

Annex P – Confirmed Investments

Investment Description	Strategy/ Objectives	Investment Value	Expected Outputs	Funder(s)	Delivery Timescales	Geographical Scope	How does the investment support the Freeport to realise its objectives?
Public Sector							
Fifth Cruise Terminal at Port of Southampton	Enhancing the Port's world class infrastructure and expanding future capacity	£15.9m across all 6 Getting Building Fund projects in the Solent	Across all 6 Getting Building Fund projects in the Solent: Direct Jobs Created: 730 Construction Jobs Created: 3,630 Houses Unlocked: 1,560 Commercial Space Unlocked: 2,800sqm Businesses Assisted: 230 CO2 emissions saved (kg): 34,008,660	Solent LEP (Getting Building Fund)	Operational	Port of Southampton	Providing world class infrastructure to safeguard Southampton's role as the largest cruise port in Europe, making an important contribution to the transition to zero emissions in the maritime economy
Fawley Waterside Digital Infrastructure	Upgrading the Waterside area's digital infrastructure and connectivity				Due to complete in 2021	Fawley Waterside area	Facilitate upgrades to the network resilience of the waterfront community, unlocking and accelerating development
Enzyme Recycling Techniques – Building an Industrial Engagement Hub, Portsmouth	Expansion of the University of Portsmouth's Centre for Enzyme Innovation to find a solution to the global plastic pollution crisis				Due to complete in 2022	Based at the University of Portsmouth but open to the wider business community	Developing green recovery solutions as part of the Freeport's Net Zero strategy, providing dedicated space for companies to engage with science, access facilities and become a testbed for growing local and national partnerships
Centre for Electronics Frontiers - Turning Solent into UK's "Silicon Coast"	Developing a centre of excellence for the development of Artificial Intelligence				Due to complete in 2022	Based at the University of Southampton but open to the wider business community	This project will provide a centre of excellence for the development of Artificial Intelligence and therefore provide expertise that could be leveraged by the Freeport to support productivity enhancements within port operations
Partnership for South Hampshire (PfSH) Nutrients	Mitigate against nutrients through the repurposing of agricultural land				Due to complete in 2022	Solent LEP area	Funding will be used to mitigate against nutrients through the repurposing of agricultural land, directly unlocking new development across the Solent

Solent Growth Hub	Dedicated business support service for all businesses in the Solent	£2.5m to 2023	Ongoing: business support, business growth, job creation and safeguarding	Solent LEP	Ongoing	Solent LEP area	Dedicated business support service for all businesses in the Solent, including those looking to expand and grow within the Freeport; networking; key role in delivering and co-ordinating Opportunity Solent
Stubbington Bypass	Improved access to the Fareham and Gosport Peninsula	£34m	Enhanced connectivity to the Fareham and Gosport Peninsula	Various, inc Solent LEP	Under construction	Stubbington, but enhancing accessibility across the Solent LEP area	Improved access to the Fareham and Gosport Peninsula, enabling Freeport economic benefits to reach the Solent's wider communities
Dunsbury Park Link Road	Unlocking development at Dunsbury Park	£3.5m	Unlocking development at Dunsbury Park	Solent LEP	Complete	Dunsbury Park tax site	Critical infrastructure to unlock development at Dunsbury Park tax site
Portsmouth Naval Base Marine Engineering Centre	Upgrading training facilities in marine engineering	£9.7m	Training 35 apprentices each year	Various, inc Local Growth Deal	Complete and operational	Portsmouth Naval Base, but open to learners from across the area	New and upgraded training facilities in marine engineering, helping to upskill the future pipeline of talent needed to deliver Freeport objectives
CECMM, Isle of Wight	Developing a new Centre of Excellence for Composites, Advanced Manufacturing and Marine skills	£10.9m	Developing specialised skills for 600 students each year	Solent LEP	Complete and operational	Isle of Wight, but open to learners from across the area	Specialist centre for engineering, aimed at creating a world-class workforce and talent base for the Solent Freeport
Solent Enterprise Advisor Network	Inspiring and preparing young people for career opportunities available	£1.5m to 2023	n/a	Solent LEP	Ongoing	Solent LEP area	Employer-led initiative to inspire and prepare young people for the exciting work opportunities available within the Solent Freeport
CEMAST, Solent Enterprise Zone	A dedicated Centre for Advanced Engineering Skills Training	£12m	Trains more than 900 full and part-time learners, apprentices, and employees per week	Solent LEP	Complete and operational	Solent Enterprise Zone, but open to learners from across the area	Specialist Centre of Excellence in Engineering, Manufacturing and Advanced Skills Training, creating a world-class workforce and talent base for the Solent Freeport

Univ. of Portsmouth, Future Technology Centre	Providing a collaborative and practical learning environment to run experiments, debate and explore ideas about how the latest technology can help improve society	£11m	Over 200 employees benefit from training each year	Various, inc Solent LEP (Local Growth Deal)	Complete and operational	Univ. of Portsmouth, but open to learners from across the area	Training the innovative engineers of the future, world-class facilities to assist Freeport companies take advantage of new production technologies, translating innovation into business growth
Centre for Creative & Immersive Extended Reality	Delivering immersive and creative extended reality facilities to enable, support and grow the significant Digital Creative Industries sector	£5.2m	Support 800 businesses, create 200 new jobs and support 500 new learners	Various, inc Solent LEP	Under construction	Univ. of Portsmouth, but open to learners from across the area	Focus on digital skills and technology To help drive innovation and enhance businesses based in the Solent Freeport to be resilient to future shocks
National Maritime Systems Centre	Providing a modern working environment to attract critical skills and a hub for technological advances in the maritime environment in support of the Royal Navy	£5m	Secure and safeguard 280 jobs and create up to 100 jobs	Various, inc Solent LEP	Opened in 2021	Portsmouth	Innovation and Collaboration Hub to support SMEs and foster greater collaboration and innovation across the Solent Freeport
Solent University, Warsash School of Maritime Science & Engineering	Providing first class maritime education, training and consultancy to the maritime and offshore industries	£20m	Creating 25 new jobs, safeguarding 131 jobs, 230 new learners p.a.	Various, inc Solent LEP	Complete and operational	Southampton, but open to learners from across the area	Investment in specialist maritime training, innovation, and research facilities creating a world-class innovation hotbed, workforce and talent base for the Solent Freeport
ABP - Shore Power Initiative	Project to enable shore power for cruise ships at the Port of Southampton	£8.5m	Zero emissions while docked in Southampton	Various, inc ABP and Solent LEP	Under construction	Port of Southampton	This will be the first major commercial berth and cruise port to use this technology in the UK, reinforcing and helping to achieve the Freeport's Net Zero ambition
Future Transport Zone investment	Programme of trials of new transport modes in e-scooters, freight, Mobility as a Service (MaaS) App and drones	£28.7m	Innovative new transport modes	DfT	2021 - 2024	Across the Solent LEP area	Enhancing connectivity across the Solent Freeport geography and accelerating innovative transport modes. The MaaS and Drones projects will pioneer world class innovation here in the Solent

A326 (South) Fawley Waterside Junction Improvements	Improve journeytimes and increase capacity along this major artery	£8.1m	Improved journey times, increased capacity	Solent LEP, Fawley Waterside Limited	Under construction	Fawley Waterside area	The A326 acts as a major artery linking Fawley Waterside and ExxonMobil directly to Marchwood and the Strategic Land Reserve and providing a link via the A35 to Redbridge. The current upgrades will improve journey times and increase capacity, further enhancing connectivity within the tax site
Rushington Roundabout & the corridor linking Waterside to Southampton. (A35/Marchwood By pass junction)	Improving bus journeytimes by providing bus priority to encourage modal shift from private car to rail. Improving active mode provision to encourage modal shift by removing barriers to walking and cycling and thus freeing up some highway capacity for port related development traffic.	£7m	Increased active mode use, increased public transport use, improvements in air quality, reductions in journey times.	DfT and Solent Gateway	2022/23/24 (TCF), 2023/24 (MRN), 2024+ (others)	A35 from Redbridge Viaduct to Rushington roundabout, and A326 from Rushington to the A326 Marchwood Bypass junction.	Helps to promote regeneration and job creation by reducing delays to ensure efficient journey times for the movement of freight, public bus and other traffic between the Waterside, Southampton and the wider area, which will better link important institutions and maritime businesses in the wider Solent Region.
A326 East-West Connectivity	Improve access across the A326 for active modes, reducing severance caused by the high traffic volumes on this strategic road. Improve safety for vulnerable road users. Help to remove barriers to walking and cycling and thus encourage modal shift away from private car for local journeys.	£970,000	Increased active mode use and reduction in number of accidents involving vulnerable road users. Reduction in severance posed by the A326.	Hampshire County Council	2022/23 (phase 1), 2023/24 (later phases)	The A326 in the Waterside area of the New Forest, between Dibden to the north and Holbury to the south.	Helps to promote regeneration and job creation by building on the infrastructure being funded by Fawley Waterside and the Solent LEP, as well as TCF, by improving active mode connectivity across the A326 and helping to alleviate the potential impact of increased vehicular traffic accessing Freeport development sites on the Waterside.
Private Sector							
Southampton Airport runway extension	Extending the runway by 164m to make the airport economically viable for a wider range of carriers	£15m	Various, helping to safeguard future economic growth within the Solent	Southampton Airport	Due to complete Q1 2023	Southampton Airport	Runway extension safeguards the future of the airport as a critical connectivity asset within the Solent Freeport

Havant Thicket Reservoir	Strategic Reservoir, delivering a more reliable and resilient water resource for the local area and wider South East	£120m	Providing an important strategic resource to support new development and cope with the effects of climate change	Portsmouth Water/ Southern Water	Operational by 2029 (planning consent granted June 2021)	Just to the north of Dunsbury Park tax site	Significant potential to support Solent Freeport objectives around Net Zero, Innovation, and Levelling up
Package of infrastructure investment at DP World Southampton	Major programme of investment to enhance operational efficiency and capacity, designed to take it up to the next level as a premier international freight and logistics hub	£87m	Increased trade throughput and investment into the Solent Freeport	DP World Southampton	Next 5 years	Port of Southampton	Directly support Freeport objective to facilitate international trade growth and employment
Package of investments at Port of Southampton	Major programme of investment to enhance the port's contribution to global trade and investment, including infrastructure improvements, new Port facilities and pilot launches	£130m	Increased trade throughput and investment into the Solent Freeport, new infrastructure	ABP	Next 5 years	Port of Southampton	Directly supporting Freeport objectives to facilitate global trade and investment
Package of investments at Portsmouth International Port	Major programme of investment to enhance the port's contribution to global trade and investment, including infrastructure improvements and new Port facilities	£140m	Increased passenger and trade throughput and investment into the Solent Freeport, new infrastructure	Portsmouth International Port, Portico	Next 10 years	Portsmouth International Port	Directly supporting Freeport objectives to facilitate global trade and investment
Investment in new vehicles and premises	Increasing capacity for haulage and ferry operations through Portsmouth Port to Channel Islands	£5m	Increased haulage and ferry operation through Portsmouth Port to Channel Islands and increased trade	Ferry Speed	2020/21	Portsmouth International Port	Increased building space, increased jobs and more haulage wagons. Directly contributing to Solent Freeport Net Zero ambition

Investment in new capital equipment and complete change to fit out of buildings to deal with net zero	Enhancing operational efficiency	£15m	New export contracts for radar, weapons systems and warship design	BAE Systems	2020/21	Portsmouth International Port	Directly supporting export activity from the Solent – contributing to global Britain, levelling-up agenda through new jobs created and Net Zero ambitions
Investment in new Innovation centre and HQ regeneration of site at Portsdown Tech Park and improved energy and power supply system	Enhancing capacity for innovation and operational efficiency	£7.4m	SMEs supported to innovate and work with the defence primes and reduction in use and cost of energy. SMEs attracted from across world to base here	QinetiQ	2020/21	Portsdown Tech Park	New Innovation Centre directly supports Freeport objectives of Innovation, Levelling up and regeneration
Investment in new technology for freight forwarding	Enhancing operational efficiency	£0.15m	More efficient use of Portsmouth Port	ACP Freight	2020/21	Portsmouth International Port	Investment directly supports Freeport objectives of Innovation, job creation and global Britain
Investment in new simulation systems for maritime training	Enhancing capacity and expertise in new simulation systems for maritime training	£3m	Enables Viking to take on Wartsila work and all the simulation equipment	Viking Maritime	2019-21	Portsmouth International Port	Innovation in marine and maritime and net zero as training can be done virtually
Investment in new capital equipment	Business expansion	£0.6m	Obtained new Canadian contract for submarine gas systems	TPG Group	2020/21	Portsmouth International Port	Key example of Solent company investing in innovation to support national objectives around Global Britain
Investment in new facilities and input to new rail line	Boosting operational efficiency	£6.6m	Boosting operational efficiency	Wightlink	2020/21	Portsmouth International Port	Boosting connectivity across the Solent, directly contributing to Solent Freeport objectives around Net Zero and innovation
Academic sector							
Innovation Connect	Providing business space focused on new high-growth start-ups and SMEs, plus comprehensive suite of business support services to enable these companies to grow	£120,000	A solid business support proposition delivered into the four university Innovation Connect centres. 2 new jobs created.	University of Portsmouth	In place by the end of 2021	University of Portsmouth, but open to businesses across the area	Innovation Connect's strategy is to build, and be part of, a wider ecosystem (or cluster) of business in sectors that align with the Solent Freeport's strategy and key objectives around innovation, net zero, skills and trade and investment)

Low Carbon Solent	Enabling businesses to engage with academics and other businesses to develop their low carbon technologies	£1.9m	200 businesses supported	Various, including University of Portsmouth	Oct 2019 - Sep 2022	University of Portsmouth	Playing a major role in the Freeport's net zero objective, by enabling businesses to engage with academics and other businesses to develop their low carbon technologies
Supporting Innovation and Growth in Healthcare Technologies (SIGHT)	Enabling businesses in the high-tech and pharma priority areas to more rapidly develop their businesses and access key markets such as the NHS and US	£1.7m	100 SMEs supported Network of over 200 SMEs created	Various, including University of Portsmouth	July 2019- June 2022	University of Portsmouth	Direct role in driving inward investment and the growth of an innovation ecosystem in the Solent region
Solent Industrial Decarbonisation Cluster	Establish a Solent regional industrial decarbonisation cluster (similar to clusters in Teesside, Humberside, South Wales)	£600,000	Formation of Solent Industrial Decarbonisation Cluster	UKRI, University of Southampton	Jul 2021 – 2024 (initial phase)	Solent region	It will optimise solutions for essential decarbonisation processes such as shipping of CO2 and Bioenergy with CCS
Bolderwood Innovation Campus, University of Southampton	A dedicated campus for engineering and maritime engineering courses, with a number of world-class testing and research laboratories	£200m	World leading research centre for shipping, aerospace maritime, coastal and offshore engineering	UKRI, University of Southampton, Research England, Lloyds Register	From 2016 and continuing to develop	Southampton, but open to learners from across the area	Initially established through investment of £122 million the Bolderwood Innovation Campus is the UK's largest University business partnership, including the Lloyds Register Global Marine Technology Centre
Towing Tank and aerodynamic testing facilities, University of Southampton	Part of the Boldrewood Innovation Campus. State-of-the-art hydrodynamics, aerodynamics, 138-m towing tank with wave maker and advanced wind tunnels	£25m	Largest University hosted towing tank in Europe	University of Southampton, UKRI	Fully commissioned from summer 2021	Southampton, but open to learners from across the area	Will enable to investigate the power requirements of high speed vessels, assess safe limits in extreme waves, study marine renewables, examine the fluid-structure interaction of moorings for offshore structures and study the energy efficiency of hull designs
National Infrastructure Laboratory University of Southampton	Funded under the UK Collaboration for Research in Infrastructure and Cities (UKCRIC) programme to develop new understandings of the behaviour of large structures and structural components	£48m	More resilient critical large scale infrastructure in UK and globally and decarbonised approaches to transport, trade and infrastructure	UKRI, HMG	From 2019 then on-going	Southampton	Key emphasis on the infrastructure, rail and maritime sectors to enable climate change resilience and decarbonisation and zero-C ambitions

Future Towns Innovation Hub University of Southampton	Re-developed site on the Southampton Science Park (Chilworth) focused on transforming and connecting future towns and small cities in the region including coastal towns	>£10m	Smart transformation of small cities and towns to improve sustainability and wellbeing	Research England, Enterprise M3 LEP, University of Southampton Future Worlds, SETsquared, GreenTech South, Southampton Science Park	From 2020 then on-going	Southampton Science Park	The Innovation Hub will pursue three areas of study, Mobility for Healthy Living; Sustainable Living through Integrated Resource Management, and Engineering Skills subdivide into 5 research themes: Clean growth, New mobility, Sustainable transport, Digital Health, Aerospace and Defence
'Intelligent Ship Centre (IGNITE)', Solent University	Developing a scaled demonstration and training facility for remotely operated Maritime Autonomous Surface Ships (MASS)	£262,000	Provide world-leading and unique training capability and identify new curriculum areas for the development of advanced training and skills	MarRI-UK/DfT	Sep 2020 – Mar 2022	Southampton	Provides a world leading hub for innovation and R&D in remote and autonomous maritime, which will likely form an important pillar of net-zero ambitions
'Ports Energy and Carbon Savings (PECS)' Freeport area partners include Solent University and Portsmouth International Port	Develop, test and implement different tools and technologies in order to reduce the carbon footprint of the small- and medium-sized entrepreneurial (SME) ports and marinas, and to make their functioning more energy-efficient in a cost-effective way	£6.9m	Output and learning for Freeport area: <ul style="list-style-type: none"> • A port specific energy and carbon audit tool • Identification of energy efficiency measures and the selection of the best mix of carbon reduction options 	ERDF	Delivered June 2021	Solent University, Southampton	Provides established innovation relationships within the Freeport area and beyond with international partners. Established significant expertise in low carbon port specific low carbon interventions, practice, and technologies
'Implementation of Ship Hybridisation (ISHY)', Solent University	Development, testing and validation of technical tools and socio-economic models (business cases) for the implementation of hybrid and hydrogen fuel cell technologies in vessels and ports	£13.6m	Establishment of centres of expertise for low carbon	Interreg Two Seas	June 2023	Solent University, Southampton	Provides established innovation relationships within the Freeport area and beyond with international partners. Established significant expertise in low carbon vessel specific low carbon interventions, practice, and technologies

Solent University Maritime Simulation Centre	Offering ship's officers, harbourmasters, pilots, port superintendents and other maritime professionals access to exceptional training using the very latest facilities	£7.3m	World leading maritime, shipping, port and logistics simulation suite	Solent LEP; Gosling Foundation; Solent University	Delivered; operational	Solent University, Southampton	Promoting regeneration and job creation through training and education of maritime professionals. Creating a hotbed for knowledge exchange, research, and innovation in maritime, ports, logistics, and simulation
--	---	-------	--	---	---------------------------	--------------------------------------	---