



PORT
of
TYNE

TYNE TRANSFORMED

UPDATE 2021

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WELCOME

The Port of Tyne is intrinsically linked to the success of the local and national economies in which we operate. All of the commodities that we handle, export or distribute allow our economy to thrive and trade.

We first launched our new vision for the Port – Tyne 2050 - in November 2019 and we promised to review and update it regularly as the world around us changes and we adapt and learn more as a Port.

The past 18 months have brought some unprecedented challenges, particularly Covid-19, and we are proud to have continued operating throughout the pandemic with the unwavering support of our employees, stakeholders and customers.

Covid-19 clearly raises new global challenges and opportunities for the future and the Port will evolve and rise to those challenges and seize the opportunities. It is as important as ever that we are flexible and adapt as necessary so that we continue to grow as an international gateway for global commerce.

The central part of our Tyne 2050 strategy remains unchanged - to reinvest our profits back into the Port to enhance customer solutions for the greater benefit of our region. We will continue, therefore, to invest in the development of our people as well as our port facilities to keep this economic asset viable, competitive and innovation focused. We remain excited about the future of the Port as we adapt and focus on the long-term sustainability of the business.

We continue to support Maritime 2050 and our Tyne 2050 strategy is intentionally ambitious. If we do not set the ambition high, we risk limited progress. We are committed, therefore, to maintaining and continuously improving what we offer, using our experience and expertise to change and transform our future and to ensure that the Port of Tyne, and the region we serve, will survive and thrive over the next 30 years – and well beyond.

Lucy Armstrong
Lucy Armstrong
 Chair



& HELLO

It's been 18 months since we launched Tyne 2050, our vision for the Port and an opportunity to redefine ourselves in the face of a number of new social, market and environmental challenges.

The Port has a clear vision for the future – one that balances its role as a key facilitator of business, a world leader in collaboration and technology, an innovator of environmental sustainability and an engine for long term economic prosperity and job creation within the wider region and, indeed, nationally. As a major Trust Port we are, perhaps uniquely, able to work for the benefit of both our industry and the region as a whole.

The Port's Tyne 2050 strategy is representative of our changing times - and we've certainly experienced times of unprecedented change this year. New global challenges and opportunities have emphasised the need for us to be dynamic, efficient and effective in order to achieve our growth plans. The world in which we operate is constantly evolving and we need to keep pace with our changing environment. Our Tyne 2050 projects are more important now than ever and we've adapted to new challenges by reviewing, refreshing and reorganising the projects based on what we've learnt throughout the year. Due to the Covid-19 pandemic we had to pause some projects and extend some timelines whilst other projects were accelerated to meet our requirements or respond to changing markets.

The Port of Tyne is perfectly placed to attract businesses from the growing offshore renewables market. In 2020, we secured investment from Equinor / SSE to become its base for the world's largest wind farm, Dogger Bank, bringing an expected 200 direct jobs with many more in the supply chain and estimated capital investment of £9bn to the North East.

Our clean energy mission and supporting Tyne 2050 projects have clearly never been as relevant as they are now. We have ambitious plans to become a test bed for green innovation by 2025 and fully carbon neutral by 2030. Our 2020 achievements for clean energy include converting diesel powered assets to electric, launching the UK's only mobile harbour crane fully converted to electric and switching to LED lighting saving 2 million KWh+.

Our 2050 Maritime Innovation Hub will celebrate its second anniversary this year. Since its launch, over 60 events have been delivered to 2000+ people from over 350 companies providing innovative solutions for operational challenges identified through hackathons and collaborative engagement with businesses including other ports. Over the last 18 months, the team have worked with innovative companies to review, implement and test new technology such as wireless predictive maintenance, AI for operational efficiency and smart berthing tools. I look forward to building on this success during the year ahead.



Matt Beeton
Chief Executive Officer

INTRODUCTION

The Port of Tyne aspires to be one of the most innovative, progressive and efficient deep-sea ports in the UK linking the North to the rest of the world.

As a Trust Port, we receive no Government funding, are run on a commercial basis and reinvest all profits back into the business for the benefit of all of our stakeholders who are customers, employees, business, Government and the community.

The Port of Tyne is one of only two deep-sea ports in the North East, operating in numerous bulk sectors, energy (including biomass and offshore), rail-freight, automotive logistics, cruise and ferry, and port centric logistics. We also have a portfolio of world-class commercial properties and offer unrivalled agility, security and flexibility for shippers, manufacturers and retailers. We're fully integrated into the wider northern infrastructure with direct links to major roads, rail and airports.

The Port is the gateway to the North, facilitating trade through the River Tyne and beyond into the wider northern hinterland.

We are a catalyst for growth in the whole of the region, supporting over 9,300 jobs and contributing £557m gross value to the economy. Our customers support hundreds of thousands of jobs both directly and through the wider supply chain.

The Port is also the Statutory Harbour Authority for 17 miles of the River Tyne and is committed to ensuring the safety of navigation for all river users - commercial, fishing and leisure - and to maintaining, developing and improving the river for the benefit of current users and future generations.

In addition, Port of Tyne provides Vessel Traffic Services (VTS), pilotage, surveying and dredging services, all vital parts of our role in overseeing the safety of navigation and protecting the environment on the river. The Port is recognised as the primary east coast place of refuge and our pilotage service is one of only three in the whole of the UK to be accredited to the International Standards for Pilotage Organisations. The Tyne hosts many sector specific supply chain organisations for advanced manufacturing, technology, energy and tourism and we are committed to the wider success of the region.

The Port of Tyne is an ideal site for offshore activities. It has approximately 200 acres of readily available land, deep water, lock-free access, a mature logistics and transport infrastructure, plus close proximity to available seabed sites including Dogger Bank, Sofia and Seagreen.

83% of the world's largest cargo ships can be accommodated at the Port of Tyne which can also offer exclusive and restriction free berthing access with no beam limitation.

The Port's management team are committed to enabling continuous innovation – as evidenced by our investment in creating the first ever 2050 Maritime Innovation Hub.

The Port is therefore ideally placed to become a major hub for the manufacture and maintenance of vessels and equipment to service the emerging offshore supply chain.

PORT OF TYNE IN NUMBERS:

13m
DEEP-SEA PORT

3.4km
OF BERTHS

617
ACRES OF LAND
WITH TWO
ENTERPRISE
ZONES

7
WIND FARMS
WITHIN 100NM
OF THE PORT

AEO
STATUS

UK 1st
MARITIME 2050
INNOVATION HUB



GATEWAY TO THE NORTH OF ENGLAND AND SCOTLAND; CONNECTIVITY AND PROXIMITY TO NORTH SEA – EASY ACCESS TO A1 AND A19, EAST COAST MAIN LINE

2050 MISSION, VISION & VALUES

The Port of Tyne is a Trust Port. We are an independent statutory body, operating on a commercial basis for the benefit of our diverse community of stakeholders.

Our strategic decision-making and direction are guided by the needs and aspirations of our stakeholders.

Our board, leadership team and employees are custodians of the Port of Tyne, whose role is to achieve our **purpose** of conserving, maintaining and future-proofing the Port for the benefit of generations to come.

Our mission is to create a vibrant and sustainable Port of Tyne contributing to the growth of the economy, and to hand on the Port in a better condition to future generations.

Our vision is to be the UK's safest, most progressive, customer-focused and environmentally sustainable port, and a great place to work.

Our values describe how we will achieve our vision. They reflect the culture of our company and are the guiding principles for how we do business; they are to be Open, Excellent, Respectful and Responsible.



STRATEGIC OBJECTIVES

ECONOMY

We will grow and develop the business and our regional economic prosperity by supporting existing customers and using our expertise to help them do more. We will improve productivity, secure new market opportunities and funding and deliver outstanding customer service for the benefit of the Port, the river and the region.

SAFETY

Our aim is Zero Harm to employees. The target is to eradicate reportable injuries by 2022. Safety and support for our employees' health and well-being is our top priority. We will ensure a safe working environment for all and continue to build a constructive safety culture, refreshing and invigorating the safety message each year.

PEOPLE

We will continue to develop and reward our employees. We will listen to feedback, measure our progress against our vision of being a great place to work, and aim to develop a workplace culture that aligns with our values, supports flexibility and delivers productivity improvements. Port of Tyne is also committed to the health, well-being and education of our people in the region of all ages, and to developing an inclusive and diverse workforce.

ENVIRONMENT

Minimise our carbon footprint in the immediate term and achieve net zero greenhouse gas emissions by 2030. Since 2017 we have reduced our carbon footprint by two-thirds and we will continue in this trajectory. We will act responsibly, putting positive environmental choices at the forefront of our decision making, having due regard to commercial and competitive responsibilities and will support the UK's transition to a sustainable, circular economy.

MORE THAN A PORT

An independent assessment by Arup shows that we punch significantly above our weight in terms of the impact we have on the region and beyond. The Port of Tyne contributes to the local, regional and national economy in the following ways:

EMPLOYMENT IMPACT

The Port represents a source of accessible employment for people in the local and regional area. This is particularly important given that many parts of Tyne and Wear are within the 50% most economically challenged parts of the country, and some parts are within the 10% most challenged.

- Port of Tyne is an important local employer – supporting 9,300 direct and indirect jobs across the supply chain including businesses that either use the Port's shipping, warehousing or distribution facilities, or act as a supplier to the Port.
- In 2020 the Port was selected by Equinor / SSE as its base for what will become the world's largest offshore wind farm. This is clearly significant for Tyneside as not only will it secure our commercial future by attracting a range of associated businesses, but it will also bring a series of other benefits. Locally, it means an immediate 200 plus jobs and the arrival of the Port's initial anchor tenant will, inevitably, have a multiplier effect by stimulating the vertical and horizontal renewable energy supply chain.



ECONOMIC IMPACT

The Port works in partnership with a number of local and national business initiatives, including the CBI, the NewcastleGateshead Initiative, the North East England Chamber of Commerce and the North East Local Enterprise Partnership.

We will support and attract leading organisations to facilitate a sustainable supply chain that delivers ease of movement of goods and passengers from and to the North of England and Scotland.

Port of Tyne promotes port centric logistics and its combination of rail-freight and coastal shipping services contribute to reducing congestion on UK road networks.

Port of Tyne is also responsible for safe navigation and regularly undertakes activities to maintain and improve the river, piers and the Swing Bridge.

Our plans align with the North East Local Enterprise Partnership Industrial Strategy. We commit to supporting our region in boosting productivity and playing our part in creating great employment opportunities with investment in skills, customer service and infrastructure. Port of Tyne will continue to support advanced manufacturing, health and safety, technology and innovation, subsea, offshore and energy sectors. Through our 2050 Innovation Hub we will collaborate with stakeholders to address the Industrial Strategy's 'Grand Challenges' of:

- Artificial Intelligence and Big Data
- The circular economy
- Clean growth
- The future of mobility
- Meeting the needs of an ageing society

We aim to create an internationally recognisable brand for the whole of the Tyne and surrounding area, a brand that includes, but is not limited, to the Port.

Renewable energy could unlock the North East's recovery. Almost half of all the electricity generated in Britain between January and March 2020 originated from renewable sources and 30% came from wind power.

Overall, offshore wind farms powered the largest increase in renewable energy production, rising by 53% compared with 2019, and onshore wind generation grew by a fifth.

A surge in the use of wind power for electricity generation helped to set a new record for clean energy production – we know this from official Government data. Throughout the UK, a massive expansion in the use of renewables is planned as part of the UK's green economic recovery from Covid-19. It's still early days, but this will be very important in helping the country achieve its goal of net-zero emissions by 2050.

It's the start of a new era for the Port and the local economy, given that Government policy is to ensure 60% home grown content in contracts for the provision of offshore wind projects. This means new well-paid local jobs, apprenticeships and new professional career pathways for young people.

BUSINESS REVIEW

The Port of Tyne is the 'Gateway to the North' and we recognise our responsibility for the economic and employment impacts that we have on our region as a centre for marine and technology research, an important support for offshore facilities, marine businesses and custodian of the River Tyne.

Our aim is to continue to play our part in increasing prosperity in the region by contributing to business growth, playing our part in the development of industrial clusters, focusing on the financial stability of employment at Port of Tyne and contributing to the region's net-zero greenhouse gas emissions targets. In addition, we will keep supporting the communities we serve, and leading the way on maritime innovation.

The impact of Covid-19 on our customer base has been both widespread and varied, with some sectors remaining strong and others, such as cruise and ferry, experiencing significant challenges. We've worked hard to support all our customers during this unprecedented time. The Port has operated throughout the pandemic and our key workers have enabled the flow of critical supplies into and out of the Port for the benefit of North East England and the UK as a whole.

We're very proud to have a workforce which is committed, multi-skilled and able to respond to these rapidly changing markets and customer requirements. Some of our key challenges in relation to people are shared by the wider UK maritime industry and these include addressing the skills gap that will be created by the ageing population and developing a more diverse and representative workforce. We look forward to collaborating on the national Women in Maritime Task Force as well as on industry-wide plans to attract younger generations.

The Port has externally validated accreditations to international standards for Health and Safety, Environmental and Quality processes and we continue to develop our safety culture. In 2021 we achieved the Royal Society for the Prevention of Accidents (RoSPA) Gold Award for the seventh year in succession.

All our Marine Services activities comply with the Health and Safety standard OHSAS: 18001 and are within the guidelines of the Port Marine Safety Code (PMS), the national standard for Harbour Authorities.

The Port is also proud to have achieved full AEO status – for customs, safety and security. An AEO is an economic operator who, by satisfying certain criteria, is considered to be reliable in their customs related operations throughout the European Union (EU) and is therefore entitled to benefits that include lower risk scores and fast tracking processes through customs, security and safety controls when goods enter or exit the EU. The award of this industry 'kite mark' is a clear demonstration of the high standards that we achieve.

The global, national, and regional economies will need to transition to more restorative ones, where products and business models are kept at the highest utility and value at all times. We are committed to the principles of the circular economy including sustainable procurement for goods, services, works and utilities in a way that achieves value on a whole-life basis, and are committed to adding value not only to our organisation but to our customers, society and the national economy whilst minimising impact on the environment.

We have conducted an independent simulation modelling study on how climate change may impact future operations to assess the challenges the Port may face in future. This simulation will input to our infrastructure development planning and inform our future resilience planning. Mean sea level rise is predicted to improve port access and flexibility for larger vessels, potentially improving pilot and tug vessel capacity and availability in the future.

The UK and North East LEP have committed to tackling climate change and promoting clean growth. We will continue to contribute to this agenda by our reduction of carbon emissions through energy generation, subsea technologies and investment in NetZero carbon transport systems.

Working with our partners in our 2050 Innovation Hub will help us to achieve some of our clean energy goals – to be Net Zero GHG (greenhouse gas) emitters by 2030 and an all-electric port by 2040. Our clean energy initiatives in LED replacement and diesel to electric conversion will make long term savings for the business and other projects in solar and geothermal will add to these savings.

Commercially, we have already secured a valuable investment from Equinor / SSE for the Port to become the base for Dogger Bank Wind Farm, the world's largest offshore wind farm, bringing with it an expected 200 jobs and estimated capital investment of £9bn to the North East.

Offshore wind will play a huge part in the North East's regional economy and, to support this growth, we have identified over 200 acres of land to be serviced from our deep berths to attract more offshore businesses to the Tyne.

OUR CHANGING MARKETS

MARITIME 2050 – GLOBAL TRENDS

Port of Tyne will, of course, be affected by the global trends highlighted in Maritime 2050 in addition to the opportunities and challenges in the previous section.

Maritime 2050:

- A long-term growth in seaborne trade
- The changing shape of world population
- Ageing populations may generate a decline in some demand
- The shift in the world economy eastwards and new, emerging markets
- Significant climatic events will have an impact both on the resilience of the maritime sector and changing patterns of trade
- The need for more energy
- The need to reduce environmental impacts
- The need to sustain and grow high value economic clusters
- The need to embrace technology and become part of the digital revolution in trading.

Covid-19:

- The increased importance of digital innovation in a post-Covid world
- An increased focus on climate change issues
- Post-Covid effects such as impact on travel and working patterns, the low touch economy and changes in consumer behaviour
- There will also be opportunities to work with the cruise and ferry industry and, more widely, the tourism industry, to support a post-Covid recovery. In addition, road and rail congestion and capacities in the UK create an excellent opportunity for growth in seaborne transportation.

OUR ROLE IN TRANSFORMING THE NORTH

In the North East LEP Strategic Economic Plan, connectivity plays a crucial role in enabling economic growth by facilitating trade and investment, movement of goods and services and sustaining jobs and training opportunities. Port of Tyne's transport and digital infrastructure connects the region to national and international markets. Within the region, we ensure the efficient flow of the goods and people coming through our Port.

Our commitment is to provide competitive, attractive, reliable, safe, clean port services for customers, businesses and residents, and to deliver first class digital infrastructure and technologies within our Port environment that are efficient, reliable and fast.

Achieving these aims will support businesses from across the region to grow and prosper and will also offer particular opportunities with advanced manufacturing, subsea, offshore, energy and digital sectors. The Northern Powerhouse Independent Economic Review forecasts that, by 2050, a transformed North of England could see a 4% increase in productivity, equating to an increase in Gross Value Added (GVA) of almost £100 billion, and creating up to 850,000 new jobs.

The North is highly competitive in the advanced manufacturing, digital, energy, and health innovation industries, supported by excellent capabilities in higher education, logistics, and financial and professional services.

Transformational improvements to the North's transport connectivity are critical to achieving a globally competitive environment that can sustain economic growth, making the North a more attractive and buoyant marketplace. Port of Tyne will continue to play a crucial role in improving connectivity so that people and businesses are better able to trade and do business.

OUR MARKETS

The cargoes and customers that Port of Tyne has served since the 18th century have always evolved with the science, technology and trends of the times and this process of adaptation and evolution will continue. We will remain focused, flexible, agile and in tune with market forces to thrive well into the decades ahead. We are delighted to work with customers who have the resources, values, sustainability and resilience to be compatible partners. We commit to working in partnership to help our customers achieve their vision. This will contribute to the growth of the Port and of the region.



CARGOES AND BULK PRODUCTS

The cargoes we handle will change as the global economy changes. Our conventional and bulk cargo volumes continue to grow, with an increased focus on agribulks, energy related and other bulk products.



ENERGY, OFFSHORE AND RENEWABLES

The move to a decarbonised economy is driving the growth in renewable products and services. This includes biomass, but also the move to power generation by wind and hydrogen. Port of Tyne is ideally placed due to its geographical position and deep-water to benefit from the large scale and long term development of offshore wind farms at Seagreen, Dogger Bank and Hornsea and those areas in Crown Estates Round 4. This will include fabrication, marshalling, operating and maintenance bases for those wind farms in operation and in development, and decommissioning for those at end of life. This is a key market opportunity for the Port for the next 10-30 years, allowing low risk, certain cash flows underpinned by Government contracts.



ADVANCED AND REGIONAL MANUFACTURING

As well as supporting existing manufacturers in the region, substantial growth opportunities lie in the North East's established advanced manufacturing sector, which includes automotive and pharmaceutical clusters. We will continue to support the local supply chain during the changing political and economic landscape and encourage innovation in manufacturing, productivity and design through partner collaboration.



CONTAINERS

We expect to see the continued growth of container business as a result of a movement of product away from the congested south east of England, as we provide a low emission, competitive and sustainable service.



CAR TERMINALS

It is likely that the mix of vehicles from current automotive operators including the Renault Nissan Mitsubishi Alliance and Volkswagen Group will change from diesel to electric. This will adversely impact short term volumes. However, the move to electric vehicles should drive future growth. We will continue to work in partnership with our customers and stakeholders to support our clients as the market changes and evolves.



CRUISE AND FERRY

The Port of Tyne, along with Newcastle Airport, remains an important entry and exit point for visitors to and from the North East. We will continue to work in close partnership with DFDS and a number of cruise lines, as well as North East tourism organisations, to maintain and accelerate growth.



ESTATES

We will continue to create and market UK and regional industry centres of excellence and maximise our land development opportunities for the automotive, services, warehousing and energy sectors.

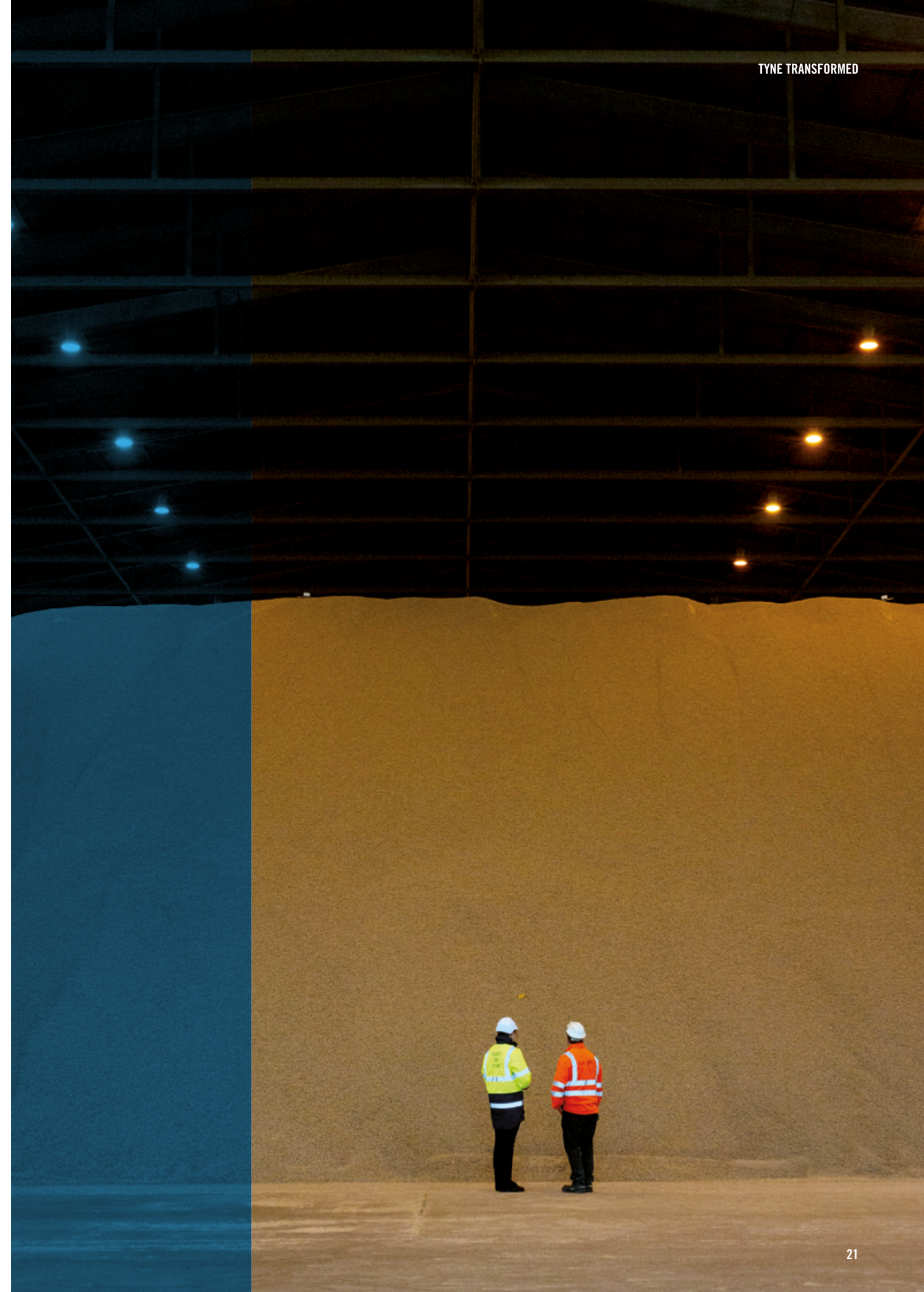
OUR COMPETITIVE ADVANTAGES

Port of Tyne has significant competitive advantages:

- Deep-sea Port
- Easy, deep-water access with no air-draft or beam restrictions, lock-free access just minutes from the open sea.
- AEO status
- Enterprise Zones
- Our geographical location as a Gateway to the North of England and Scotland for cruise, container, automotive and offshore businesses
- Sector expertise in handling biomass
- Trust Port status
- Access to uncongested major road networks such as A1 / A19, mainline and urban rail network via our own heavy rail lines to the East Coast Mainline and by air at Newcastle International Airport
- Dedicated berth facilities and ability to provide an end-to-end service
- Multi-service offer
- Clear values and vision
- Created the UK's first Maritime Innovation Hub, an open and inclusive co-creative platform for sharing of ideas to help to develop systems and processes to take the UK Port sector forward.

To leverage our competitive advantages, we commit to creating and marketing these facilities as UK and regional industry centres of excellence, each optimised for productivity, efficiency, safety and environmental impact, and operated with state-of-the-art digital technology:

- **Tyne Clean Energy Park** – exceptional, affordable, attractive and clean energy estate designed to accommodate the renewable energy sector
- **Tyne Bulk Terminal** – focused on bulk, break bulk, agri and energy-related cargoes
- **Tyne International Passenger Terminal** – world-class passenger services and surroundings for ferry and cruise customers
- **Tyne Container Park** – with infrastructure and capacity enhancements that attract the world's shipping brands to use Port of Tyne



2050 INNOVATION HUB

2050 INNOVATION HUB

The 2050 Innovation Hub is the first of its kind in the UK and is a partnership between Port of Tyne and a number of organisations dedicated to the advancement of trade and facilitation of the region and the wider UK economy.

The 2050 Innovation Hub is fully aligned with the Government's Maritime 2050 Strategy and was announced by the Government as the first Maritime Innovation Hub of its kind. It works closely with the Department for Transport and MarRI-UK to ensure that it delivers for the benefit of the maritime sector as a whole and facilitates trade into the region.

The 2050 Innovation Hub celebrated with many achievements in its first two years, including:

- Creating a network involving business, academia and industry to help create new business opportunities
- Supporting start-ups by facilitating funding opportunities with an 'Innovation Live' pitch event where high tech start-ups presented their business ideas to investors
- Providing proof of concept testing opportunities for innovators looking to demonstrate value
- Providing an example of best practice and inspiration for other UK ports, raising awareness about how the maritime industry can benefit from advanced technology
- Enabling cross-sector collaboration and knowledge sharing with space, military and automotive sectors, amongst others
- Facilitating clean energy deep dives to review potential benefits of renewable energy such as solar, wind, tidal, wave, geothermal, micro-grids, and battery
- Winning Maritime UK 2020 awards for both Clean Energy Operator and Clean Energy Enabler
- Continuing to operate throughout the Covid-19 lockdown, moving events online and hosting numerous events for hundreds of delegates.

STRATEGIC THEMES

Our aims for the Port of Tyne are intentionally ambitious. If we are to realise our potential we have to be the best. We will manage our business to ensure we meet all of our goals and realise our Port's and our region's potential.

Tyne 2050 is about transforming what we do in seven* key areas:

- Our Customers
- Our People
- Our Communities
- Innovation & Technology
- Security & Resilience
- Health & Safety
- Environment

We chose these themes because we see them as being of fundamental importance throughout the life of the strategy. They support the UK's Maritime 2050 strategy and also reflect the specific opportunities and challenges that Port of Tyne has in its role in supporting our regional economic growth and communities.

We have set out our priorities for each of the seven strategic themes.

Tyne 2050 will only succeed if we continue to work in partnership with Government, industry and wider stakeholders. Some developments will take longer than others, so we commit to publishing a regular progress report.

*In 2019, Tyne 2050 included eight key strategic themes. As part of this review, we could see that infrastructure was somewhat duplicated in other themes, so we have integrated our infrastructure goals and projects within the seven remaining themes.

OUR CUSTOMERS

OUR CUSTOMERS

Our customer plans focus on **exceptional service and increased efficiency. We will continue to be a strategic advisor for our customers, developing collaborative relationships and integrated systems and processes.**

We will establish a global network of agents and actively support the global economy. We also aim to build partnerships with market leaders to ensure that we work with the best in the industry to deliver bespoke, long term solutions to our customers.

The Port will focus on our areas of expertise and integrate with our partners to provide a seamless offering. We are delighted to work with customers who have the resources, values, sustainability and resilience to be compatible partners. We commit to working in partnership to help our customers achieve their vision. This will contribute to the growth of the Port and the region.

Our specific customer commitments to help us achieve our vision are:

2021



RECOGNISED FOR COLLABORATION BY THE END OF 2021

We will develop an accredited approach to collaborative business relationships with our customers by the end of 2021 by obtaining ISO44001. This will ensure that our relationships are real opportunities for partnership and value creation.

CUSTOMER FIRST

We will develop customer metrics measuring our performance and achieve and maintain a customer satisfaction score of 90% and above by the end of 2021, ensuring that our customers and our communities benefit from our excellence.

CUSTOMER AND PEOPLE APPLICATIONS BY THE END OF 2021

We will digitally enable customer information (via smartphone based applications) by the end of 2021 and continue to revisit our digital platforms to ensure we improve our digital offering through innovation and technological advancement.

2021



TYNE CLEAN ENERGY PARK

By 2021, our leading-edge Tyne Clean Energy Park will be fully operational, providing exceptional access and support to offshore energy companies and their supply chain.

FUTURE PROOF BY 2030

We will make the port 'future proof' in the face of increasing vessel size by optimising and reconfiguring our berths by 2030.

OUR PEOPLE

OUR PEOPLE

We define high performance culture as consistently achieving excellence in all we do. To maintain and progress high performance, we will continue to develop and reward our employees, listen to feedback, measure our progress against being a 'Great Place to Work' and develop a workplace ethos that aligns with our values, supports flexibility and delivers productivity improvements.

Our specific people commitments to help us achieve our vision are:

2021



GREATER PLACE TO WORK

We will benchmark our new 'Great Place to Work' score at the end of 2021 and continue to improve scores every year thereafter, ensuring we listen to our people and provide a safe and engaging environment for all.

RETAIN THE HIGHEST LEVEL OF THE BETTER HEALTH AT WORK AWARD

We are committed to improving the physical and mental health and well-being of our people and we will continue to address health issues within the workplace by retaining this accreditation every year.

2021



FIT FOR THE FUTURE STRATEGY BY THE END OF 2021

In 2020 we developed our 'fit for the future' strategy for our organisation and our people, taking into consideration future market requirements and developments in technology and digital. We have recently launched two programmes - High Performance Leadership and Change Makers - to ensure our skill set is current and future proof.

Our next steps will be to further develop our organisational culture and focus on additional digital skills enhancement.

2030



DOUBLE DIVERSITY BY 2030

We will attract and retain talent and improve our diversity to that more aligned to our community. Since 2019 our gender makeup of the workforce has improved and is now 18% female (16% in 2019). We will be at 30% by 2030 and play a leading role in championing diversity in maritime.

OUR COMMUNITIES

OUR COMMUNITIES

The Port takes its commitment to all stakeholders very seriously and has provided ongoing support to local communities through community grants and sponsorship.

We will continue to be a good neighbour for the communities who live and work near Port of Tyne and will contribute fully to the economic and social well-being of the wider region and the UK and global maritime sector.

Our specific community commitments to help us achieve our vision are:

2021



CHARITABLE GIVING TO COMMUNITIES BY END OF 2021

We will commit all of our charitable giving to support high impact and welfare support programmes for adults and children that make a measureable difference to our communities.

2022

COMMUNITY OPEN DAYS BY END OF 2022

We will ensure that we are a port that welcomes our local communities and educates them as to what our port does for the region to draw more support and attract more potential talent from the local community by introducing educational open days from the end of 2022.

2023



PORT MASTER PLAN BY 2023

We will develop a master plan in conjunction with our local communities to ensure our stakeholders are supportive of our growth plans and have the opportunity to be part of our success by the end of 2021.

Our completed masterplan will include land and river usage (including fishing and leisure), and how we connect and integrate with our hinterland and the communities we serve.

INNOVATION & TECHNOLOGY

INNOVATION & TECHNOLOGY

Technology brings a wealth of opportunities to innovate and create additional benefits for customers choosing the Port of Tyne, the communities we serve and our people. We plan to use digital solutions to add value, drive efficiencies and to continuously improve and progress the excellent levels of operational and safety standards and customer service that we pride ourselves on delivering.

As we did in 2020, we will continue to work with our local authorities and other organisations to provide innovation and growth training and support for local businesses through our 2050 Innovation Hub.

Our specific innovation and technology commitments to help us achieve our vision are:

2021



2050 INNOVATION HUB

To engage in long term collaboration projects on industry and trade logistics technology through the 2050 Innovation Hub and implement and test innovation with our stakeholders and partners.

2025



SMART PORT BY 2025

By 2025 we will have defined what becoming a Smart Port means for Port of Tyne and make significant progress towards it through trials and pilots.

2030



BLOCKCHAIN BY 2030

We will explore and trial appropriate open data systems such as Blockchain, creating opportunity, transparency and improved trading efficiency by 2030.

SECURITY & RESILIENCE

SECURITY & RESILIENCE

Aligning physical security and resilience with cyber will be key to achieving our strategy as maritime moves further into the digital, connected world.

This will bring opportunities to continuously improve efficiency and manage data in a positive, safe, secure environment.

Our specific security and resilience commitments to help us achieve our vision are:

2021 

2021 PANDEMIC / HEALTH EMERGENCY ROADMAP

In 2021 we will use lessons learnt from the Covid-19 pandemic to create an emergency roadmap to ensure resilience against potential future pandemics.

2022 

REGIONAL RESILIENCE BY 2022

We are committed to developing regional resilience arrangements with key stakeholders, linking to our Business Continuity Modelling System, to ensure that in any eventuality, our business works and trade flows by 2022.

2025 

AUTOMATED THREAT ASSESSMENT BY 2025

We will use the latest technology and work in partnership with key stakeholders data systems and artificial intelligence to inform the Port of threat assessments and security responses by 2025.

2030 

MOST SECURE SCREENING BY 2030

We will implement the most reliable and secure automated security screening system and process in any comparable port by 2030.

HEALTH & SAFETY

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To aid our growth ambitions and to support our employees, visitors, customers and stakeholders we will develop a Health and Safety culture that is integrated, co-ordinated and commercially responsible.

Our specific Health and Safety commitments to help us achieve our vision are:

2022 

RETAIN WORLD CLASS MARINE SAFETY SERVICES

As one of only 19 ports in the world to be accredited by the International Standard for Maritime Pilot Organisations (IPSO), we will continue to set the standards in marine safety and mooring by retaining this accreditation every year.

ZERO HARM BY 2022

We are committed to being a Zero Harm port and will eradicate all reportable injuries by 2022.

2024 

RETAIN GOLD STANDARD SAFETY

We will set the standards in procedural and cultural safety and achieve the RoSPA Presidents award for Health and Safety commitment, activity and performance by 2024.

ENVIRONMENT

ENVIRONMENT

In support of the Government's 25-Year Environment Plan, the Clean Growth Strategy, the Clean Growth Grand Challenge, and the UK Maritime 2050 Strategy, the Port of Tyne commits to leading the maritime industry in environmental sustainability, and ensuring that our impact on the marine environment, climate and air quality will be negligible.

Our ambition is to become an industry exemplar in green port services. We will leverage the increasing research, technology and innovations for achieving climate change mitigation and adaptation.

Our specific Environmental commitments to help us achieve our vision are:

2021



CIRCULAR ECONOMY

We are committed to a sustainable, low carbon, business model following the principles of the circular economy and, in collaboration with our key stakeholders, by the end of 2021 we will develop a circular economy action plan for our forward and reverse supply chains to harness the benefits of sustainable procurement and product design, collaborative consumption, digital technologies and product-service systems, thereby reducing our resource consumption and minimising our waste production.

2030



GREEN PORT STRATEGY

We will deliver our organisational net-zero roadmap with the decarbonisation objective to achieve net-zero greenhouse gas emissions from port activities by 2030.

SUB-PROJECTS:

ALL ELECTRIC PORT BY 2040

We will identify opportunities to move our plant and equipment to renewably generated electric power to reduce our greenhouse gas emissions.

CLEAN ENERGY TESTBED BY 2025

Through collaboration with partners, we will create testbeds new clean energy solutions.

AUTOMATED ENVIRONMENTAL IMPACT

We will develop an automated system of environmental impact assessment to assess impacts at an operational level or during feasibility assessments.

COMMERCIALLY CLEAN

We are committed to minimising regional environmental impacts from port-related activity and will use commercial measures to encourage uptake of clean technology and to make positive environmental choices.

MAKING OUR STRATEGY HAPPEN

In order to continue our development, drive new initiatives and meet our goals, a review of our Tyne 2050 strategy will be carried out by our Leadership Team at least annually.

It will be updated to reflect external changes and new challenges and opportunities.

The Leadership Team will be responsible for the implementation of the overall strategy and substrategies to meet our goals. We will apply a modern, agile programme management approach to monitor and report each period on the progress of each commitment presented.


We will publish a regular update on the progress we have made and our plans for future, additional development.


Tyne 2050 isn't just an aspiration, it's our future... intentionally ambitious and achieving purposeful change.



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