

# SOME FACTS & FIGURES

## WHAT DO WE MEAN BY ENERGETICA?

EUROPE'S OIL CAPITAL, ABERDEEN CITY AND SHIRE IS BUILDING ON ITS OFFSHORE OIL AND GAS EXPERIENCE AND DEVELOPING EXPERTISE IN RENEWABLE ENERGY SOURCES, TO BECOME A GLOBAL ENERGY HUB. A PART OF THIS ASPIRATION IS THE DEVELOPMENT OF A LOW-CARBON ENERGY TECHNOLOGY CORRIDOR WHICH WILL ATTRACT COMPANIES AND INDIVIDUALS TO A NATURAL AND BUILT COASTAL ENVIRONMENT, KNOWN AS **ENERGETICA**.

Energetica covers a 30 mile development corridor that extends from the Bridge of Don in Aberdeen, west towards Aberdeen Airport and north to Peterhead.

Energetica provides current and future opportunities to invest in world-class infrastructure, business activity, commercial residential and leisure-based developments.

Energetica is central to Aberdeen City and Shire Economic Future's (ACSEF's) vision to become a global energy hub by attracting international energy business and expertise, building on the region's rich oil and gas heritage.

Energetica is expected to generate £750 million of investment in its first 10 years, and has the potential to produce £500 million of additional annual GVA in the region. **Around £260 million of the £750 million investment potential is underway** including the development of 600 acres of new business space, master-planning for new areas, port developments at Peterhead and offshore renewable projects such as the planned European Offshore Wind Deployment Centre.

# WHAT'S BEEN DELIVERED SO FAR?

THE FOLLOWING EXAMPLES TAKE YOU ON A JOURNEY FROM THE NORTHERN GATEWAY IN PETERHEAD, THROUGH THE HEART OF THE AREA TO THE SOUTHERN GATEWAY IN ABERDEEN - AND WEST TOWARDS EXCITING DEVELOPMENTS AROUND THE AIRPORT. THEY ILLUSTRATE HOW ENERGETICA, WITHIN THE LAST FIVE YEARS, HAS MOVED FROM CONCEPT TO REALITY. THESE ARE JUST SOME OF THE CURRENT AND FUTURE OPPORTUNITIES THAT EXIST FOR YOU TO DO BUSINESS WITHIN ENERGETICA.

## ENERGETICA INDUSTRY PARK

Less than 1.5km from the Peterhead port. The 55 acre site will be developed into a high quality, low carbon Business Park. Planning permission has been obtained and sites will be available in 2012. The location offers excellent links to Aberdeen and further afield via Peterhead port as well as cost effective occupational opportunities. With access to the port's deepwater berth, this is also an ideal site for companies looking for opportunities in the emerging decommissioning and renewable sectors.

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## PETERHEAD PORT DEVELOPMENT

A £32 million investment in Smith Quay has recently been completed offering sheltered, deep water berthing for larger subsea support and construction vessels. The project also provides heavy lift capability and a large adjacent working site suitable for component manufacturing, quayside fabrication or project mobilisation.

**Contact: Tel: 01779 483600**  
**info@peterheadport.co.uk**

## PETERHEAD ENERGY HUB (PEH)

This is a partnership between Peterhead Port Authority and ASCO with the support of eleven other organisations. The aim of PEH is to build on the established success in the oil and gas industry and become recognised as an international centre for subsea, renewable energy and decommissioning sectors.

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**info@peterheadenergyhub.co.uk**

## PETERHEAD DECOMMISSIONING LTD (PDL)

This is a consortium of companies, primarily based in Peterhead, established to service the offshore decommissioning market. PDL are active and are currently pursuing decommissioning opportunities.

## MASTERPLANNING IN ELLON, THE HEART OF ENERGETICA

In 2007, Scotia Homes created a masterplan for Ellon, in conjunction with the local community, The Princes Foundation for the Built Environment and world renowned masterplanners Urban Design Associates. The aim was to create a long term vision for Ellon that would lead to well thought out, progressive development for future decades. The plan covers three main areas, Castleton to the north, Cromleybank on the South bank of the River Ythan and the town centre. Mixed use, walkable neighbourhoods underpin the very fabric of the masterplan and ensure that residents can live, work and play all within their local area to reduce reliance on vehicles and to promote the growth of communities. Detailed plans and development schedules continue to evolve for both areas.

## BALMACASSIE COMMERCIAL PARK

A fast expanding fully serviced commercial/industrial estate lying on the north east outskirts of Ellon. This area has excellent links to Aberdeen (17 miles south) and Peterhead (16 miles north).

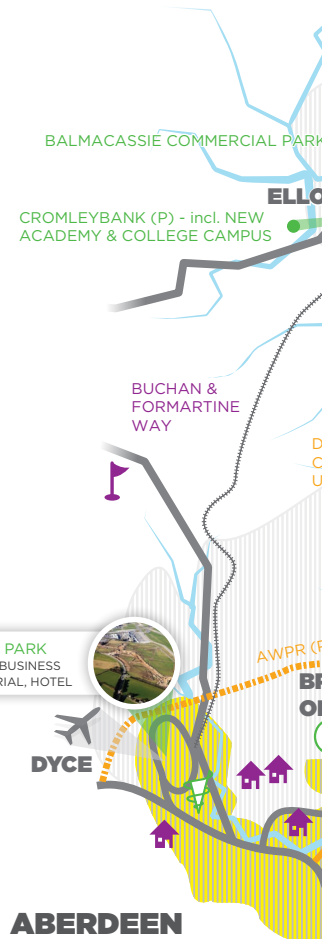
**Contact: M Bruce and Partners: Tel: 07967 973889**  
**afleming@logieestate.com**

## OCEANLAB

This is the subsea research facility of the University of Aberdeen. Research scientists and engineers here lead the world in creating systems capable of operating down to 11,000 metres, enabling scientists to investigate life and environment throughout the world's oceans. Oceanlab's Business Unit offers testing and engineering services to industry.

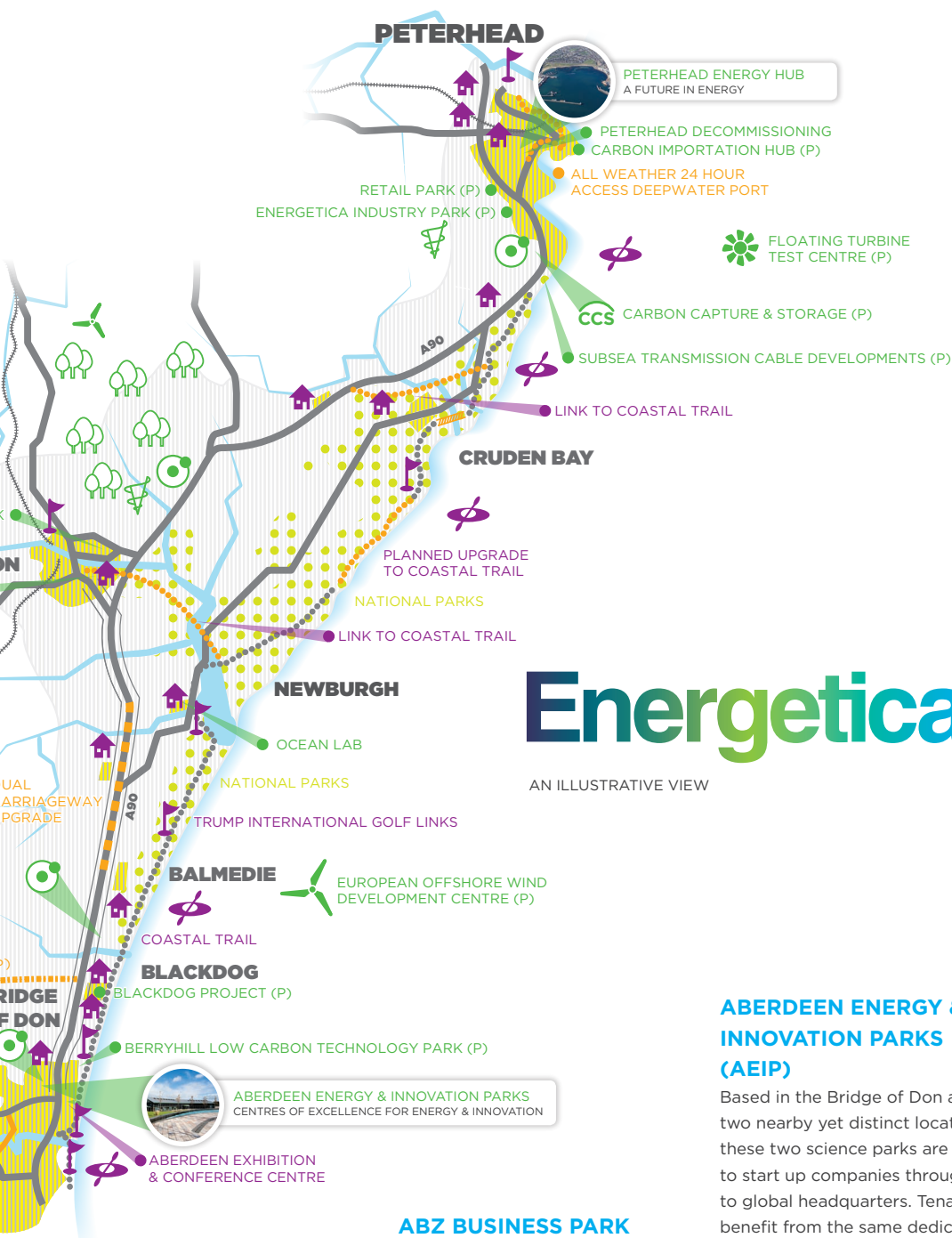
## BLACKDOG PROJECT

Situated just to the north of Aberdeen, with direct access to the planned AWPR and set in a high quality landscape, this development will deliver a 600 home community drawing on the area's heritage and the latest in design and construction technology. A regional foodhall will showcase the very best of Scotland's produce from the mountains to the sea. With Aberdeen Airport only 10 minutes away, and excellent public transport links, the employment land represents a choice location for a variety of businesses. Plans are in public consultation phase.



### KEY

 Airport	 Golf course
 Existing pedestrian paths	 Watersports opportunities
 Proposed pedestrian links	 Potential future settlement expansion
 Existing road	 Existing settlements
 Dual Carriageway Upgrade	 Energetica boundary
 Buchan & Formartine Way	 Natural park
 Upgraded pathway	 Planned or Proposed
 Proposed 3rd Don Crossing	
 Cruden Bay Ladies Bridge	
 Dual Carriageway	
 Potential for biomass woodland	
 Hydrogen Station	
 Ground source heat pump	
 Wind turbines	
 Carbon capture scheme	



# Energetica

AN ILLUSTRATIVE VIEW

## BERRYHILL LOW CARBON TECHNOLOGY PARK

This is a 100 acre site with planning for over 1.5 million square feet of business development opportunities. Generate Land Limited, specialists in low and zero carbon construction will be starting the main infrastructure on this important new business community at the heart of the Energetica Project in the summer of 2012. The offices and warehouses will be best in class for sustainability and efficiency which will be cheaper for customers to operate and maintain. This will also make a significant contribution to help operators meet their carbon reductions commitments. Generate Land have a flexible approach to all enquires and will be pleased to deliver design and build solutions on a lease or freehold basis as well as serviced land for owner occupation. With unequalled views over the Royal Aberdeen Golf course and only 10 minutes from the city centre this new business location offers an unequalled package for your relocation requirements.

**Contact Tony Brooks:**  
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## ABERDEEN AIRPORT INVESTMENT

Aberdeen Airport's draft Masterplan (April 2012) outlines a £100million plan for redevelopment over the next 30 years. This includes refurbishment of the terminal and space for further runway expansion, following the completion of a £10million, 124m runway extension in October 2011.

## ENERGETICA PLACEMAKING

This will, in support of the planning process, provide clear guidance to all developers on the desired low-carbon standards that should be adopted when planning new developments within Energetica. The guidance, founded on the principles of high quality, energy efficient buildings in attractive landscaped settings will be a challenge to developers while still being commercially viable. This work is critical, as design and construction in the Energetica corridor will establish a benchmark of excellence which will set Energetica apart.

## ABERDEEN ENERGY & INNOVATION PARKS (AEIP)

Based in the Bridge of Don across two nearby yet distinct locations, these two science parks are home to start up companies through to global headquarters. Tenants benefit from the same dedicated on-site management, as well as close links to academia and local and international business support networks. The Parks have been established over the last two decades by Scottish Enterprise who, in 2010, formed a joint venture with Buccleuch Property to strengthen the future investment, development and management of the Parks through a public/private sector partnership. A £1.5 million asset refurbishment programme has since completed and construction of the new 15,000 sq ft office and amenity facility, The Hub, will complete in June with Aberdeen & Grampian Chamber of Commerce taking occupation of 4,780 sq ft in July 2012.

**Contact: [www.aeip.co.uk](http://www.aeip.co.uk)**

## ABZ BUSINESS PARK

Better connected commercial property. Work is underway to deliver the £100 million ABZ Business Park, adjacent to Aberdeen Airport, which will feature a mixture of high specification office and industrial units, with potential for a four star airport hotel. ABZ Development Ltd is behind the construction of the 54-acre park. Infrastructure works are progressing well, with services across the entire site, including internal roads, due for completion during summer 2012. Construction of the first business units is expected during late summer 2012.

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## DUBFORD, BRIDGE OF DON, AT THE GATEWAY TO ENERGETICA

Scotia Homes Dubford development lies immediately north of the current boundary of Bridge of Don. The mixed use development will provide houses of varying size and type in a style that is drawn directly from the local landscape. Public parks and gardens permeate the design and create wildlife corridors linking the nearby Nature Reserve to the coast. Plans for the first phase of 109 houses from a total of 550 have just been lodged and this will be followed by an application for development of commercial space.



**LIVE**

**VISIT**

**WORK**

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# WHAT ARE SOME OF THE POTENTIAL INVESTMENT OPPORTUNITIES AND SCENARIOS FOR THE FUTURE?

## EUROPEAN OFFSHORE WIND DEPLOYMENT CENTRE

The planned EOWDC is a groundbreaking offshore wind project for Aberdeen's coast that has received significant industry endorsement as a crucial catalyst for delivering the UK and Europe's ambitious offshore wind targets and creating an industrial-scale marine energy centre. Developed by Aberdeenshire Offshore Wind Limited, a joint venture between Vattenfall and Aberdeen Renewable Energy Group (AREG) plus consortium partner Technip, it has been awarded €40m of European funding and granted demonstrator site status by The Crown Estate. The EOWDC will test and demonstrate up to 11 next generation offshore wind turbines, as well as support infrastructure and other related technology. With the potential to accelerate the development of offshore wind power by proving the next generation of technology in a real time offshore environment, the centre will create jobs and economic benefit by attracting scientists, researchers, engineers, offshore wind supply chain companies and future investment in the fast growing offshore wind sector.

## CARBON CAPTURE AND STORAGE

Scottish & Southern Energy (SSE), Shell and Petrofac are planning the world's first post combustion CCS plant on a gas turbine at Peterhead Power Station. The area's proximity to existing offshore infrastructure together with unrivalled engineering expertise means that the project, which could be up and running by 2017, could create up to 1,000 jobs as well as a major new industry, is considered to be a strong contender for a share of a £1billion UK Government fund to develop this crucial green technology. The plans for Peterhead include taking CO2 emissions from a 385 megawatt turbine, before transferring to the nearby St Fergus gas terminal for further processing and then storage in the depleted Goldeneye field. Separate research is underway into using Peterhead Port as a carbon import hub.

## HYDROGEN FOR THE FUTURE

Research work has been commissioned to explore the feasibility of geothermal and hydrogen for combined heat and power of buildings. This could pave the way for the country's first hydrogen highway. Components of this new environment could include electricity generated by the EOWDC, hydrogen electrolyzing at scale to store excess electricity produced through wind generation, test and research facilities for other forms of renewable energy, and high-quality and low-carbon commercial and industrial accommodation.

**FOR FURTHER INFORMATION ON ENERGETICA PLEASE CONTACT**



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