

**Invest**  
**North Tyneside**

# OFFSHORE WIND FACILITIES ON THE RIVER TYNE

MANUFACTURING / O&M / OFFICES



[www.investnorthtyneside.co.uk](http://www.investnorthtyneside.co.uk)

# WHY CHOOSE NORTH TYNESIDE?

## PRIME CENTRAL LOCATION

With direct access to the North Sea, North Tyneside is ideally placed to service the offshore energy sector – including one of the world's largest offshore wind markets.

The Tyne has the capacity to become a major hub for the installation and maintenance of offshore wind farms and service the supply chain that will grow from it as well as building on its existing reputation in the oil and gas sector.



**5000**  
ENERGY RELATED  
BUSINESSES IN NORTH  
EAST ENGLAND, A 60%  
GROWTH OVER THE  
PAST FOUR YEARS

## STRONG SUPPLY CHAIN

With over 5,000 energy related businesses located in the region, the North East of England boasts a well-established offshore energy supply chain cluster with an international reputation for excellence in oil and gas, subsea technology, marine engineering and offshore renewables.

Leading companies such as SMD, JDR Cables, Royal IHC, Baker Hughes, a GE Company, Technip, A+P, Smulders Projects UK, Bridon-Bekaert are already based and operating in the region.



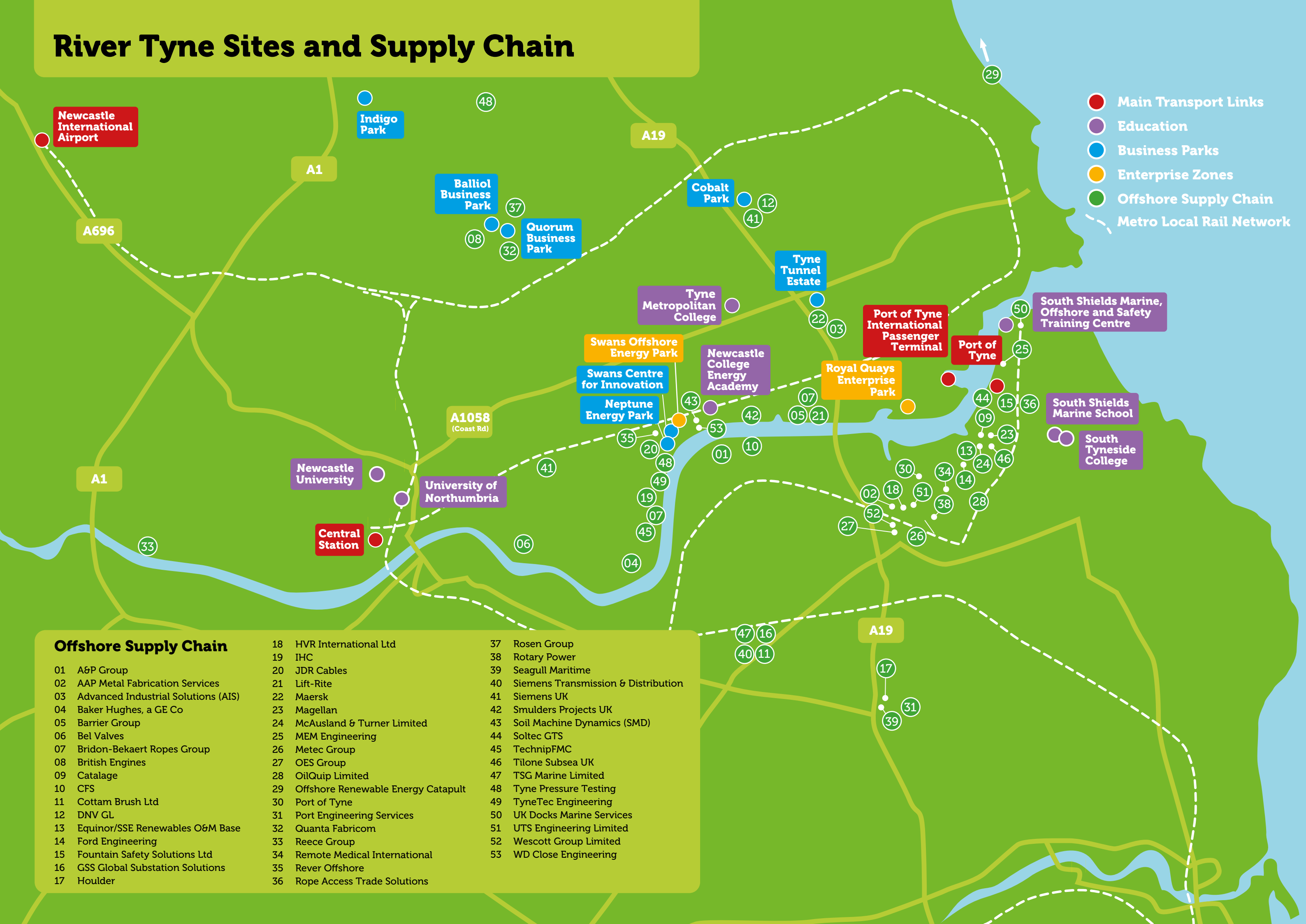
**FULLY OPERATIONAL  
DEEP WATER QUAY  
WITH DRAUGHT  
UP TO 13.5M**

**5.5GW**  
OF CONSENTED  
DEVELOPMENT WITHIN  
100NM OF THE RIVER TYNE





# River Tyne Sites and Supply Chain



- Main Transport Links
- Education
- Business Parks
- Enterprise Zones
- Offshore Supply Chain
- - - Metro Local Rail Network

## Offshore Supply Chain

- |  |                                       |  |
|--|---------------------------------------|--|
| 01 A&P Group                           | 18 HVR International Ltd              | 37 Rosen Group                         |
| 02 AAP Metal Fabrication Services      | 19 IHC                                | 38 Rotary Power                        |
| 03 Advanced Industrial Solutions (AIS) | 20 JDR Cables                         | 39 Seagull Maritime                    |
| 04 Baker Hughes, a GE Co               | 21 Lift-Rite                          | 40 Siemens Transmission & Distribution |
| 05 Barrier Group                       | 22 Maersk                             | 41 Siemens UK                          |
| 06 Bel Valves                          | 23 Magellan                           | 42 Smulders Projects UK                |
| 07 Bridon-Bekaert Ropes Group          | 24 McAusland & Turner Limited         | 43 Soil Machine Dynamics (SMD)         |
| 08 British Engines                     | 25 MEM Engineering                    | 44 Soltec GTS                          |
| 09 Catalage                            | 26 Metec Group                        | 45 TechnipFMC                          |
| 10 CFS                                 | 27 OES Group                          | 46 Tilone Subsea UK                    |
| 11 Cottam Brush Ltd                    | 28 OilQuip Limited                    | 47 TSG Marine Limited                  |
| 12 DNV GL                              | 29 Offshore Renewable Energy Catapult | 48 Tyne Pressure Testing               |
| 13 Equinor/SSE Renewables O&M Base     | 30 Port of Tyne                       | 49 TyneTec Engineering                 |
| 14 Ford Engineering                    | 31 Port Engineering Services          | 50 UK Docks Marine Services            |
| 15 Fountain Safety Solutions Ltd       | 32 Quanta Fabricom                    | 51 UTS Engineering Limited             |
| 16 GSS Global Substation Solutions     | 33 Reece Group                        | 52 Wescott Group Limited               |
| 17 Houlder                             | 34 Remote Medical International       | 53 WD Close Engineering                |
|  | 35 Rever Offshore                     |  |
|  | 36 Rope Access Trade Solutions        |  |

# CASE STUDIES

## SOIL MACHINE DYNAMICS

Soil Machine Dynamics (SMD) is a world-leading industrial robotics company, based in North Tyneside, that designs, assembles and commissions integrated robotics solutions and remote intervention equipment.

The business has its head office in the borough, with bases in Singapore and China.

Mike Jones, the company's CEO, who relocated to the North East, believes that the area has significant assets that make it an attractive base for businesses in the offshore, new and renewable energy sector.

"Here, we have the skills. We have the right people in engineering, with technical skills, but also there is a real 'can do' attitude in people, both in design and innovation, but also in making things and that's a big reason to be in North Tyneside," explains Mike.



"It's well known the North East has one of the lowest costs of living in the UK, particularly when we compare ourselves to places like Aberdeen, where costs have risen dramatically since the oil and gas boom.

"Though costs are lower, the standard of living is very good. There's good homes and schools, great universities, beautiful countryside and beaches and all of that leads to the region being a great place to live."

[WWW.SMD.CO.UK](http://WWW.SMD.CO.UK)

## REVER OFFSHORE

Rever Offshore, formerly known as Bibby Offshore, is a leading specialist provider of fully integrated subsea construction and offshore management services to a varied client base throughout the offshore energy industry.

The company operates a trusted fleet of subsea support vessels and advanced remotely operated vehicles (ROVs). Its diverse range of services include; full in-house project management and engineering services to support EPIC project delivery, subsea construction, subsea inspection repair and maintenance, decommissioning services, flexible flowline and umbilical installation, survey and inspection and saturation/air diving services.



By remaining independent and focused on what it does best, Rever Offshore adds value through expert insight and unrivalled expertise across specialist subsea areas. By always listening, learning and improving, the company will continue to deliver subsea operational success.

Having a presence in the region through its Engineering Project Office located in Swans Centre for Innovation, North Tyneside, Rever Offshore is able to benefit from the many services which are based in the region and also build strong relationships across its supply chain.

[WWW.REVEROFFSHORE.COM](http://WWW.REVEROFFSHORE.COM)

# REASONS TO CHOOSE NORTH TYNESIDE

 **30%**  
**SAVING ON NORTH  
EAST OFFICE COSTS  
COMPARED TO  
EDINBURGH AND  
ABERDEEN AND  
1/5 CHEAPER  
THAN LONDON**



**TWO  
ENTERPRISE  
ZONE SITES**

## EXCELLENT RIVERSIDE SITES

A number of quayside and riverside locations are available, some with infrastructure already in place, enabling companies to set up operations quickly, conveniently and cost-effectively.

### SWANS OFFSHORE ENERGY PARK

Located in Wallsend, Swans offers 12.94 hectares of development land with Enterprise Zone status for the offshore energy, subsea and marine industries. The riverside site provides a fully operational 300m deep water quay with draught of up to 9.1m and heavy load out facilities at up to 10 tonne per m2.

### SWANS CENTRE FOR INNOVATION (CFI)

The Swans CFI provides state-of-the-art serviced office accommodation on the banks of the River Tyne. The CFI offers a range of fully refurbished offices to suit all businesses, from start-ups to established companies, in the renewable and offshore energy sectors. With over 1,500 sq m of space and benefits including superfast broadband, staffed reception, meeting and conferencing facilities, the Swans Centre for Innovation provides an exciting opportunity for office-based businesses to be part of this dynamic community.

### ROYAL QUAYS ENTERPRISE PARK

Located in North Shields, Royal Quays Enterprise Park is a large development area of up to 20 hectares, connected to the multiple River berths at Whitehill Point and the International Ferry & Cruise Terminal capable of accommodating vessels up to 300m in length. The site has Enterprise Zone status offering enhanced capital allowances and a simplified planning regime.

### EQUINOR/SSE RENEWABLES O&M BASE

The two companies behind the world's biggest offshore wind farm, Dogger Bank, will build a new Operations and Maintenance (O&M) Base at the Port of Tyne's Tyne Dock Enterprise Park.

The new multi-million pound facility, which includes both office space and a warehouse, will be the onshore base for Equinor's teams ensuring the efficient operation of the wind farm. The flagship project is expected to generate over 200 direct jobs in the region, as well as opportunities for companies at all levels of the supply chain. The Dogger Bank Wind Farm is estimated to trigger a total capital investment of approximately GBP 9 billion between 2020 and 2026.

## RELEVANT EXPERIENCE AND SKILLS

The region's heritage of excellence in heavy and marine engineering, shipbuilding and offshore oil and gas extraction has resulted in a highly skilled, available workforce with 28,045 employees working in the North East energy sector. Its capacity in production engineering is particularly relevant to high-volume offshore development.

## WORLD-LEADING RESEARCH AND INNOVATION

The region has a fantastic array of world-class R&D and testing facilities such as the National Offshore Renewable Energy Catapult Testing facility and Tyne Pressure Testing.

### KEY SKILLS INCLUDE:

- > Cable and umbilical manufacturing and expertise
- > Ploughing, laying and subsea cable connection
- > Sea bed operations and undersea connection
- > Project management and design engineering techniques
- > Specialist logistics and professional services
- > Marine engineering and general engineering services

## TRAINING EXCELLENCE

There are a number of colleges in the area delivering bespoke training for tomorrow's energy workforce including South Shields Marine School, an OPITO approved training centre with a worldwide reputation for outstanding maritime training. The Energy Academy in North Tyneside delivers qualifications from Level 2 through to degree level in energy technologies, manufacturing and maintenance. AIS and Maersk Training also offer specialist courses for the offshore oil & gas, wind energy and industrial sectors from their state-of-the-art industrial training facilities in the region.



**51,000**  
**STEM STUDENTS IN THE NORTH  
EAST'S UNIVERSITIES - MORE  
THAN ANY OTHER UK REGION**

  
**TOTAL OF  
33  
HECTARES  
OF DEVELOPMENT LAND**





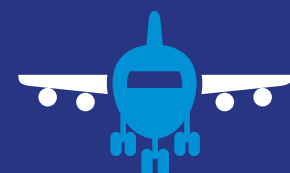
# WELL-CONNECTED INFRASTRUCTURE

The region is served by Newcastle International Airport, with over 80 direct destinations, including daily flights to Aberdeen, London, Dubai, Amsterdam and Paris. Newcastle City Heliport is also ideally located within walking distance of Newcastle Central Station to service offshore wind projects, including Dogger Bank. The national rail network is within easy reach, many direct trains from Newcastle allow executive and workforce movement throughout the UK, with London being less than 3 hours away by train. The Port of Tyne offers direct sea connections to 5 continents across the world.

High quality public transport includes an extensive bus service and the Tyne and Wear Metro, the second largest light rail system in the UK after the London Underground. Covering 60 stations across the region, the Metro directly links major employment sites along the River Tyne with residential and retail areas, as well as the airport and Newcastle Central Station.

# LOWER OPERATING COSTS

The typical cost saving for employing an engineering in the North East is over 25% compared to Greater London, over 7.5% cheaper than Aberdeen and over 48% compared to other major European cities. Office costs are over 30% lower than in Scotland, half as costly as those in Paris and over two-thirds cheaper than Greater London. Industrial costs are also over 29% cheaper than Edinburgh and Aberdeen and almost three-quarters lower than South East England and Greater London.



**REGULAR FLIGHTS FROM NEWCASTLE INTERNATIONAL AIRPORT TO OVER 80 DIRECT DESTINATIONS, INCLUDING DAILY FLIGHTS TO LONDON, DUBAI, AMSTERDAM AND PARIS**



**EASY ACCESS TO NORTH SEA  
96 NAUTICAL MILES TO DOGGER BANK**

# ACCESS TO FUNDING SUPPORT

Businesses locating to North Tyneside may be eligible for a North of Tyne Inward Investment Grant of up to £1m depending on the requirements of the project.

North Tyneside is also home to two Enterprise Zone sites for high quality industrial development, all with easy access to deep water ports. Enterprise Zone benefits include enhanced capital allowances for investment in new plant and machinery.

# HERE TO HELP

Our team is on hand to provide a co-ordinated and single point of contact to help you to set up and grow your business on North Tyneside. This hands-on support includes:

- > Finding the right commercial property, premises and land
- > Sector specific information and introductions to contacts and networks
- > Recruitment and training support
- > Practical relocation support
- > Funding advice, support and guidance
- > Access to professional services and specialist support
- > Ongoing support to help you grow and deliver successful projects

# PORT OF TYNE SERVICES

The Port of Tyne facilities are available to support the day-to-day needs of the offshore sector, providing a safe haven that's open every day of the year. The Tyne is the perfect base for cost-effective maintenance, testing, layby, spooling, ship repair, bunkering, storage, supply, support, crew change and other activities.

With fast and easy access to the North Sea, Port of Tyne is perfectly placed to provide support for companies operating in the wind, oil & gas and decommissioning sectors.

## KEY SERVICES INCLUDE:

- > 13.5m deep draft
- > Reliable, year-round, lock-free access
- > No air draft restrictions
- > Layby berths mean no queueing offshore

# SOFT LANDING PROGRAMME

Businesses looking to locate on North Tyneside from outside of the North East region can benefit from a comprehensive range of help and practical assistance to make your move that little bit easier. We have joined forces with a range of private sector partners to offer an inclusive package of support including:

- > Free office space while you set up in the region
- > Discounted professional consultancy including legal, accountancy and recruitment services
- > Reduced rates for local hotels and serviced apartments

To discuss your company's requirements in more detail and to find out if the Soft Landing Programme is right for your business, please speak to a member of our team.



**48%**

**TYPICAL COST SAVING FOR RECRUITING AN ENGINEER COMPARED TO OTHER EUROPEAN CITIES, 25% COMPARED TO LONDON AND 7.5% COMPARED TO ABERDEEN**

# AN ENVIABLE QUALITY OF LIFE

The North East offers an enviable quality of life and is rich in culture, historical attractions, World Heritage Sites and dramatic landscapes. The region is one of the most beautiful, vibrant, exciting and thriving places to live and work and offers a good quality of life with stunning living locations spanning all price brackets in a variety of settings.

A wide variety of entertainment and attractions are on offer including exceptional art galleries and venues such as Baltic, Laing Art Gallery, Customs House and the world renowned Sage Gateshead. Retail therapy comes in abundance from boutique outlets and market towns to Europe's largest shopping centre, The Metrocentre, which has over 330 stores, a cinema complex and food village.

The area has a proud footballing tradition with Newcastle United and Sunderland AFC plus we boast premier ship Newcastle Falcons Rugby team and the Emirates Durham County Cricket Club. For the more active-minded the North East offers surfing along the stunning coastline, the coast-to-coast cycle trail to Carlisle and the world's largest half marathon, the Great North Run which attracts more than 55,000 participants each year.



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## AT THE HEART OF A REGION THAT IS HOME TO:

**A&P**

**SMD**

**TechnipFMC**



**SMULDERS**

**MAERSK**

**REVER OFFSHORE**

**BRIDON · BEKAERT**  
THE ROPES GROUP

**Baker Hughes**

**AIS TRAINING**

**IHC**

**Shepherd Offshore**



North Tyneside Council