and services 14. New passenger boarding bridge |
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SOCIETY AND ECONOMY

VALUABLE PORT

Portsmouth's enviable waterfront, connection to major transport routes and rich maritime heritage, makes the city an ideal place for marine related business.

This port is already a significant contributor to both the local and national economy, and a critical industry for many businesses in the supply chain.

Portsmouth as a major UK port, has links stretching as far north as the fisheries in the Scottish Highlands heading to the continent, critical freight to the Channel Islands and tropical fruit from South America and the Caribbean.

Millions of passengers of travel to France, Spain and a thriving cruise industry that is expected to welcome over 100,000 travellers in the next few years.

Investment to deliver our Masterplan will provide significant economic benefits for the local and national economy. As a critical lifeline port and major employer we are committed to looking at ways the port can evolve and become a place where everyone can thrive.

This Masterplan will create thousands of new jobs, both directly and indirectly, securing Portsmouth's position as the UK's leading marine and maritime city.



2022 >>>>>>>>>>>>

£390M*

National Impact

5,590

Total Employment

£189M

Local economic impact

2032 >>>>>>>>>>>>

£739M

National Impact

10,448

Total Employment

£357M

Local economic impact

2042 >>>>>>>>>>>>

£801M

National Impact

11,333

Total Employment

£387M

Local economic impact

Opportunities for local employment, providing skills development, apprenticeships and training in the maritime and marine sector.

Significant cruise employment with home port status increasing jobs by a further 150.

Satellite trailer storage will generate further jobs both through administration, security and operations.

*Figures from 2017 data

BEYOND THE PORT

We are at capacity.

Our efficient operations means we can manage current cargo levels, however projections suggest that unaccompanied freight will increase and trailer storage will become essential.

As a critical port we provide resilience to the short sea crossings by easing congestion and can support a growth in UK trade and changes to how this is processed.

There are pockets of land in and around the port, which make sense to incorporate into usable areas, but this isn't enough.

Creating space beyond the port is a priority.



OVER 12 - 24 MONTHS OUR FOCUS IS

Priority for expansion of unaccompanied trailers and satellite storage, improving logistics supply chain

Advanced discussion regarding a six hectare outside of the city site to create state-of-the-art freight and business facilities, incorporating fast electric charging, automation — looking beyond traditional modal services

Opportunity for additional HMRC facilities

Reducing traffic congestion on major networks, smart highways and driver notification systems

NEXT LEVEL PORT TETRIS

We use every inch of our current 66 acre site.

Technology can create space you never knew you had and is also environmentally friendly.

We will be investing in the latest smart solutions to capitalise on forecast cargo and passenger volume growth.



2 — 4 YEARS OUR FOCUS IS

Creating automated pre-gate facilities, 50% faster processing.

Upgrade check-in lanes using ANPR

Improved site layout for efficient flow of freight

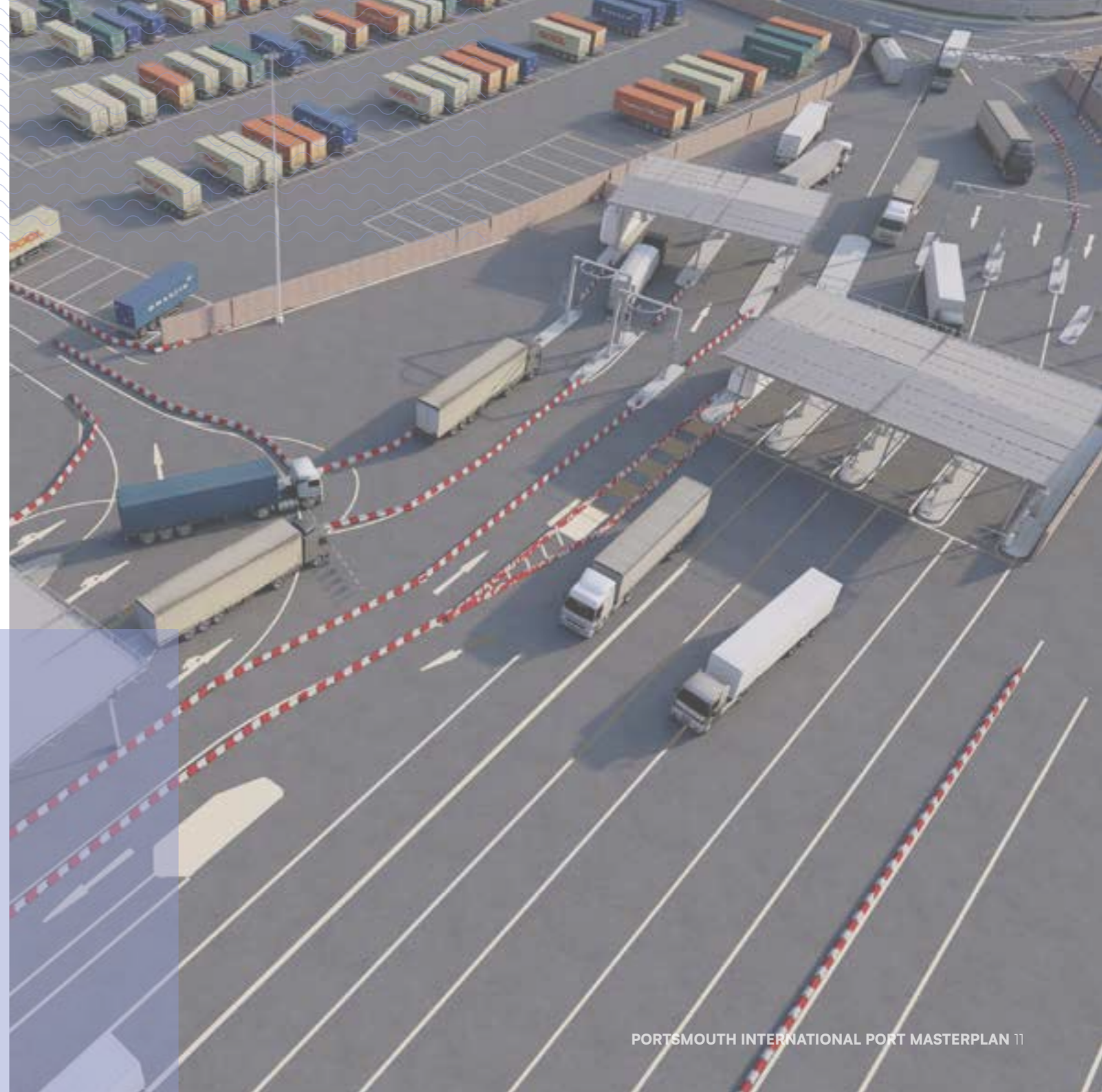
Out bound automation

Rudmore Square junction and roundabout upgrades to manage port traffic flow.

Additional parking facilities using the council's expanded park and ride

NEXT 5 YEARS

Junction upgrades at Whale Island Way





ENVIRONMENT, SUSTAINABILITY
INNOVATION AND TECHNOLOGY

SUSTAINABLE WANDERLUST



To complement our brand new terminal extension, which allows us to handle an increase in ferry and cruise passengers, we need additional, sustainable, infrastructure to match.

Portsmouth has an opportunity to become the port of choice for new and existing companies looking for a premium, boutique service.

We are proud partners with Brittany Ferries and Condor Ferries, and this is the level of commitment we offer to brands who share our values.

There is also an appetite for electric ships, we want to create facilities that can accommodate this change in power demands.

To sustain the interest and optimism from the cruise and ferry market looking to position themselves in Portsmouth.

OVER 12 MONTHS OUR FOCUS IS

Terminal extension to manage an increase in passengers and exclusive lounge facilities

NEXT 5 YEARS

Berth upgrade so the port can cater for ships up to 300m

Support an electric ferry service including terminal facilities

Overhead walkway from terminal to ship

Provide shore power for ships alongside

Redevelopment of passenger boarding bridge

STRENGTHENING PORTICO

Portico is a global cargo terminal within the international port, supporting the country's relationship with worldwide trade.

It boasts a wealth of experience and expertise in the shipping industry and has identified changes in the modal shift of goods.

To cater for the needs of its Lo-Lo customers upgrades are required and a multi-use site will protect the longevity of the business as it continues to diversify.

Short-sea container services will become popular routes as trade adjusts to changes in cargo shipping trends.

Making space for the future is critical and while some can be achieved by consolidating facilities on site, additional land is required.



WITHIN 5 YEARS OUR FOCUS IS

Respond to future shift of containerisation.

Expand facilities on-site to cater for a range of cargo.

Support employment land developments in the city's Local Plan that make provision for commercial opportunities near to Portico.

An agile port able to support shortsea services.

WITHIN 5 YEARS OUR FOCUS IS

Upgrade berths and water depths.

ENVIRONMENTAL PIONEERS

We don't believe in platitudes and want our actions to speak for themselves.

As a city-owned port our relationship with residents means everything, we want them to feel proud of their port and it's important we show we're leading by example.

We want to work with customers who share our values and show that the maritime sector, one of the oldest industries, is at the cutting edge of sustainable innovation.

To make sure our plans have an impact, we will be open and transparent with our air quality monitoring data. This means investing in the latest technology to capture what's happening at the port and what's having an effect.

We've teamed up with scientists and academics to turn the port into a living laboratory to trial the latest in environmental power prototypes.

12 — 24 MONTHS OUR FOCUS IS

Lithium-ion battery for energy storage

Shore power for small cruise ships

Processing freight away from the port to reduce impact on the road network

OVER 24 MONTHS OUR FOCUS IS

Smart freight gates

Smart passenger booking

OVER 5 YEARS OUR FOCUS IS

Our ambition to reach carbon net-zero by 2030, and become the UK's first zero emission port by 2050

Alternative power generation technology, such as hybrid LNG barges and shoreside power

Net energy provider from whole site solar PV and wind turbines, including solar car ports

The port plays a vital part of the Solent Freeport project and has potential to attract major benefits to the region as it provides opportunities for job creation through encouraging businesses to develop and grow.

We have been identified as a customs site, with one of the tax sites also located at the nearby Dunsbury Park, a large business park off the A3 owned by the council.

A Freeports site will create

- dedicated transport hub, located within access of the port for tax free trade.
- supply chain solutions through increased capacities.
- value added facilities for customers, drop and go and simplified customs clearance.
- fresh produce processing (customs free) for re-exporting.
- ambition to be fully automated transport solution between the sites.
- enhances air quality while attracting trade to the port



FUTURE PORT LEADERS

Shipping is responsible for making sure 95% of goods move around the world.

It is a vital part of UK's global trade, without maritime we'd very quickly be in trouble.

We're proud of our maritime heritage and the important role our employees play. Their key worker status was rightly recognised during the pandemic, as they worked throughout making sure essential medical supplies reached the NHS and kept supermarkets shelves stocked.

Our Masterplan is ambitious, with a commitment towards a green future. This isn't about platitudes, but taking bold action. We will only achieve this by encouraging the next generation towards a maritime career at Portsmouth International Port.

As members of Maritime UK's Diversity in Maritime programme we support aims to promote a fair, equal and inclusive UK industry that embraces diversity and creates a supportive and open atmosphere for all to be able to achieve their potential.

This is our future of maritime.

If you want to be part of it, get in touch. There are exciting times ahead.





MAKING SPACE FOR A SUSTAINABLE,
DIVERSE, FUTURE