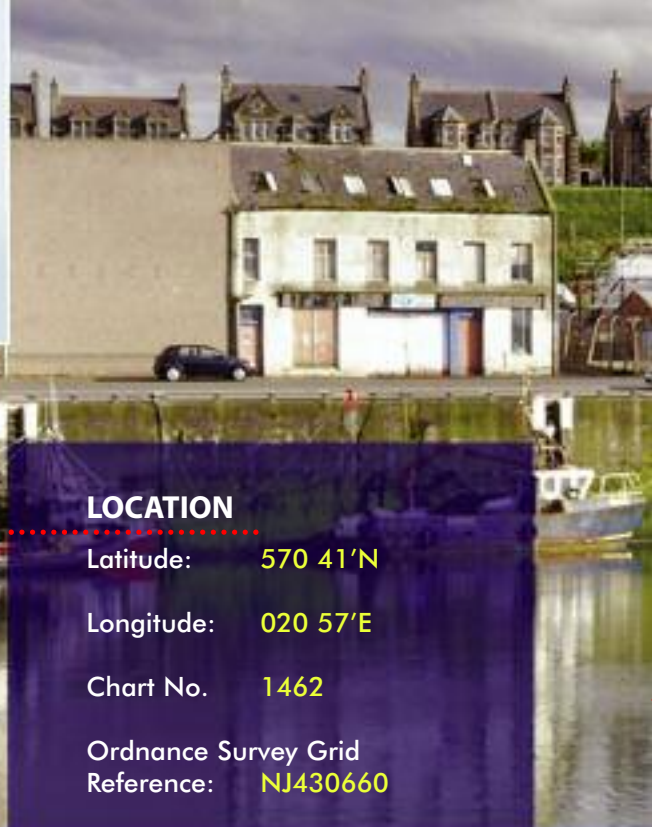
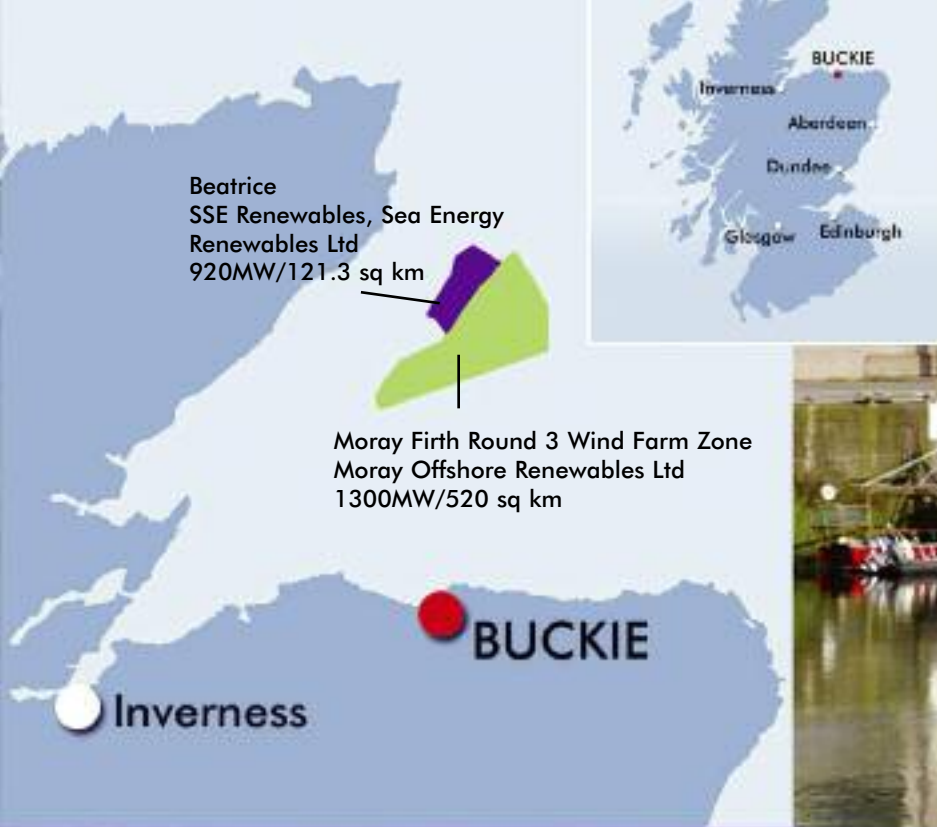




OPPORTUNITIES FOR OFFSHORE RENEWABLES

OPERATIONS & MAINTENANCE

.....



LOCATION

Latitude: 57° 41' N

Longitude: 02° 57' E

Chart No. 1462

Ordnance Survey Grid Reference: NJ430660

OVERVIEW

Buckie Harbour is located on the south side of the Moray Firth coastline. The Beatrice Demonstrator turbines are currently serviced from the Harbour which is home to successful manufacturing, ship-building, boat repair, cargo handling and fishing businesses.

LOCAL BUSINESSES

Moray is the natural location to establish a business within the renewable energy sector. Our area has an established and sophisticated engineering and fabrication manufacturing base born from traditional land based industries and sectors evolving in to oil and gas across the last three decades. This base today boasts 2nd and 3rd tier subcontractation across the whole of that supply chain with renewable energy now rapidly developing as their next and natural sector of interest and capability. A number of our businesses have the necessary pre-qualifications to feature on preferred sub-contractor lists for procurement and all have a multi-skilled workforce which can transit from one sector to the next with relative ease.

Our manufacturing and production capabilities includes, but is not limited to; heavy and light fabrication in all metals, ship building, pipe work, electrical engineering (controls and highly specialised), construction, precision engineering, R&D and design, hydraulics, coating and many other key supply chain services.



KEY DISTANCES

Beatrice Offshore Windfarm:

36 miles

Moray Offshore Windfarm:

25 miles

Beatrice Oil field & Demonstrator

Turbines: **31 miles**

TRANSPORT LINKS

Buckie (population: 8,023) is located on the A98 trunk road between Inverness (56 miles) and Aberdeen (63 miles). Both Inverness and Aberdeen can be reached by road in around one hour and Edinburgh and Glasgow within 3 hours.

From Buckie, most major UK towns and cities are within a legal day HGV driving, reaching 90% of the total UK population.

Buckie is well linked to air services in Aberdeen (Dyce) and Inverness. Within one hour's drive of Buckie, there are 138 flights per week including 35 flights to London airports and a daily connection into the international hub at Amsterdam. Aberdeen Airport at Dyce currently serves 57 international locations.

COMMUNICATION

Local BT Exchange

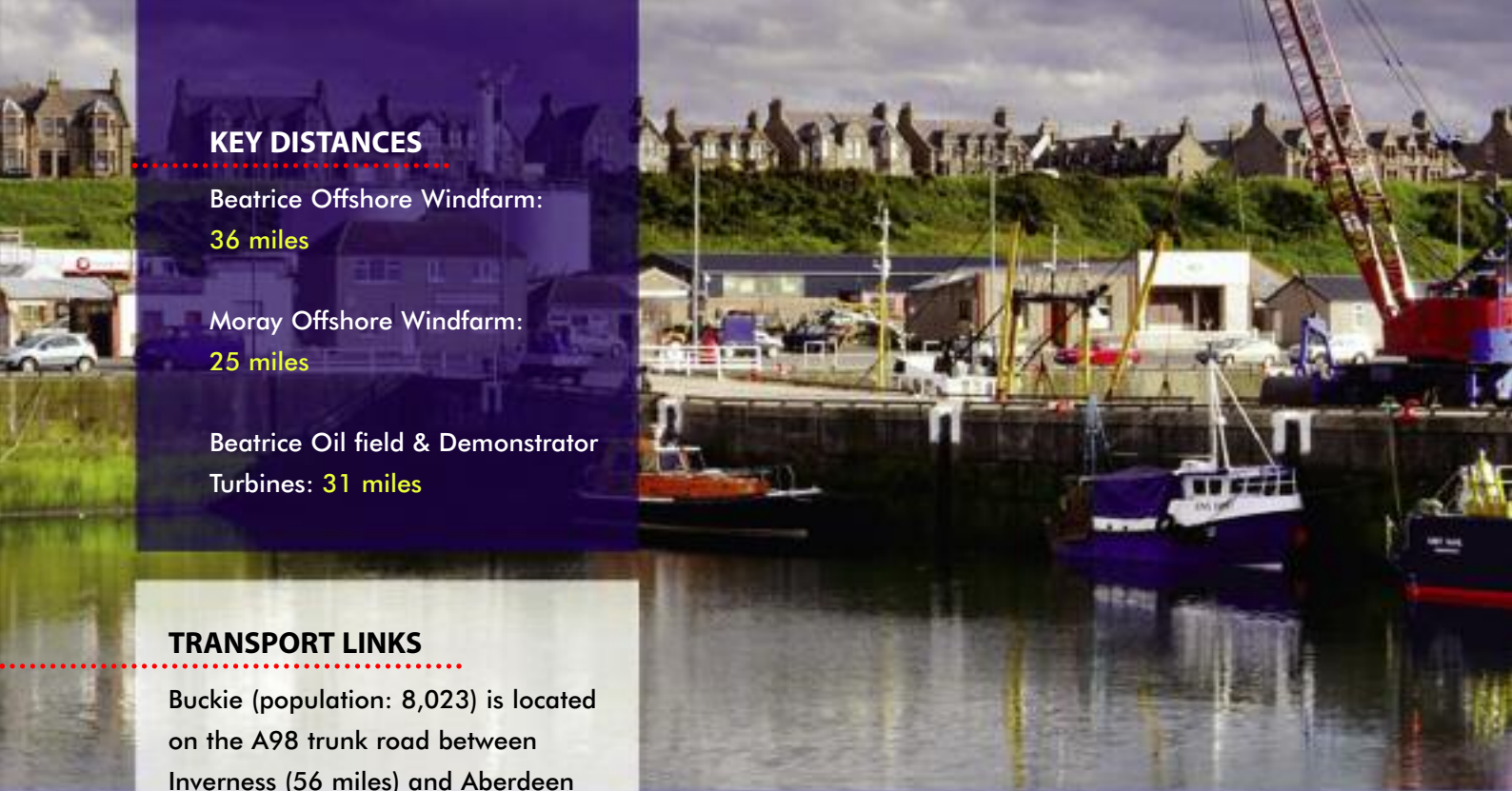
VHF Communication: Contact harbour office on VHF channel 16, working channel 12.

Broadband: Buckie is one of 22 Scottish communities in the latest roll-out plans of BT's next generation copper broadband service. This will make broadband speeds up to 20 megabits per second (Mbps), more than double the maximum speeds available to the majority of UK homes and businesses.

ONSHORE INFRASTRUCTURE

Scottish Hydro Electric Telecommunications Ltd (SHETL) cable connecting electricity generated from renewable sources in the Shetland Isles to the mainland for the first time and potentially Caithness to the Moray Coast will come onshore at Portgordon (5 kms to the west of Buckie) and connect to a converter station at Blackhillock, near Keith.

The Beatrice offshore windfarm cable will also come onshore at Portgordon and connect to a converter station at Blackhillock, near Keith.



DEVELOPABLE AREAS

- | | |
|---------------------------------|--------|
| 1) BARRON STREET | 0.25ha |
| 2) BANK STREET | 0.5ha |
| 3) OLD STATION YARD | 0.7ha |
| 4) COMMERCIAL ROAD | 0.08ha |
| 5) COMMERCIAL ROAD | 0.8ha |
| 6) FREUCHNY ROAD/
MARCH ROAD | 0.55ha |
| 7) MARCH ROAD | 0.45ha |
| 8) IANSTOWN | 1.4ha |



Reproduced from the Ordnance Survey map with the permission of the Controller of Her Majesty's Stationary Office Crown Copyright 2012. The Moray Council 100023422

DEVELOPMENT

INDUSTRIAL LAND

A number of existing buildings are available at the quayside for use together with vacant land. The harbour is identified in the Moray Local Plan 2008 (MLP 2008) for industrial purposes and as such, there is a presumption in favour of industrial uses, including offices.

The March Road Industrial Estate is in close proximity to the harbour. There are buildings and land within the industrial estate available for employment generating uses. Land immediately adjacent the existing industrial estate is identified in the MLP 2008 for the expansion of industrial land and a business park is identified on the northern edge of the town.



DEVELOPABLE AREAS

Various buildings at the harbour include the former fish market which has direct quay and roadside access, and former museum (Buckie Drifter) which is in good condition and has large flexible spaces capable of conversion, canteen facilities, large glazed elevations providing excellent views across the harbour and Moray Firth beyond, and parking.

Vacant land in public ownership includes the cleared former railway station site directly opposite the harbour and cleared former boatyard with a waterside location provide possibilities for external laydown areas. There are a number of other large sites within private ownership in the immediate harbour vicinity.



PORT INFRASTRUCTURE

LENGTH OF USABLE QUAY

Basin 1: 330 metres

Basin 2: 250 metres

Basin 3: 250 metres

Basin 4: 300 metres

TIDAL RANGE

Tidal range is 4.8 metres max.

VESSEL SIZE & ACCESS

Maximum vessel length: 86 metres

Maximum beam: 15 metres

Maximum draught: 4.5 metres

OPERATION

The harbour office is open 24 hours, 7 days per week throughout the year.

CRANEAGE

Stevendore facilities are available from North East Stevedoring Ltd who also operates bulk cargo sheds at the West Basin totalling 1350 sq metres in area.

PLANNING

The port is owned and managed by the Moray Council (Transportation Services) and has permitted development rights for harbour related activities.

UTILITIES

- Sheltered harbour entrance – very rarely closed due to bad weather
- Public weighbridge at harbour office
- Bunkering available by road tanker from local suppliers, 24 hours, delivering gas oil, marine diesel, petrol and marine lubricants. Waste oil collection service available.
- Electric power and mains water available on main working quays.
- Compliant with ISPS
- Fire station located on East Cathcart Street
- RNLI Lifeboat berthed in Basin 4

HELICOPTER FACILITIES

Aberdeen Airport at Dyce is located 60 miles from Buckie where Bond Offshore Helicopter Headquarters and Bristow European Operations are based. Inverness Airport (Dalcross) is 48 miles west with direct links to Gatwick, Luton, Manchester, Birmingham, Northern Isles, Netherlands and Germany.

Nether Dallachy former airfield is located 5 miles west of Buckie. Kinloss Airbase is located 27 miles west of Buckie. There may be other opportunities within the town or in the immediate vicinity of Buckie for helicopter landing or helipad facilities.



SKILLS & TRAINING

KEY FACTS

- Moray has an estimated 87,000 people with approximately 43,800 in employment, and a growing population.
- Energy, Water and Manufacturing employment in Moray accounts for the highest share of employees in the Highlands and Islands (17%) compared with an average 9.7% for the Highland's and Island's and 10.5% for Scotland.
- There are over 500 engineering employees in Moray and 5,200 manufacturing employees (excluding RAF personnel).
- There is a pool of labour with experience in oil and gas as knowledge that could be transferred across to similar environments such as offshore wind.
- The area has access to a wider labour pool with 115,930 people (working age) within one hour's drive of Buckie. 16% are recognised as having a skilled trade which is stronger than the Scottish average of 11%.
- Working age residents are more likely to work longer and are paid less than the average for Scotland.
- Buckie is a traditional fishing town with a wealth of knowledge and skills in skippering and seafaring.





MINISTRY OF DEFENCE (MOD)

- Within Moray, there are two MOD bases at Kinloss and Lossiemouth. RAF Kinloss was handed over to an engineering division of the Army in summer 2012 with over 900 army personnel providing engineering support to the RAF and Army moving to Kinloss.
- Army retirement age is 40 and RAF is 55 although earlier in some cases. Many seek employment in the area after they retire providing a steady flow of skilled labour into the local labour market.
- Many former MOD personnel wish to remain in Moray. Those who have secured employment out-commute and continue to reside in the area.
- Extensive retraining is available to military service leavers. Many are entitled to Free Learning Credits. A significant proportion of ex-service personnel satisfy the criteria to complete an MSc in Renewable Energy at Heriot-Watt University.
- OPITO are running several transition courses to re-train ex military and other skilled personnel for the oil and gas sector and some Moray service leavers are participating in this.
- Broad occupation categories of RAF personnel include: Electronic Engineering, Aircraft Engineering, General Engineering, Mechanical Engineering, Electrical Engineering, Motor Mechanics, Driver (HGV/Forklift), Security, Health & Safety, Logistics, Airframe, Propulsion and Avionic Technicians, Warehouse Operatives, Technical Aircrew, Officers and Managers. Many personnel complete other civilian-recognised standard courses during their career.

EDUCATION/TRAINING

- Buckie is in close proximity to Banff & Buchan College (Fraserburgh) who has specialist skills in engineering and nautical disciplines, and Moray UHI (Elgin) who has learning centres in Nairn, Forres, Keith and Buckie.
- Moray UHI is part of the UHI network which spans the whole of the Highlands and Islands. UHI are one of the largest users of videoconferencing in the UK which is used for teaching, hosting seminars and meetings across the network. Students can attend courses taught in other UHI colleges (i.e. Stornoway) without incurring the need to travel.
- Moray UHI offer courses in engineering, renewables and building and construction together with short courses in Electrics and Testing that meet industry standards.
- Moray UHI work with Secondary Schools to offer pupils Skills for Engineering awards.

CONTACT US

**HARBOUR TECHNICAL ADVICE
& TRANSPORTATION MATTERS**
The Moray Council, Transportation
Tel: 01343 563791

PLANNING & ECONOMIC DEVELOPMENT
The Moray Council, Planning and Development
Tel: 01343 563287

PROPERTY ENQUIRIES
The Moray Council, Estates Section
Tel: 01343 563296

FOR BUSINESS SUPPORT & INVESTMENT
Highlands and Islands Enterprise (HIE)
Tel: 01309 696000
www.hie.co.uk

FOR HARBOUR MATTERS
Harbour Office,
The Moray Council,
Commercial Road, Buckie
Tel: 01542 831700



Photos courtesy of HIE, Talisman and Scotavia Images
Designed by Planning & Development
© The Moray Council
Tel: 01343 543451 www.moray.gov.uk

