Marine energy and offshore wind
South west company directory 2015
8th edition

Our supply chain directory includes carefully selected companies who are either active in the offshore renewable energy supply chain or that have a high degree of potential to expand their business into the sector. The list contains over 350 companies, a testament to the growth of the supply chain in the south west.

The directory and the online database (www.regensw.co.uk/directory) are one part of the supply chain development activity that Regen SW has undertaken over the past 11 years.

The categorisation structure in this edition of the directory has been updated from the previous edition and now reflects the national structure that Regen SW has been developing with the ORE Catapult and national supply chain database holders.

To find out more about Regen SW’s supply chain work, please contact one of the Offshore Team.

Johnny Gowdy and Ian Godfrey
Offshore renewable energy represents a massive economic opportunity for the UK supply chain.

With core strengths in marine operations, engineering and marine sciences, companies based in the south west of England are playing a key role in the growing offshore renewable energy industry.

Many of these companies are diversifying into this new market from the region’s existing marine engineering, aerospace, manufacturing, composites and defence industries bringing with them the skills and capabilities that the sector will require in order to commercialise and deliver cost effective, low carbon energy.

A key feature of the south west business community is the concentration of innovative companies that are actively engaged in partnerships with technology developers and who are willing to invest to provide innovative and cost effective solutions.

Through its designation as a Marine Energy Park, the south west has developed a strong partnership with industry, academia and the public sector to promote marine renewable energy, attract investment and create a business environment to accelerate the commercialisation of marine energy technology.

The strength of the supply chain, the fantastic energy resources around the coast and the region’s excellent research facilities, have put the south west at the forefront of the marine energy sector.
Offshore energy resources

The south west offers developers and project investors a broad portfolio of tidal, wind and wave energy resource areas. With good access to the grid and centres of population this strong resource is matched by strong local demand for energy.

Wave energy

With a peninsular facing into the prevailing westerly oceanic swell, waves in the south west contain a great deal of energy - typically 15-25 kw/m off the north Cornish coast, increasing to 35-40 kw/m in the area around the Isles of Scilly. While these waves are powerful, storm conditions that would challenge the survivability of wave energy devices are less extreme; an important element in early technology development.

Offshore wind

With thousands of miles of Atlantic fetch and a south westerly prevailing wind, the region is well positioned for the exploitation of offshore wind energy through developments such as the Navitus Bay wind farm, Dorset. Whilst the demise of the Atlantic Array offshore wind farm project in 2013 was disappointing, prospects for offshore wind in the region are good. The development of innovative floating offshore wind foundations will be key to accessing much of the resource in the deep waters around the peninsula.

Tidal energy

At 14 meters, the Bristol Channel has one of the highest tidal ranges in the world, with the potential to make a major contribution to the UK’s low carbon energy supply.

The south west also has significant tidal stream resource with flow speeds in excess of 2.0-2.5 m/s along the north Devon and Somerset coast as well as off the coast of Portland and the Isle of Wight.

With tidal range projects such as the Swansea Bay tidal lagoon having received planning permission and progress being made at the tidal stream Demo Zone in North Devon (designated by The Crown Estate), tidal energy continues to present a strong, future opportunity for low carbon energy in the region.
Technology developers

**Tidal energy technology**

The world’s first tidal stream turbine was designed in Bristol and installed off Lynmouth in 2003 by Marine Current Turbines and IT Power. The region’s reputation as a centre for research and development of tidal energy technology has grown ever since, spawning a highly capable technology development supply chain.

Today the south west has become one of the key clusters of tidal stream technology development companies anywhere in the world.

**Tidal energy technology developers**

- **Alstom** Bristol
- **Atlantis Resources Ltd** Bristol
- **Kepler Energy Ltd** Oxford
- **Longbay Seapower Ltd** Somerset
- **Tidal Energy Ltd** Cardiff
- **Tidal Lagoon Power Ltd** Cheltenham
- **TidalStream Ltd** Warwick
- **Tocardo** Netherlands
- **Sustainable Marine Energy Ltd** Isle of Wight

**Project developers**

- **Fortum** Finland
- **MT Tidal** Exeter
- **Simply Blue Energy** Ireland

**Wave energy technology**

The south west region’s strong wave climate, supply chain, test facilities and research capabilities provide all the elements that wave energy technology developers need.

The technology development offer in the south west includes concept testing and validation at Plymouth University’s world class wave tank facility – COAST; scale testing at FaB Test; early array testing at Wave Hub and the potential for full-scale commercial wave farms off the coast of the Isles of Scilly in a 35kW/m resource.

**Wave energy technology developers**

- **40South Energy Ltd** Italy
- **Atmocean** Aberdeen
- **Carnegie Wave Energy Ltd** Cornwall
- **Fred. Olsen Renewables** Norway
- **Marine Power Systems** Swansea
- **Offshore Wave Energy Ltd (OWEL)** Cornwall
- **Polygen** Derbyshire
- **Seabased** Sweden
- **Searaser** Devon
- **Seatriicity** Falmouth
- **Waves4Power** Sweden
- **Wello** Finland

NB. Technology developers included are either based in the south west or engaged with south west facilities.
The Partnership for Research in Marine Renewable Energy (PRIMaRE) is a network of world-class research institutions based in the south west of England.

PRIMaRE undertake research to address challenges facing the marine renewable energy industry at the regional, national and international level. The programme was relaunched at the start of 2014 to include a wider collaboration than the original PRIMaRE programme.

PRIMaRE is geographically aligned with the South West Marine Energy Park, providing a programme of research and a knowledge base to complement the industry focus of the Park.

The PRIMaRE partnership brings academic expertise and research as well as facilities and equipment to the supply chain in the south west.

The current PRIMaRE partners are:
- Plymouth University
- The University of Exeter
- The University of Bath
- The University of Bristol
- The University of Southampton
- Plymouth Marine Laboratories
- The Marine Biological Association
- Working with:
  - Wave Hub
  - The South West Marine Energy Park

We can help your business grow!

Sinclair Consultants is an established, SW-based provider of creative, cost-effective and results-driven corporate communications services to players in the renewable economy – large and small.

We offer expertise across business development, marketing, media relations, PR and public affairs, harnessing print, online and new media channels.

To find out how we can add value to your business, please contact:

Christopher Biggs
info@sinclair-consultants.com
Tel. 01803 868824
www.sinclair-consultants.com
Demonstration sites

Wave Hub

Located near the tip of the Cornish peninsula, Wave Hub is a purpose built 48MW grid-connected test site for wave and floating offshore wind energy technologies. Wave Hub Ltd also manages the Crown Estate Demonstration Zones, one for wave energy in Pembrokeshire and one for tidal stream in North Devon.

The Wave Hub facility, which is situated 16km off the coast of Hayle, provides four berths for the demonstration of wave energy devices over an 8 sq km site.

Wave Hub is linked to the UK’s electricity grid via a purpose built substation next to the new Hayle Marine Renewables Business Park. A fibre optic data connection carried by the shore-link cable gives technology developers the facility to monitor and control their devices remotely.

North Devon demonstration area, Lynmouth

Also operated by Wave Hub Ltd, the North Devon Tidal Energy Demonstration Zone is located off the coast near Lynmouth and Foreland point. Water depths at the site vary from 18-25m and mean spring flow speeds are up to 2.5m/s, making it an ideal site for testing prototype devices, materials, components and technologies designed to exploit shallower and more moderate tidal flows.

PTEC, Isle of Wight

Currently under development, the PTEC tidal array test centre will offer device and project developers the opportunity to test arrays of tidal turbines using dedicated electrical infrastructure in the strong resource to the south of St Catherine’s point.

FaBTest

The Falmouth Bay Test site (FaBTest) is a pre-consented 2 sq km wave energy test site allowing testing of up to three devices concurrently. Developed in response to industry requests for an area to test part-scale models of wave energy devices in dynamic environments, the site offers water depths of 20-50m, a moderate wave climate and rock, gravel and sand seabed.

Whilst not grid connected, FaBTest provides a stepping stone from proof of concept to full-scale deployment.

PolyGen deployed their full scale Volta device in the summer of 2015. Plans are at an advanced stage for the next wave of technology developers to deploy at FaBTest, including Marine Power Systems.
Hayle

The £20m redevelopment of Hayle harbour on the north Cornish coast began in December 2013. The redevelopment includes the 0.8ha Marine Renewables Business Park to serve the Wave Hub approximately 20km offshore from the port. Due to its proximity to Wave Hub, the port will be particularly well suited to operation and maintenance activities.

North Devon Ports

The North Devon Ports (Bideford, Appledore, Yelland and Ilfracombe) are well positioned to provide construction and operation services to the energy projects developed in the Bristol Channel. These future offshore renewable energy projects include wave energy opportunities off north coast of Cornwall and tidal stream and range energy in the Severn Estuary and Bristol Channel.

Plymouth

Plymouth is a centre for naval engineering much of which is focused around the Devonport Royal Dockyard – the largest naval base and dockyard in western Europe. It directly employs over 5000 people with 14 dry dock’s and 25 tidal berths on a 263ha site. In April 2015 a large area of the naval dockyards were handed over to the City of Plymouth by the MOD as part of the Plymouth and South West Peninsula City Deal. An investment of £110m will be used to develop the site into a Marine Industries Production Campus.

Portland

Portland is a large commercial port on the south coast with deep and sheltered water, existing waterside facilities and the necessary consents for a major expansion if needed. The port lies within easy reach of the planned Navitus Bay Wind Park and the tidal resources.
## Ports and port operations

### Logistics and transfers
- Auto Dynamic Positioning Services Ltd
  - Plymouth
- Bond Air Services
  - Gloucestershire
- Bristol Port Company
  - Bristol
- DB Schenker
  - Bristol
- Denholm Wilhelmsen Ltd
  - Falmouth
- Osprey Shipping Ltd
  - North Somerset

### Crew Services
- Auto Dynamic Positioning Services Ltd
  - Plymouth

### Onshore craneage
- Modulift UK Ltd
  - Dorset
- RHC Lifting Ltd
  - Bristol
- Seawinch
  - Dorset
- South West Crane Hire
  - Devon
- Sparrow Crane Ltd
  - Bristol

### Docking and pontoons
- Docking Solutions Ltd
  - Cornwall
- Marine Design
  - Cornwall
- Pontoon Works
  - Dorset
- Versadock UK
  - Cornwall

## Bristol Port

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Contact Andrew Ord
Commercial Director
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Avonmouth, Bristol BS11 9DQ
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enquiries@bristolport.co.uk
www.bristolport.co.uk
For information on companies go to: www.regensw.co.uk/directory

Consultancy services

The south west’s consultancy companies have been instrumental in the development of the offshore renewable energy sector in the UK and abroad, providing a growing base of expert knowledge from engineering and design to environmental impact assessment.

### Renewable energy consultants
- BG Renewables Falmouth
- Big Blue Stuff Devon
- BVG Associates Wiltshire
- DNV GL Bristol
- GoBe Consultants Devon
- IT Power Ltd Bristol
- Keynvor Morlift Ltd Cornwall
- Marine Energy Matters Devon
- Mojo Maritime Ltd Falmouth
- Parsons Brinckerhoff WSP Bristol
- Pegasus Group Ltd Bristol
- TÜV SÜD PMSS Southampton
- Pure Energy Professionals Ltd Cornwall
- Rame Energy Plymouth
- Regen SW Advisory Services Exeter
- RES Devon
- Xodus Group Southampton
- Zero Carbon Marine Devon

### Technical and engineering consultants
- Axysm Engineering Bristol
- BAE Systems Bristol
- Empire Engineering Ltd Bristol
- Filton Systems Engineering Bristol
- Green Theme Poole
- Houlder Ltd Portsmouth
- IT Power Ltd Bristol
- Keynvor Morlift Ltd Cornwall
- LIC Energy Bristol
- Longitude Engineering Exeter
- Mojo Maritime Ltd Falmouth
- Reygar Ltd Gloucestershire
- Safeguard Nautica Exeter
- SEA Group Bristol
- Stirling Dynamics Bristol
- Supacat Devon

### Multidisciplinary consultants
- AECOM Bristol
- Arup Bristol
- Atkins Bristol
- Black and Veatch Ltd Bath
- Blom Somerset
- BMT Group Bath
- Brutton Knowles Gloucester
- Buro Happold Bath
- BVG Associates
- CH2M Bristol
- CMS Geotech Ltd Cornwall
- Coastal Research Devon
- Coastal Science Ltd Devon
- Cornwall Environmental Consultants (CEC) Truro
- Costal International Ltd Plymouth
- Frazer Nash Consultancy Bristol
- Fathoms Ltd Cornwall
- Hoare Lea Plymouth
- Hyder Consulting Plymouth
- Hydrock Group Ltd Bristol
- Mott Macdonald Bristol
- Parsons Brinckerhoff WSP Bristol
- Pure Energy Professionals Ltd Cornwall
- Poyry Plymouth
- Ramboll ENVIRON Exeter
- Renewable Risk Advisers Ltd Berkshire
- RPS Group Plc Bristol
- Royal Haskoning Exeter
- Senergy Somerset
- SLR Consulting Ltd Wiltshire
- TÜV SÜD PMSS Southampton
- URS Bristol
- Wardell Armstrong Cornwall
- Worley Parsons Bristol
- Xodus Group Cornwall
## Consultancy services

### Environmental consultants and surveyors
- APEM Aquatic Scientists Bristol
- Aquatonics Ltd Devon
- Chickrell Bioacoustics Dorset
- Climate Change Matters Devon
- Ramboll ENVIRON Exeter
- Environmental Resources Management Bristol
- Five Oceans Environmental Services Bristol
- Fugro EMU Southampton
- GeoScience Ltd Falmouth
- GoBe Consultants Ltd Devon
- Hayes McKenzie Partnership Ltd Wiltshire
- Johns Associates Ltd Bath
- Marine Ecological Surveys Ltd Somerset
- MarineSpace Ltd Southampton
- Nicholas Pearson Associates Somerset
- Pegasus Planning Group Cirencester
- Plymouth Marine Laboratory Plymouth
- Royal Haskoning Exeter
- SLR Consulting Ltd Wiltshire
- Sustainable Direction Ltd Gloucester
- Tamar Consulting Cornwall

### Oceanographic and geotechnical consultants and surveyors
- Fugro Seacore Cornwall
- Insight Marine Projects Ltd Cornwall
- Offshore Marine Support Ltd Gloucestershire
- Pacific Geoservices Ltd Somerset
- Partrac Exeter
- Quantum Geotechnical Ltd Devon
- South West Surveys Ltd Devon
- Swathe Surveys Cornwall
- Wind Support Ltd Bristol

### Naval architects
- Babcock Group Plymouth
- BMT Group Bath
- Integer Solutions Cornwall
- Longitude Consulting Engineers Devon
- M2ED Ltd Dorset
- Mojo Maritime Falmouth
- Pendennis Falmouth
- Princess Yachts Plymouth
- Sealander Marine International Ltd Plymouth

GoBe Consultants Ltd is a marine planning and environmental consultancy. We provide high quality strategic and project specific planning and environmental advice to the offshore development industries.

For details of our work or to discuss your project contact us on +44 (0)1626 323890 or email info@gobeconsultants.com

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- Planning Advice
- EIA
- Marine Consents
- Risk Strategy
- Consultation
- Project Management
Royal HaskoningDHV is a world leading consultancy providing environmental and engineering consultancy to the marine energy sector. We can help you with any EIA, consenting, HSE and engineering issues for your offshore wind, wave or tidal energy projects.

Playing a leading role in the ocean energy sector since 2003, we have consented over 60MW of wave and tidal energy projects, including the world’s first grid connected commercial tidal turbine, the world’s first tidal array, and the world’s largest wave array.

We are at the forefront of innovation of thought and excellence in the following key areas:
- Environmental Impact Assessment (EIA)
- Habitats Regulations Assessment (HRA)
- Environmental monitoring and adaptive management

We are proud to have:
- A strong track record delivering successful projects in the south west, with a 100% consent record
- A successful south west based team, with an experienced marine energy team, working from our Exeter office for over 16 years
- Comprehensive post consent environmental and technical services
- In house technical experts across a range of technical areas essential to successful marine development

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E: adam.pharaoh@rhdhv.com

royalhaskoningdhv.com/renewables

BMT Group

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Applying naval domain knowledge and experience to the benefit of the offshore renewable energy sector.

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- Marine Engineering
- Technology Management
- Systems Engineering
- Software Development & Visualisation

renewables@bmtdsl.co.uk

www.bmt.org/renewables
The south west has a strong heritage in engineering for the marine environment from naval architecture, ship building and repair, to defence and the oil and gas industry.

**Civil and structural engineering**
- Balfour Beatty Exeter
- BAM Bristol
- C A Blackwell Gloucestershire
- Davis Langdon Plymouth
- Dawnus Construction Ltd Exeter
- Lorne Stewart Plc Plymouth
- Ryearch Plymouth
- Sir Robert McAlpine Bristol

**Electrical and electronic engineering**
- ABB Bristol
- Atlas Elektronik Dorset
- Beran Instruments Ltd Devon
- Bridges Electrical Engineers Gloucestershire
- Electronic Engineering UK Ltd Southampton
- E-Tech Group Ltd Plymouth
- Fairford Electronics Devon
- Marine Electronic Services Ltd Dorset
- Powersystems UK Ltd Bristol
- RFL Communications PLC Wiltshire
- SEA Group Somerset
- Severn Subsea Technologies Cornwall
- Stirling Dynamics Bristol
- Switchgear Services Ltd Devon

**Mechanical engineering**
- Blackhill Engineering Ltd Devon
- DP Engineering Cornwall
- Evans Engineering Cornwall
- Kawasaki Precision Machinery (UK) Ltd Plymouth
- Redhall Engineering Bristol
- Universal Engineering Dorset

**Marine engineering**
- Babcock Group Plymouth
- BMT Group Bath
- LiCenergy Bristol
- Manor Marine Dorset
- Ocean Fabrication Cornwall
- Supacat Devon

**Subsea engineering**
- Sub Marine Services Ltd Falmouth
- LiCenergy Bristol
- Large Diameter Drilling Ltd Cornwall
- MSubs Plymouth
- Viper Subsea Bristol

**Specialist engineering**
- Apex Fluid Engineering Ltd Bristol
- Armada Hydraulics Ltd Falmouth
- Duchy Hose and Hydraulics Ltd Cornwall
- Empire Engineering Ltd Bristol
- Fathoms Ltd Cornwall
- Groveley Precision Engineering Dorset
- Longitude Consulting Engineers Devon
- Thales Underwater Systems Ltd Somerset
- Teignbridge Propellers Devon
Supacat is an innovative engineering and design house that has a pedigree of developing and supporting high-mobility, all-terrain vehicles. We thrive on addressing complex engineering challenges by rapidly designing and developing specialist equipment for hostile environments.

Supacat is an established and key team member of the consortium that has delivered Fred Olsen’s wave energy converter – Bolt Lifesaver.

Component production and supply includes hydraulics and pumps, electrical equipment, cables and communication systems; all of which continue to be essential in the offshore renewable energy industry.

In partnership with national initiatives, Regen SW and the South West Marine Energy Park are working to increase the level of UK content in the offshore wind supply chain, maximising the benefit of our rapidly growing capacity for UK companies.

Regional capability in manufacturing for the marine environment includes large scale fabrication in steel and concrete as well as manufacturing services in plastics and composites.

### Metal fabrication and machining

- A and P Falmouth Ltd Falmouth
- BOC / Linde Group Ltd Cornwall
- Blackhill Engineering Ltd Devon
- Bowmill Engineering Devon
- Fine Tubes Devon
- Groveley Precision Engineering Dorset
- Jordan Manufacturing Ltd Bristol
- Lowley Engineering Cornwall
- Manuflex Engineering Ltd Devon
- Marine Fabrication Somerset
- Metalcraft Cornwall Ltd Cornwall
- Morris Engineering Ltd Plymouth
- Pendennis Cornwall
- PEG Precision Engineering Devon
- Redhall Engineering Bristol
- REIDSteel Dorset
- Supacat Devon
- Taunton Fabrications Somerset
- Universal Engineering Dorset
- UK Precision Ltd Somerset
- Whiddon Valley Engineering Ltd Devon
### Manufacturing and components

#### Hydraulics
- Armada Marine Hydraulics Ltd, Falmouth
- Danser Hydraulics, Cornwall
- Duchy Hydraulics, Cornwall
- Grosvenor Pumps Ltd, Cornwall
- Helipebs Controls Ltd, Gloucestershire
- Hercules Hydraulics Ltd, Devon
- Hydraulic Projects Ltd, North Somerset
- Northavon Pumps & Control, Bristol
- Pump Supplies Ltd, Cornwall
- Watson Marlow Ltd, Cornwall
- Willis Ridley Ltd, Cornwall
- Fluid Equipment International Ltd, Devon

#### Cables and cable connectors
- Atlas Elektronik, Dorchester
- Golden Arrow Marine, Poole
- HellermannTyton, Plymouth
- Pelagian Submarine Cable Specialists, Wiltshire
- SEA Group, Devon

#### Electrical and electronic equipment
- Atlas Elektronik, Dorset
- Beran Instruments Ltd, Devon
- Index Marine Equipment, Bournemouth
- Merlin Power Systems, Gloucestershire
- Paravalux Electric Motors, Dorset
- Severn Subsea Technologies, Cornwall
- TDK-Lambda UK, Bristol
- Ultra Electronics, CEMS, Dorset

#### Measurement, monitoring, control, communication and instrumentation
- Active Research Ltd, Dorset
- AGI, Dorset
- Biral, Bristol
- Cesalt, Dorset
- Dantec Dynamics Ltd, Bristol
- Helitune, Devon
- Hydrosphere UK Ltd, Dorset
- KineticaRT Ltd, Devon
- Megacon Controls Ltd, Stroud
- Seiche Measurements, Devon
- Selex Communications Ltd, Marine Division, North Somerset
- Severn Subsea Technologies, Cornwall
- Triskel Marine Ltd, Cornwall
- Valeport Ltd, Devon
- Vetco Gray (UK) Ltd, North Somerset
- Westward Instruments Ltd, Dorset

#### Small mechanical components
- Bighead Bonding Fasteners Ltd, Bournemouth
- Seaware, Cornwall

#### Gearboxes and power transmission
- Borg Transmissions Ltd, Dorset
- Centrax, Devon

#### Seals
- Economos, Bristol
- IHC Merwede, Dorset
- Ram Gasket Solutions Ltd, Cornwall
- Superior Seals Ltd, Dorset
- Tides Marine International, Dorset

#### Mooring systems
- Keynvor Morlift Ltd, Cornwall
- Mojo Maritime Ltd, Falmouth
- Sub Marine Services Ltd, Falmouth

#### Device Protection
- Anchor Marine Plastics Ltd, Cornwall
- Norfloat International Ltd, Devon

#### Auxiliary equipment
- Seawinch, Dorset
- Addicot Electrics Ltd, Devon
Composites

Born out of the aerospace and yacht building industry, south west companies, universities, consultancies and research facilities such as the National Composites Centre have developed significant expertise and capability in the design and manufacture of complex composite structures.

The high strength to weight ratio, corrosion resistance and ability to manufacture complex shapes means composite materials are highly suitable for wind and tidal turbine blades in addition to numerous other components subjected to the highly dynamic offshore environment.

The National Composites Centre (NCC) is the UK’s centre of excellence in composites and advanced materials applied research.

The NCC’s mission is ‘To be an independent, open-access national centre that delivers world-class innovation in the design and rapid manufacture of composites and facilitates their widespread industrial exploitation.’

Opened in 2011 and located in the Bristol and Bath Science Park, the NCC is one of seven centres across the UK that make up the High Value Manufacturing Catapult. The NCC provides manufacturing facilities for composites at an industrial scale and aims to be a hub for the UK’s manufacturing industry.

The NCC supports design innovation leading to rapid manufacturing and commercial exploitation of advanced composite materials for the aerospace, marine, automotive and renewable energy industries.

The NCC is supported by a range of industrial partners including Vestas, Airbus, Augusta Westland, Rolls Royce, and GKN as well as regional universities.

### Composite structures
- AGC AeroComposites Dorset
- AgustaWestland South Gloucestershire
- Anglo Krempel Devon
- Brecknell Willis Somerset
- Designcraft Southampton
- Composite Integration Ltd Cornwall
- DIAB Group Ltd Gloucestershire
- GE Aviation Bristol
- GKN Aerospace Dorset
- Gurit Devon
- Independent Composites Ltd Bristol
- Manuplas Ltd Plymouth
- Matrix Composite Materials Co Ltd Bristol
- Multimarine Composites Ltd Cornwall
- Norco GRP Ltd Dorset
- Pipex Ltd Plymouth
- PRF Composite Materials Dorset
- Pendennis Falmouth
- South West Composites Gateway Bristol

### Composite Research Facilities
- University of Bath Composites Research Unit Department of Mechanical Engineering
- University of Bristol Department of Aerospace Engineering
- Plymouth University Advanced Composites Manufacturing Centre
- University of West of England Aerospace Manufacturing, Bristol Institute of Technology, Advanced Composites Centre for Science and Innovation (ACCIS)
The south west has become a hub for leading companies in this sector such as Mojo Maritime, Fugro Seacore, Keynvor Morlift, Insight Marine and Falmouth Divers, who are working around the world to deploy marine energy devices.

### Marine operations, installation and subsea support

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<th>Subsea operations and diving</th>
<th>Vessels, workboats and barges</th>
<th>Marine operations, contract and management services</th>
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<tr>
<td>Fugro Seacore Falmouth</td>
<td>Auto Dynamic Positioning Services Ltd Plymouth</td>
<td>A &amp; P Falmouth Ltd Falmouth</td>
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<td>Falmouth Divers Ltd Falmouth</td>
<td>Avonmouth Ship Repairers Ltd Bristol</td>
<td>Auto Dynamic Positioning Services Ltd Plymouth</td>
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<td>Bridgend Boat Company Ltd Plymouth</td>
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<td>Quest Underwater Services Ltd Dorset</td>
<td>Carlin Boat Charters Dorset</td>
<td>Falmouth Divers Ltd Falmouth</td>
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<td>Sub Marine Services Ltd Falmouth</td>
<td>Ecocats Ltd Cornwall</td>
<td>Fugro Seacore Falmouth</td>
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<td>Seawide Services Ltd Cornwall</td>
<td>FD Marine Ltd Cornwall</td>
<td>Global Marine Systems Ltd Dorset</td>
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<td>Subsea Vision Dorset</td>
<td>Howard Marine Plymouth</td>
<td>Insight Marine Cornwall</td>
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<td>UMC International Plc Devon</td>
<td>International Jack-up Barge Owners Association Devon</td>
<td>Green Theme Poole</td>
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<td>R. Pearce &amp; Co Falmouth</td>
<td>Jenkins Marine Ltd Dorset</td>
<td>James Fisher Plymouth</td>
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<td>James Fisher Rumic Ltd Plymouth</td>
<td>Keynvor Morlift Ltd Cornwall</td>
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<td>Keynvor Morlift Ltd Cornwall</td>
<td>Large Diameter Drilling Ltd Cornwall</td>
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<td>Marine and Towage Services Group Ltd Falmouth</td>
<td>Offshore Marine Management Bristol</td>
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<td>Offshore Marine Solutions Ltd Cornwall</td>
<td>Red7Marine Ltd Devon</td>
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<td>Offshore Marine Support Ltd Gloucestershire</td>
<td>Reflex Marine Ltd Cornwall</td>
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<td>Osprey Shipping Ltd North Somerset</td>
<td>Svitzer Marine Ltd Bristol</td>
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<td>Supacat Devon</td>
<td>Mojo Maritime Cornwall</td>
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<td>Wind Wave Workboats Ltd Cornwall</td>
<td>Marine and Towage Services Group Ltd Falmouth</td>
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</tbody>
</table>
Offshore renewable energy has rapidly become part of the mainstream economy in the UK. In response to the needs of the industry, financial, health and safety and legal service organisations have established dedicated teams to work in the sector.

### Business consultants
- Atlas Services Group Cornwall
- Big Blue Stuff Devon
- Argo Environmental Engineering Ltd Hartland
- Climate Change Matters Exeter
- Roger Tym and Partners Exeter
- Ernst & Young Exeter
- Sinclair Consulting Devon

### Security, health and safety
- Assetco Technical Rescue Cornwall
- Braemar Howells Cornwall
- DDRC Hyperbaric Medical Centre Cornwall
- IC Brindle & Co Dorset
- Reflex Marine Ltd Cornwall

### Certification
- DNV-GL Bristol

### Legal
- Ashfords Devon
- Bond Dickinson Plymouth
- Burges Salmon Bristol
- Charles Russell LLP Cheltenham
- Clarke Willmott Bristol
- Foot Anstey LLP Devon
- Francis Clark LLP Devon
- Lester Aldridge Hampshire
- Michelmores Devon
- Osborne Clarke Bristol
- Renew Legal Bristol
- Stephens Scown Solicitors Devon
- Stones Solicitors LLP Devon
- TLT LLP Bristol
- Tozers LLP Devon

### Insurance
- Bay Marine Falmouth
- Hayes Parsons Ltd Bristol
- Lockton Companies LLP Bristol
- Renewable Risk Advisers Berkshire

### Public relations and marketing
- All-Energy London
- DCA Public Relations Cornwall
- Sinclair Consulting Devon

### Financial
- Bishop Fleming Devon
- Ernst & Young Cornwall
- KPMG LLP Dorset
- PricewaterhouseCoopers Bristol
- Smith & Williamson Somerset
- Triodos Bank Bristol

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**“Burges Salmon has real expertise in the industry and the other advantage is strength in depth.”**

**Chambers UK**

Burges Salmon is one of only a few legal teams in the UK with experience of advising on offshore renewable energy projects (including offshore wind, wave and tidal) throughout their development cycle from site assembly and consenting through finance, construction and operation.

We act for developers, investors, funders, offtakers and the supply chain. If you need advice or want to know more about our experience contact;

Ross Fairley, Head of Renewables
+44 (0) 117 902 6351
[www.burges-salmon.com](http://www.burges-salmon.com)
360° legal thinking

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Renewable Energy Projects • Fisheries Protection
Maritime Safety • Harbour Dues
Harbour Empowerment and Revision Orders

01392 688688  www.michelmores.com

For information on companies go to: www.regensw.co.uk/directory

Training and skills

The region’s specialist colleges have developed programmes to train the next generation of engineers and technicians, preparing them for work in the offshore renewable energy sector.

Skills required by the industry available in the south west include:

- Design/consultant engineers
- Power systems and electrical engineers
- Mechanical engineers
- O&M technicians
- Environmental sciences
- Marine sciences
- Health and safety
- Project/construction managers
- Marine and subsea operations
- Offshore qualifications
- Manufacturing – fabrication, composites, hydraulics, electrical
- Finance, legal, planning

Further education colleges

- Bicton Environmental and Renewable Technologies Hub (EaRTH) Devon
- City of Bath College Bath
- City of Bristol College Bristol
- Cornwall College Cornwall
- Falmouth Marine School Falmouth
- PETROC Devon
- Truro College Truro
- UTC College Plymouth
- Weymouth College Weymouth
- South Devon College Devon

Training centres and providers

- Babcock Group Plymouth
- Cornwall Marine Network Cornwall
- Western Training Association Plymouth
- Maritime Training Plymouth Ltd Plymouth
- Warsash Maritime Academy Southampton
- Ocean Training Plymouth Devon
- Offshore Marine Academy Bristol
- Maritime learning Alliance Plymouth

Bond Dickinson

Leading provider of legal advice to the Renewables Sector

We have one of the UK’s largest specialist Energy and Natural Resources teams, able to provide the expertise needed for all renewable energy and low carbon projects across a range of technologies. These include solar, wave, tidal, hydro, onshore and offshore wind, AD, renewable heat and community projects.

Luke Gabb, Head of Energy and Natural Resources
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www.bonddickinson.com
The Plymouth and South West Peninsula City Deal is a pioneering programme designed to bring significant and long-lasting economic growth to the far south west. A key deliverable of the programme is the development of the Marine Industries Production Campus - located in the newly acquired South Yard area of Devonport Dockyard. The site was awarded Enterprise Zone Status in the pre election budget in early 2015.

**Through the City Deal, by 2030 we will:**

- Create 9,500 jobs
- Generate Gross Value Added (GVA) of over £800m
- Lever in £266m of private sector investment
- Look to release 32,500 m² of new marine space, increasing to 86,000 m² in the long term
- Support over 20,000 businesses to grow
- Work with 1,500 young people and support 540 back into sustainable employment by 2015
The Bristol 2015 Marine Energy Accelerator Programme (MEAP) has been established to support the development of the marine renewable energy sector in the Bristol City Region, recognising the city’s unique cluster of marine renewable energy companies and the wealth of tidal energy resource in the Bristol Channel.

The programme builds on four previous years of support for the sector through Bristol City Council’s Offshore Energy Programme and includes the Bristol Tidal Energy Forum.

The forum has over 100 members and welcomes international and UK based companies who wish to engage with technology developers, companies and consultancies based in the south west of England.

A LinkedIn group accompanies the event to allow continued discussion and is open to both members and potential members.

Become part of the forum:
- Knowledge sharing
- Identifying opportunities in the sector
- Addressing barriers and challenges
- Building relationships and collaborations
- Developing the Bristol Channel and Severn Estuary
- Supporting new tidal technologies for the Bristol Channel and Severn Estuary

To learn more about the South West MEP or join the partnership, please contact Johnny Gowdy – jgowdy@regensw.co.uk or view our prospectus here: www.regensw.co.uk/our-work/offshore-renewables/south-west-marine-energy-park

For more info: igodfrey@regensw.co.uk

Find out more about previous forums here: www.regensw.co.uk/projects/offshore-renewables/tidal-energy
Supporting the industry

Regen SW is an independent not for profit business working with industry and partners to overcome barriers to the development of sustainable energy.

We promote an approach to development that builds local supply chains creating high value jobs and delivering tangible benefits to local communities.

Regen SW has over 11 years experience working with industry, technology developers, universities and local authorities to support the deployment of sustainable energy technologies.

As well as supporting companies in the supply chain, Regen SW has been instrumental in the strategic development of the offshore renewable energy industry in the region including; developing the first concept for Wave Hub; working with offshore wind developers; development and programme management of the South West Marine Energy Park.

Membership services
Regen SW’s members play a central role in achieving our vision
Membership is open to any organisation that supports our mission. We invite you to join us. We are encouraging businesses, local authorities and other key partners to sign up to our membership packages, sharing in the benefits of our services and recognising our work as an important investment in the future of low-carbon energy.

For more information please visit: www.regensw.co.uk/information/login-join-us

Regen SW Advisory Services

Regen has been at the heart of the development of sustainable energy for over eleven years and we are widely recognised and respected for our trusted, independent advice, in-depth understanding of the sector, expert team of specialists and unique connections within the public and private sector.

Our bespoke services can be tailored to enable your organisation to capitalise on the growth of sustainable energy, respond to policy changes and unlock market opportunities.

Advisory services include:
- Grid access solutions
- Feasibility and financial modeling
- Strategy and policy development
- Innovation and technology commercialisation
- Community energy development
- Supply chain analysis

Regen SW work with:
- Public Sector, Local Authorities and Local Economic Partnerships
- Technology developers
- Project developers
- High growth businesses
- Universities and third sector

For more information about Regen SW Advisory Services and how we can work with you on a specific project or on a longer term partnership basis, please contact Tim Crook or Johnny Gowdy on +44 (0) 1392 494 399
The marine energy and offshore wind south west company directory is managed online by Regen SW.

The directory currently lists over 350 companies covering a broad range of products and services related to the marine and offshore wind energy sectors. Addition to the directory is free, subject to the company having a base or regional operation in the south west.

For further details of the companies listed in the guide and for up to date information, visit the Regen SW offshore renewables web pages at: www.regensw.co.uk/directory

If you are a business that would like to join the directory, or require help in sourcing products or services within the offshore renewables supply chain, please contact:

Johnny Gowdy, Director, Regen SW
Email: jgowdy@regensw.co.uk – Tel: +44 (0)1392 494399

Our thanks to the following companies for the use of images: