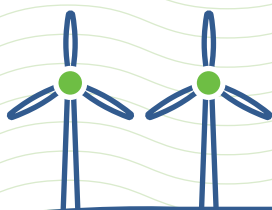




NATURAL

Enhancing the value of our natural capital on land and at sea, amplifying Dorset's environmental distinctiveness through investments in agri-tech, aquaculture, clean energy and skills, while meeting the challenges of the global climate emergency.





NATURAL

A leading Natural Capital economy

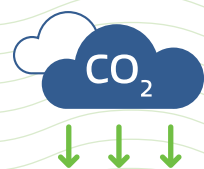
This is an investment portfolio focused on unlocking the economic value of Dorset's natural capital. We believe that natural capital is a common asset, not just to be used by a small section of society – but delivering a return to the common good. That might be measured in terms of renewable energy generated, biodiversity net gain, improved economic prosperity and ultimately achieving net zero carbon output.

All opportunities in this portfolio will target the implications of the global climate and ecological emergencies across our 'blue' (marine) and 'green' (land-based) economy. Working closely with the Dorset Local Nature Partnership, we directly respond to the UK Government's 25-year Environment Plan, Energy White Paper, the Prime Minister's Ten Point Plan for a Green Industrial Revolution and the Government's new agricultural policy, which is based on the principle of 'public money for public goods'

TRENDS AND TRAJECTORY



Renewable energy
is an untapped resource –
with rates of growth
much lower than the
England average



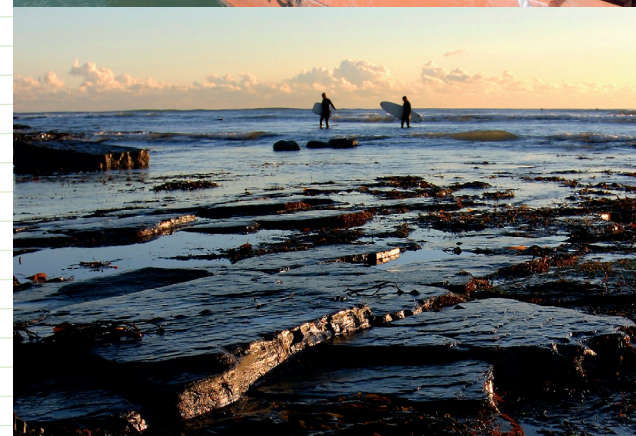
CO₂ emissions
are lower than the
England average –
and reducing faster



£1.5 bn
Estimated annual value of
**Dorset's natural
capital**



67%
of Dorset is
identified as areas of
**outstanding
natural beauty**



Highlighting our **NATURAL** investment opportunities

- **BLUE ECONOMY**
Dorset – home of the
English Aquaculture Sector
- **GREEN ECONOMY**
Transforming food production
- **CLEAN ENERGY**
Unleashing Dorset's clean
energy revolution
- **NATURAL CAPITAL**
Creating Dorset's Natural Capital Trust
- **GREEN AND BLUE SKILLS**
Developing a workforce ready
for a Green Industrial Revolution

Immediate asks

- The location for the England Aquaculture Centre of Innovation and Dorset Aquaculture Park
- A Rural Productivity Deal
- Additional investment for grid infrastructure across the Dorset area



Blue Economy

Dorset – home of the English aquaculture sector ∞

The UK aquaculture industry, worth an estimated £1.4 billion in 2016, is expected to more than double in the next 10 years, growing faster than the UK economy to £3.6 billion GVA and is projected to be the primary source of seafood by 2030.

Also known as aquafarming, aquaculture is the farming of fish, crustaceans, molluscs, aquatic plants, algae and other organisms.

Dorset's thriving aquaculture sector has been identified by the Department for International Trade as a High Potential Opportunity (HPO) for inward investment.

The excellent water quality of Dorset's inshore waters has enabled a diversity of aquaculture to develop and there is significant potential for this sector to expand at sea and on land to meet increasing global demand for healthy fish, shellfish and aquatic plants.

Dorset is also home to CEFAS (Centre for Environment Fisheries

& Aquaculture Science), a world leader in marine science and technology. Bournemouth University is also leading research in conserving waters and coastline for future generations.

Our next step is the creation of the **National Aquaculture Centre of Excellence**, a self-sustaining centre for the industry and wider sectors across England and the South West, linked into the Scottish Aquaculture Innovation Centre.

The will provide a range of services to support the continued growth of the aquaculture sector, helping to drive innovation, applied research, and the development of new industry skills while contributing to food security and health and wellbeing.

The development of the Centre in Dorset would also benefit complementary maritime sectors throughout the supply chain such as ship building, anchoring and moorings, produce processing and technology development.



It also sits alongside the Dorset Mariculture Strategy, which outlines key priorities across infrastructure, innovation, industry support and skills to enable the aquaculture sector to reach its full potential.

Offshore, we are working with local partners including the Dorset Coast Forum and CEFAS to create the **Dorset Aquaculture Park**. This would identify test bed opportunities and the potential for offshore aquaculture development zones (pre-licensed/permitted), as well as on-shore Recirculating Aquaculture Systems and freshwater locations.

Green Economy

Agri-tech – transforming contemporary food production ∞



The agri-tech sector is undergoing an exciting transformation, developing new technologies to expand food production whilst reducing the impact on the environment; pushing the UK towards the forefront of global agricultural innovation.

We will build on previous investments which have supported growth in agri-tech across Dorset, with particular opportunities in nutrition, informatics, remote sensing and low impact agriculture.

Although Dorset's food and drink sector already makes a significant contribution to the economy and Dorset's appeal as a destination, there remains opportunity for investment to further strengthen local supply chains and producers, and support the move towards low carbon production, land management practices and overall increases in rural productivity.

This will become increasingly important with the introduction of the Government's Environmental Land Management Scheme in the coming



years, which will reward farmers for 'public goods' including more sustainable farming, enhanced natural beauty and heritage assets, and clean air and water.

Aligned to the focus on aquaculture, this programme will cover the pan-Dorset food and drink sector to incubate and boost sustainable food production, processing, marketing (including digital), local sales and consumption.

We will also develop supply chain opportunities in hospitality and tourism, health, care and wellbeing, as well as wider public procurement.

This is an area of growth for both a locally resilient food and drink programme and accessing new global markets.

The programme aligns to our 'unlocking rural and coastal potential' focus and our work with the Great South West in taking forward rural productivity through a 'rural productivity deal'.



Clean energy

Unleashing Dorset's clean energy revolution

Dorset remains an untapped resource for clean energy generation – with some 96% of Dorset's energy requirements being imported. This creates a significant opportunity in terms of future demand, and our ambition is to unleash a new clean energy revolution in Dorset – generating all of our energy requirements through local renewable and net zero carbon sources by 2050.

Clean growth and energy have been identified by the Government as important enablers of economic growth as part of a 'green industrial revolution'. Forecasts show that the UK clean growth sector could grow by an estimated 11% per year between to 2030 – four times faster than the rest of the economy – and could deliver between

£60 billion and £170 billion of export sales of goods and services by 2030.

Our clean energy ambition aligns with our linked 'smart energy' focus in our Smart technology portfolio, and the opportunity to drive new local energy markets. Recent evidence showing the potential for a new approach to energy flexibility opens up a number of opportunities for a mix of energy supply within a constrained local market using smart grid connectivity and battery storage.

This enables a range of mix and scale of clean energy production (on land and offshore) – and we intend to maximise this through the development of a stimulus package for new clean energy

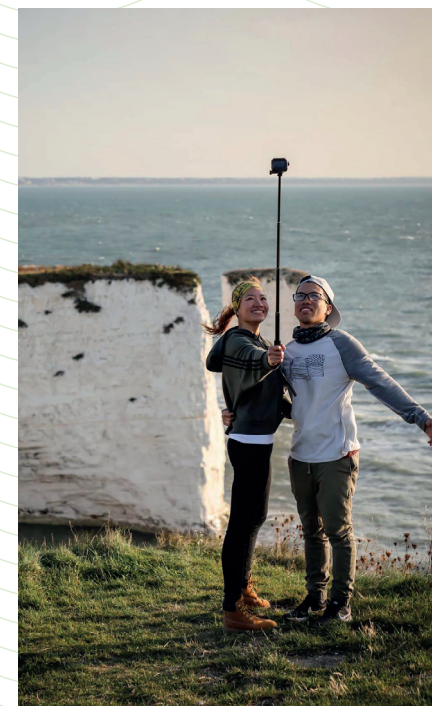
generation across Dorset, with the potential to invest at scale or in smaller scale production (such as unlocking district or regional networks).

Alongside this, we are looking to invest in an SME low carbon programme, focused on increased energy efficiency and renewable energy use across all SMEs in the Dorset LEP area.



Natural Capital

Creating Dorset's Natural Capital Trust



The Dorset natural environment underpins much of our economy and our wellbeing, with more than half the county designated as Areas of Outstanding Natural Beauty as well as important local, national and international designated sites for wildlife. It is also an untapped potential of natural capital return – estimated to be worth some £1.5bn per year. In enhancing and protecting our environment, we can also support the Dorset-wide ambition to realise net zero carbon emissions by at least 2050.

The creation of a **Dorset Natural Capital Trust** will create local markets for environmental land management. This can enable up-front investment in large-scale habitat restoration, nature-based solutions for climate adaptation and mitigation, nitrate and carbon offsetting, and achieving an overall net gain in natural capital across our area. This includes urban sites and will ensure that access and recreation continue to meet the needs of residents and visitors in a sustainable way.

Achieving real environmental enhancement for Dorset can be delivered alongside much needed growth for our communities.

The Trust itself would provide employment and training, while funding new practices for land management and helping the farming sector to adapt to change. It would provide opportunities to invest in land management that benefits both the economy and environment, for example reducing flooding, capturing carbon or nutrients, recovering nature or creating green tourism and wellbeing opportunities.

Developing a shared vision for Dorset's natural capital will improve the cost efficiency for all businesses, conservation organisations and local government in meeting their responsibilities, ensuring best use of funds available.



Green and Blue Skills

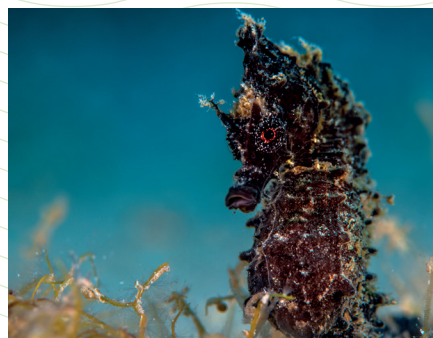
Developing a workforce ready for a Green Industrial Revolution

Underpinning the success of our **Natural** portfolio is a comprehensive 'blue and green' skills programme. Working in partnership across Universities, colleges and other training providers in Dorset, we are developing a comprehensive suite of learning and skills opportunities.

These are being developed in association with employers to ensure that our current and future talent have the right skills we need, building on our recognised strengths and specialisms. These include the Kingston-Maurward Business and University Hub, the first facility of its kind to link agricultural skills development with local businesses in Dorset.

These include:

- **Environment:** Ecology and wildlife conservation; environmental science; environmental technologies.
- **Energy:** STEM based skills in chemistry, specialist engineering, advanced manufacturing and materials science. *Links to engineering Centre of Excellence described within the 'Smart' portfolio.
- **Marine/aquaculture:** National Centre of Marine Excellence; marine ecology and conservation; marine archaeology; boat building and handling.
- **Agri-Food/land:** Horticulture and plant science; arboriculture; animal welfare and science; agriculture; land management.
- **Sustainable construction:** Modern Methods of Construction.



Natural Map

Natural capital areas of interest

- Area of Outstanding Natural Beauty (AONB)
- Special Area of Conservation (SACs)
- Marine Conservation Zones (MCZ)
- World Heritage Site (WHS) – Jurassic Coast
- Nature Map – Strategic Nature Areas



CURRENT

We are building on investments made since 2015 of at least:

Living	£88m
Natural	£11m
Smart	£48m
Wellbeing	£39m

£186m

FUTURE

The Dorset Investment Prospectus headlines the following investment opportunities over the next 10 years:

Living	£2.2bn
Natural	£285m
Smart	£350m
Wellbeing	£140m

£2.975bn

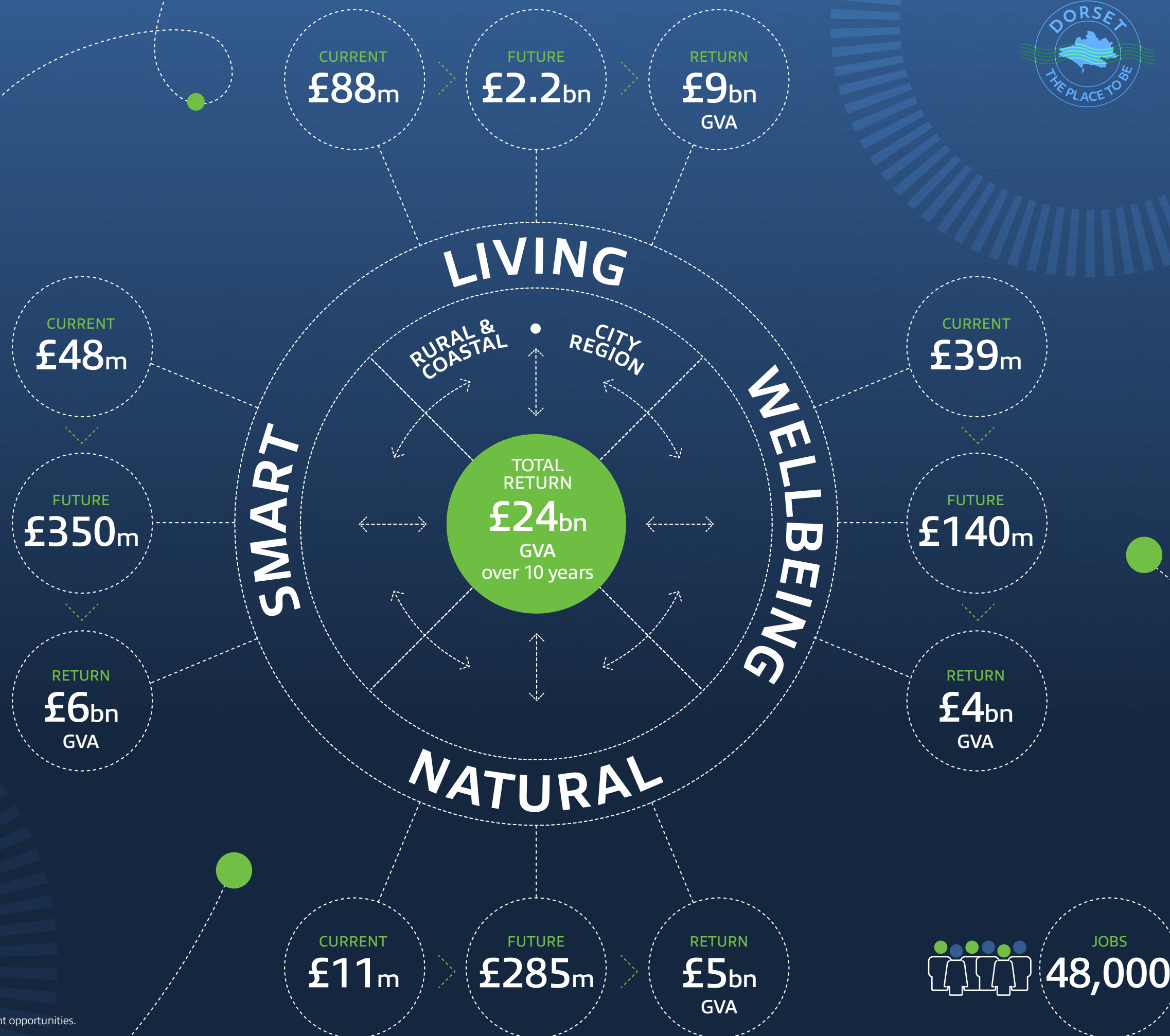
RETURN

These deliver an estimated 10 year economic return to Dorset of:

Living	£9bn GVA
Natural	£5bn GVA
Smart	£6bn GVA
Wellbeing	£4bn GVA
New Jobs	48,000

£24bn GVA

Current investment figures based on Dorset LEP programmes.
Other figures are based on an initial market test of future investment opportunities.
We have made evidenced assumptions where required.





Please message us [here](#) if you would like to find out more about any element of the Prospectus.

Special thanks to 3 Sided Cube, Bournemouth University, The Arts Development Company, AUB Marketing, Dorset Coast Forum and Butterfly Effect Films, RNLI / (Harrison Bates, Gavin Jones, Dave Morgan, Nathan Williams), Dorset Farmers' Market, Sam Dallimore, Dorset Wildlife Trust, Maria Clarke, Dorset LNP and Dorset LEP for allowing us to use their photography.