

**INSPIRED
THROUGH
A DEEPER
UNDER-
STANDING**



IF IT CAN BE IMAGINED -
IT CAN BE REALISED HERE

IF IT CAN BE TAUGHT -
IT CAN BE LEARNT HERE

IF IT CAN BE DONE -
IT CAN BE DONE HERE

ENERGETICA IS DESTINED TO PLAY A KEY ROLE IN ABERDEEN CITY AND SHIRE'S ECONOMIC FUTURE

IT EMBODIES THE VISION, INSPIRATION AND CAPABILITY THAT WILL ENABLE THE REGION TO FIRMLY ESTABLISH ITSELF AS THE GLOBAL HUB FOR THE ENERGY SECTOR.

Over the past 35 years, Aberdeen City and Shire has built a unique reputation as the European capital of energy.

At its heart is a 30 mile development Energetica corridor. Extending from north Aberdeen to Peterhead, it already links key energy assets such

as Aberdeen's innovation and energy parks, airport, Oceanlab and the port of Peterhead. What's more, Energetica offers tremendous opportunities for infrastructure, leisure, residential and commercial development.

ENERGETICA IS MUCH MORE THAN A NAME, A PLACE OR A BRIGHT IDEA.

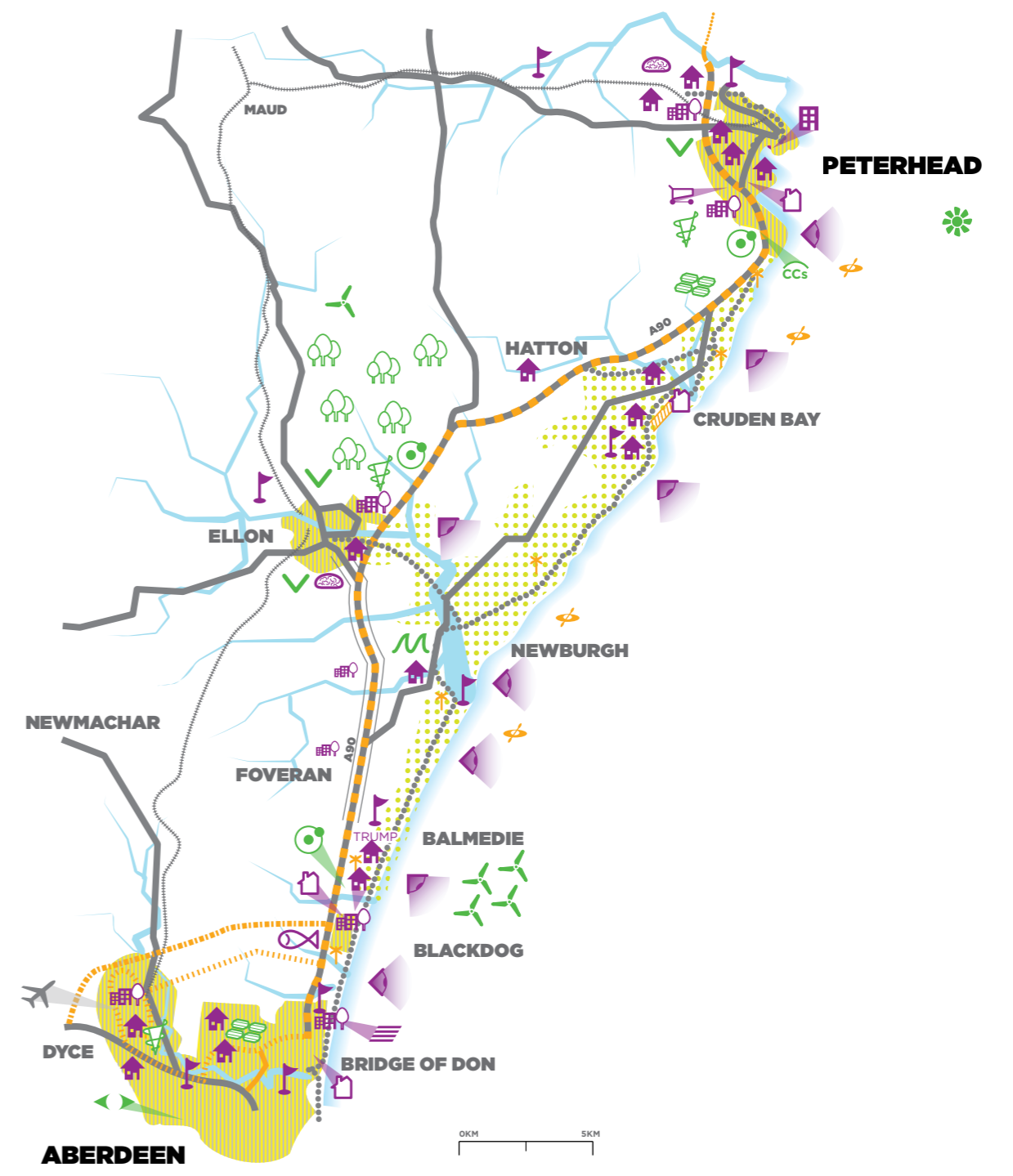
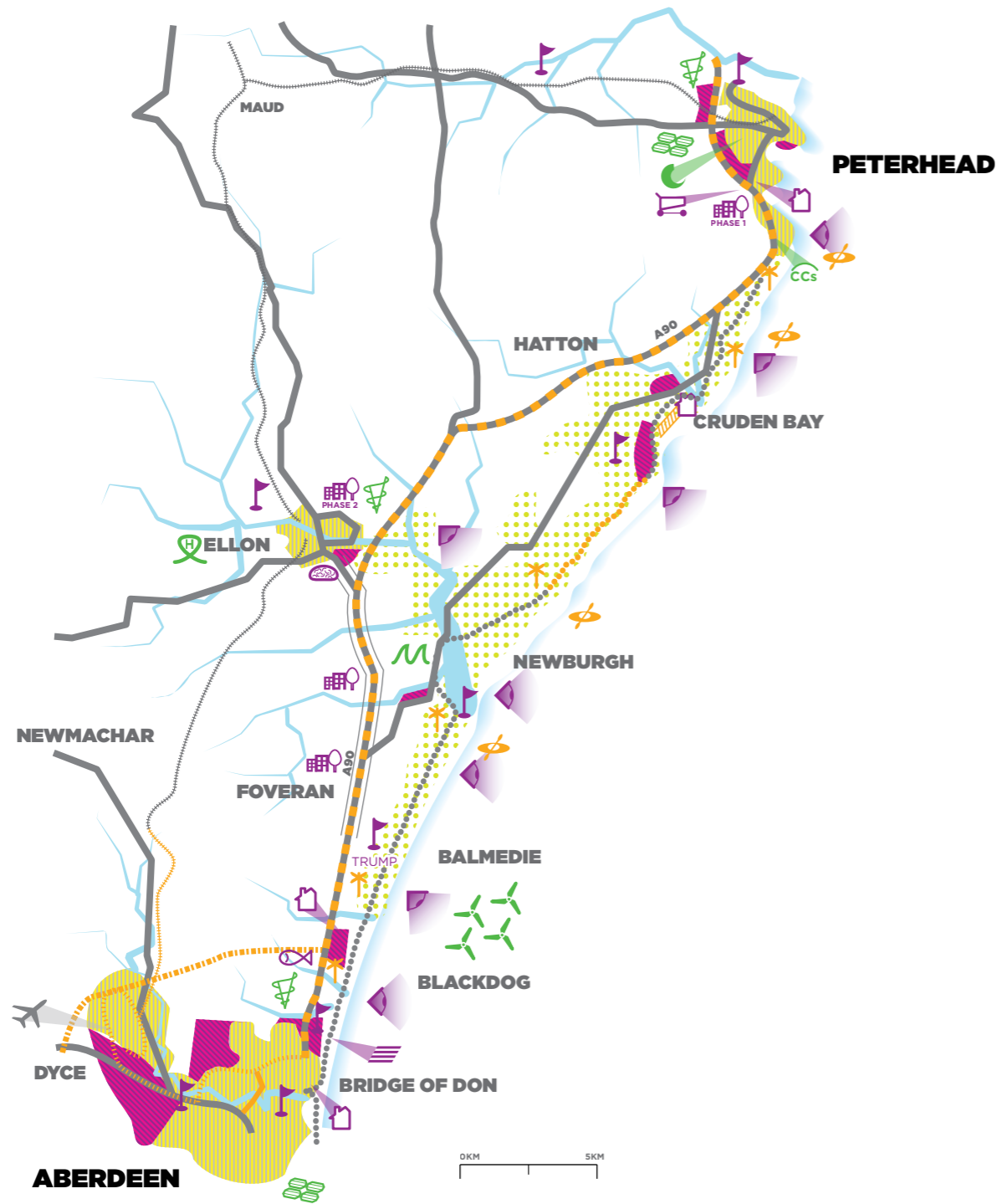
IT'S A WHOLE NEW WAY OF THINKING. ONE THAT'S DEFINED BY A HISTORY OF INNOVATION AND ENTREPRENEURIAL SPIRIT, YET INSPIRED BY A TRULY GROUND-BREAKING AND SUSTAINABLE VISION.

Energetica is set to become the world's leading 'destination' for innovation, knowledge, learning and skills in current and future energy generation. Energetica will host the companies, organisations and research institutions that will collaborate to solve the world's energy challenges. Energetica will become a place where work and home are brought closer together in a more balanced and rewarding way.



PHASE 1 & 2: 2010 - 2018 - AN ILLUSTRATIVE VIEW

PHASE 3 & 4: 2019 - 2028 - AN ILLUSTRATIVE VIEW



THE CORRIDOR OF POWER

Energetica is transforming this 30-mile corridor into a global showcase for energy efficiency and green energy, attracting dynamic organisations who will stimulate collaboration, innovation, research and development. We're also focusing on developing land for residential, retail and recreational use to create a more balanced 'lifestyle' proposition.

TRANSPORT

- Airport
- Existing pedestrian paths
- Proposed pedestrian links
- Existing road
- Main road (dual c)
- Buchan & Formartine way
- Upgraded pathway
- Proposed 3rd Don crossing
- Wildlife signage & orientation
- Watersports opportunities
- Cruden Bay ladies bridge
- Dual carriageway

ENERGY

- Potential for biomass woodland
- Solar energy
- Ground source heat pump
- Wind turbines
- Oceanlab
- Floating turbine test centre
- National hyperbaric centre
- Peterhead Decommissioning
- Low carbon power
- Carbon capture scheme
- Hydrogen loop project

GEOGRAPHIC INTEREST

- Key views
- Golf course
- Iconic building
- Existing settlements
- New development
- New serviced quayside land
- Natural park
- Specialist local produce centre
- AECC Exhibition and Conference Centre
- Business park
- Superstore
- Potential future settlement expansion
- School

THE POWER OF COLLABORATION

Energetica's 'joined-up thinking' will enable interaction and promote true collaboration. It's about linking, connecting and bringing together like-minds to spark off one another, inspire and motivate. We're investing heavily

in physical infrastructure connections such as advanced IT communications and road and rail networks, and we're creating an environment that fuels the power of collaboration between people, companies and organisations.

ENERGY INTELLIGENCE

Already home to many of the world's leading energy-related companies, Energetica will continue to attract businesses founded and inspired by the energy industry. From advanced oil and gas extraction to carbon capture and storage to off-shore wind,

marine and renewable technologies - the concentration of specialist knowledge will create a nucleus of expertise, experience and cutting-edge research dedicated to solving some of the biggest energy challenges facing the world today and tomorrow.

POSITIVE LIVING

Key to Energetica's vision is creating a place that provides the perfect work-life balance. Where people can work in high quality buildings set in a stunning natural environment, yet within minutes, be close to home

and a huge variety of indoor and outdoor activities. Positive living is about ease of movement, sympathetic development, beautiful scenery, breadth of choice, and the best of the old and the new.

SPACE TO SEE THINGS DIFFERENTLY

Energetica represents the realisation of potential. What can we achieve? How can we go further, deeper and broader? Energetica is about seeing the bigger picture without losing sight of the detail. It's about creating space

to see things differently, to bring together the past and the present to create a vision of tomorrow. In short, to become the world's greatest hub of technology companies.

HERE, NOW AND ON THE HORIZON...

ABERDEEN INNOVATION AND ENERGY PARKS HAVE ENJOYED AN INTERNATIONAL REPUTATION AS CENTRES OF TECHNOLOGY EXCELLENCE AND INNOVATION SINCE THEY WERE FIRST ESTABLISHED IN 1989.

ENERGETICA INDUSTRY PARK (LOW CARBON)

A 22 hectare (55 acre) off-port development site which is a key business location and destination of choice for a wide variety of occupiers (office and industrial), less than 1.5km from the deep water facilities of Peterhead port. This low carbon industry and business park offers a range of serviced development plots situated in a sustainable, high quality, landscaped environment.

PETERHEAD DECOMMISSIONING LTD

PDL is a consortium of companies primarily based in Peterhead, established to service the offshore decommissioning market. The consortium members have considerable multi-industry experience which provides an integrated end to end approach to decommissioning with a focus on the onshore reception and disposal of assets.

EUROPEAN OFFSHORE WIND DEPLOYMENT CENTRE (EOWDC)

The EOWDC will consist of 11 turbines of between 4 and 10 Megawatts arranged in an array off the coast of Aberdeen. It will be a key demonstration centre for the technology needed to unlock the

potential of the wind resources in the North Sea and prove new, more efficient, cost effective and more productive turbines for UK Round 3 and Scottish Territorial Waters wind farms. This will place this region and Scotland at the forefront of innovative offshore wind power; encourage R&D and demonstration of new, more efficient turbine installation, operation and maintenance methods.

PETERHEAD POWER STATION - CCS OPPORTUNITIES

Scottish and Southern Energy (SSE) has applied to develop a Carbon Capture and Storage project at its gas-fired power station in Peterhead. The proposed project will design and develop a full chain, post-combustion CCS facility which will be capable of capturing the CO₂ from one 385MW combined cycle gas turbine unit at Peterhead Power Station. There is a potential opportunity here to create a new innovative industry; develop the supply chain and use subsea sector skills that are already resident in the area.

OCEANLAB

Oceanlab I and Oceanlab II form a unique facility specialising in exploration of the world's oceans using unmanned robot vehicles, ROV operated tools, and long-term undersea observatories. The Oceanlab buildings contain engineering laboratories, high pressure chambers, vibration tables, immersion tanks and

all the equipment needed to design, build and test deep-sea systems. This links customer contracts and test requirements to the expertise and facilities that brings onshore proving to offshore technology.

ABERDEEN RENEWABLE ENERGY GROUP (AREG)

Aberdeen Renewable Energy Group is an innovative public-private, not for profit, partnership that acts as a catalyst to develop the renewables industry and transfer forty years of existing oil and gas skills in Aberdeen City and Shire into renewables. AREG has also been instrumental in conceiving and facilitating flagship projects in Scotland, not least the European Offshore Wind Deployment Centre.

As a membership body, AREG is dedicated to harnessing the array of energy expertise rooted in the region and channeling it into renewable energy for the benefit of its members and the local and national economy.

AREG helps its members to access business opportunities through networking, events and information dissemination. Membership is open to individuals and organisations involved in renewables who are headquartered or have significant operations in Aberdeen City and Shire.

SCOTTISH EUROPEAN GREEN ENERGY CENTRE (SEGEC)

SEGEC's principal remit is to facilitate innovative, collaborative, low-carbon, infrastructure projects which deliver real benefits for Scotland, the UK and Europe. SEGEC works to secure investments from a range of public grants and private sector funds, including EU funding streams that have been allocated to support market and technology development.

Established in 2009, SEGEC has delivered over €110M of EU funding for low-carbon energy projects including €40M secured for the European Offshore Wind Deployment Centre and €74.1M secured towards a new Moray Firth Offshore HVDC hub. SEGEC has also provided support to a number of other projects including a CCS Regulatory Toolkit, Maldives Renewables Potential Project, NorthConnect Interconnector project, and recently facilitated two separate collaborative Marine energy bids for NER300 funding.

An independent, not-for-profit organisation, SEGEC is supported by the Scottish Government, ERDF, Scottish Enterprise, Highlands and Islands Enterprise, ScottishPower and SSE.

NATIONAL SUBSEA RESEARCH INSTITUTE (NSRI)

NSRI provides a focus for research & development, and a provision of training and academic research in

support of subsea operations such as next generation acoustic and non-invasive activation systems and controls; ultra deep water challenges; cross over between subsea Oil & Gas and marine renewables.

The following companies and organisations are subscribing members to NSRI : Subsea UK, Aker Solutions, Atkins, BP, Cameron, Chevron, CNR International, FMC Technologies, Fugro, Kongsberg, Lloyds Register, Nautronix, Nexen, Petrofac, Shell, Subsea 7, Talisman, Technip, Total, Wellstream International and Wood Group, as well as the Robert Gordon University and the Universities of Aberdeen, Dundee and Newcastle.

PORT OF PETERHEAD

The Port of Peterhead is the premier deep water port in the UK and Scotland's most easterly deepwater port, with all year round access. The port has close proximity to the major oil and gas fields of the Northern and Central North Sea. A 22 hectare (55 acre) off-port development site at Energetica Industry Park offers the potential for a satellite manufacturing operation, 1.5km (1 mile) from South Base. There is also office accommodation, warehousing and 4.5 hectares of open storage. Global companies and North Sea operators with head quarters in Peterhead include ASCO, The SCORE Group plc and Dales Engineering Services.

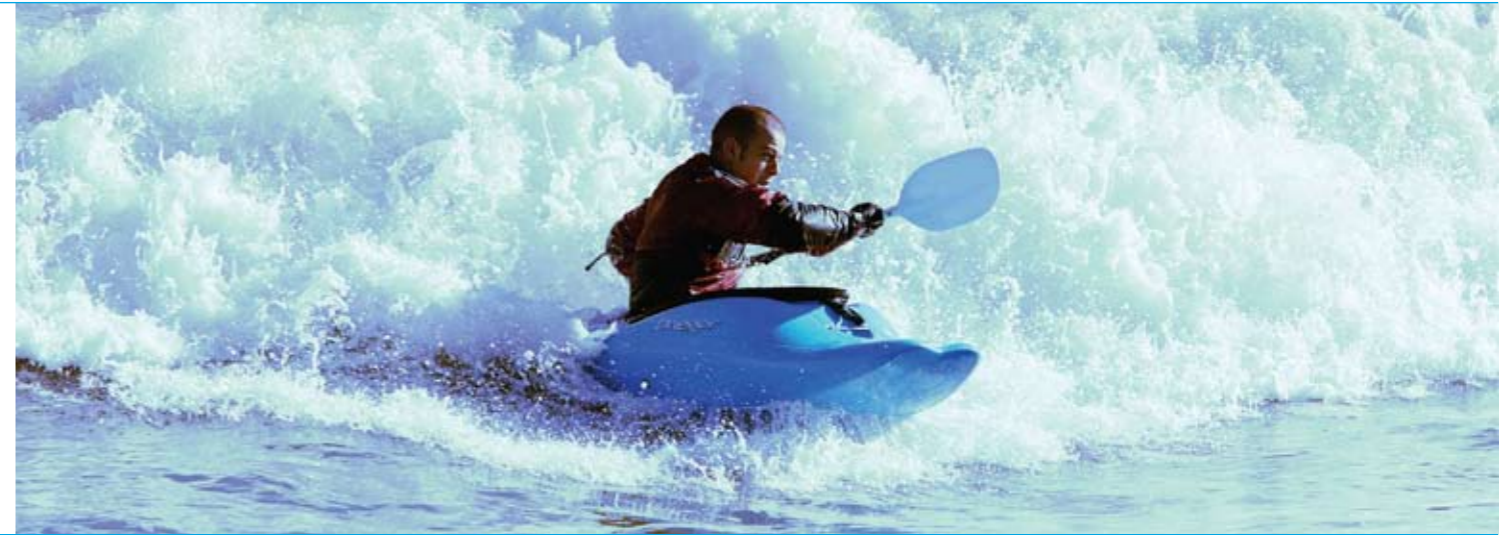
PETERHEAD ENERGY HUB (PEH)

PEH is a partnership between Peterhead Port Authority and ASCO.

The aim of PEH is to build on the established success in the oil and gas industry and become recognised as the international centre for subsea and renewable energy sectors.

ENERGETICA PLACEMAKING AND DESIGN

Energetica placemaking planning advice and Energetica placemaking supplementary guidance are drafted to create a unique, attractive and quality location to live and work founded on the principles of energy efficiency, sustainable sympathetic development and associated lifestyle quality. Rigorous stakeholder consultation will be undertaken in 2011.



TRANSPORT LINKS

ROAD CONNECTIVITY:

Aberdeen enjoys excellent road links with the Scottish and UK Motorway network to the main centres of population:

- Edinburgh - 2.30 hrs drive (203.4 km/126.4 miles)
- Glasgow - 2.45 hrs drive (234.5 km/145.7 miles)
- Dundee - 1.15 hrs drive (105.4 km/65.5 miles)

AIR CONNECTIVITY:

- Aberdeen Airport is the gateway to Europe's oil and gas capital, serving more than three million travellers a year.
- Aberdeen airport offers flights to over 40 destinations by some 20 airlines including London, Amsterdam and Paris which all have links to worldwide destinations.
- It is the world's busiest commercial heliport, transporting more than 500,000 passengers in support of the North Sea oil and gas industry.

RAIL CONNECTIVITY:

Aberdeen Station has regular rail services to Glasgow and Edinburgh as well as long distance trains to London. Regular trains also run north westerly towards Inverness, stopping at Dyce, from where the Dyce Air link shuttle bus connects to Aberdeen Airport.

WHERE IS ENERGETICA?

Energetica is located in Aberdeen City and Shire in the North East of Scotland. The area enjoys good links with the rest of Scotland, the UK and Europe, with good road and rail links and a busy international airport.



WHAT DOES THE FUTURE LOOK LIKE TO YOU?



**ANDREW BOOTH,
MANAGING DIRECTOR,
THE STORE**

“ Being fourth-generation farmers, we have a particularly close connection with the land and the region. It's what helps us to produce the finest Aberdeen Angus and grass-fed lamb you'll ever taste!

I first heard about Energetica in a national newspaper. I think people's perceptions are that it'll just bring benefits to local industrial companies. I disagree. I feel it'll be a huge boost to our business. It's going to help put the coastal path north of Aberdeen on the map, increasing awareness of our

brand, which in turn should result in more trade for The Store and other local businesses. And with the planned upgrades to the local road networks, we'll be able to spread our wings and attract day trippers from Aberdeen and further afield.

I have a vested interest in Energetica succeeding as Foveran is half way along the corridor, but I also have a passion for our area. If they do it right, it'll be a huge boost for the local economy and generate a lot of extra income for local communities. I'm keen to be a part of that. ”





**JAMIE MARR,
OPERATIONS DIRECTOR,
ASCO**

“ ASCO started life back in 1967 and operates out of bases across the world.

The company is now a leading international Oil & Gas logistics company employing over 1,500 people worldwide.

We provide a range of services to our clients, which includes many of the world's major operators and large service companies.

These services consist of offshore logistics such as running supply bases and marine and quayside management services; onshore logistics such as inventory and materials management, rig moves and transportation to name a few.

In addition to the oil and gas industry, ASCO is using its experience and its proven and established infrastructure to support the renewable energy market, particularly in the UK via its key logistics hubs in areas such as Aberdeen and Peterhead.

ASCO is pleased to support the work of Energetica, particularly through its commitment to the “northern gateway” in Peterhead, which is planned to become a centre for offshore decommissioning and subsea development as part of the growing marine renewables sector. ”



**RAYMOND PIRIE,
VICE PRESIDENT OF
UPSTREAM SERVICES,
INTERTEK**

“ Since 1978 Intertek has provided analytical laboratory services in Aberdeen supporting oil and gas production operations. From its humble beginnings the Aberdeen operations have grown significantly and now employ around 250 scientific and engineering staff.

Our aim is to consolidate and build on our energy technology position in

the oil and gas sector and contribute to Scotland's competitive advantage in the emerging renewables market.

Energetica will provide Intertek connectivity to other energy related companies where we can contribute collectively to the innovative solutions required to deliver efficiency and sustainability in local and international energy markets. ”





Mixed Sources

Product group from well-managed forests and recycled wood or fiber
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**PIONEER
GLOBAL
LEADER
KNOWLEDGEABLE
SMART
TOUGH**



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