

# Fife's Energy Transformation



## Innovation at the heart of the energy transition

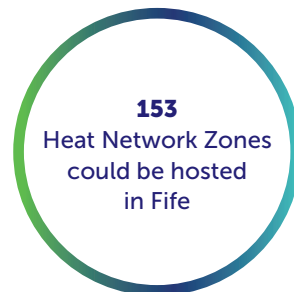
**Fife is at the forefront of Scotland's evolving energy economy, combining decades of industrial expertise with a strong drive for innovation and low-carbon growth. With 125 registered energy enterprises generating £1.47 billion in turnover, the region leads all Scottish local authorities in turnover per employee and ranks fifth in GVA per head. These figures highlight Fife's reputation as a productive, resilient and commercially attractive base for energy businesses.**

The region's energy sector covers a broad and complementary range of specialisms, including offshore renewables, low carbon technologies, energy storage, electricity and gas supply, engineering consultancy, environmental services, and decommissioning. This depth and diversity position Fife as a strategic location for businesses operating across the energy value chain—from design and generation to transition and reuse.

Fife is also well placed to benefit from the wider energy transition underway in North East Scotland—home to 80% of the UK's direct oil and gas workforce. With over 90% of that workforce possessing medium to high levels of skills transferability, Fife's proximity and sector maturity provide access to a highly skilled and adaptable talent pool. It is a natural choice for

companies shifting focus towards cleaner, more sustainable energy operations to adjacent energy sectors such as offshore renewables and low carbon technologies.

With a strong mix of large and growing firms, 8% of Fife's energy businesses employ over 250 people, compared to just 2% nationally. Fife offers capacity, flexibility, and supply chain strength. Combined with sector-leading productivity, a supportive business environment, and a future-focused skills base, Fife is a compelling location for long-term investment in the energy sector.



## Energy Sector Highlights



**£1.47bn**

Fife energy companies generated £1.47 billion in turnover



**300**

Fife local homes using clean gas through H100 Fife



**225,114**

Fife's energy companies GVA per head



**31%**

The share of renewable energy in the Mid-Scotland & Fife derived from hydro-power



**1.2GW**

Mid-Scotland and Fife's contribution to Scotland's total 11.9 GW renewable electricity generation capacity



**53%**

The share of renewable energy in the Mid-Scotland & Fife derived from onshore wind

## In good company



# Investment opportunities in Fife's growing energy sector

## Energy from Waste

Fife is home to key energy-from-waste and biomass facilities driving sustainable energy. Brockwell Energy's Westfield Energy Recovery Facility processes 240,000 tonnes of waste annually, generating 24MW of renewable energy for 76,000 homes. RWE's Markinch Biomass Power plant, the UK's largest biomass plant, generates 55MW of electricity for 100,000 homes and cuts CO<sup>2</sup> emissions by 150,000 tonnes annually. These facilities showcase Fife's commitment to sustainable energy and local economic growth.

## Low-Carbon Heat Networks Driving Net Zero

Fife is driving low-carbon energy through three key District Heat Networks. The Dunfermline Community Energy Scheme will supply sustainable heat across the city, while the operational Glenrothes Energy Network uses waste heat to power local facilities. At the University of St Andrews, the Eden Campus Energy Centre harnesses renewables to cut emissions. Together, they showcase Fife's net-zero ambition and investment potential.

## Investing in Sustainable Energy and Innovation

Fife businesses are driving the region's energy transition. Diageo's Cameronbridge Distillery aims to cut carbon emissions by 90%, and its Leven plant's solar farm will power 60% of summer operations. Leviton is investing £600,000 in rooftop solar to reach carbon neutrality by 2030, demonstrating a strong local commitment to sustainability.

## Forth Green Freeport

Forth Green Freeport is a designated trade and investment zone, with two key Tax Sites in Fife—Rosyth and Burntisland. These sites are positioned to stimulate growth and attract global investment. Burntisland, paired with Leith, forms the Mid-Forth Tax Site, a critical hub for Scotland's growing offshore wind industry. The Freeport offers access to a 20–30 year development pipeline, underpinned by major port infrastructure and supply chain assets.

## Forth & Tay Offshore

Forth and Tay Offshore (FTO) along with the Clean Energy Cluster, plays a pivotal role in advancing the UK's low-carbon economy through offshore wind development. Situated along Scotland's east coast, FTO capitalises on world-class port infrastructure, engineering excellence, and a highly capable supply chain. It links regional strengths to national initiatives such as ScotWind and INTOG, providing a direct route for Fife's supply chain to engage with major offshore wind projects. This alignment presents significant opportunities for local businesses to expand, innovate, and secure their place in the UK's transition to net zero.

## Energy Park Fife: At the Heart of Clean Energy Innovation

Energy Park Fife is a premier investment location at the forefront of Scotland's renewable energy sector. Strategically positioned on the Firth of Forth, the park offers direct quayside access and specialist infrastructure tailored to the offshore renewables and marine energy industries. It is home to key players such as Spanish shipbuilder Navantia, ORE Catapult, and the pioneering H100 Fife project.

## Hydrogen & Low Carbon Innovation

Fife is at the forefront of the hydrogen revolution. The H100 Fife project in Levenmouth is the UK's first to deliver green hydrogen to homes via a dedicated pipeline. Complementing this are local initiatives like Fife Council's £3m+ annual investment in carbon reduction, including biomass boilers, EV infrastructure, and sustainable public buildings. Fife is also home to ORE Catapult's Wind Turbine Research Facility – the world's most advanced open-access offshore wind test site positioning the region as a centre of excellence in renewables R&D.

## Key Fife Facts



**230,154**  
Working age population (16–64) 62%



**£17.1bn**  
Total annual turnover of Fife businesses



**9,485 businesses**  
supporting around 100,840 jobs



**34,000**  
students at University of St Andrews and Fife College



**£730 per week**  
Average earnings of people living in Fife



**1 Million**  
workers within an hours drive



# Fife

## The place to do business

InvestFife offers comprehensive support to businesses in the energy sector looking to relocate or expand within Fife. With tailored advice and guidance, InvestFife helps businesses navigate the region's vast opportunities in renewable energy, offshore wind, and energy infrastructure. From access to world-class facilities like Energy Park Fife to connections with key local networks and expertise, InvestFife ensures that businesses can thrive in Fife's growing energy landscape. With support in securing funding, identifying suitable sites, and facilitating connections with local partners, InvestFife is dedicated to making Fife an attractive and easy choice for businesses looking to invest in the future of energy.



**To find out how we can help you, contact:**  
[www.investfife.co.uk](http://www.investfife.co.uk)  
[fifemeansbusiness@fife.gov.uk](mailto:fifemeansbusiness@fife.gov.uk)



### Disclaimer

The statistics and information presented in this prospectus have been compiled from our most recent sector analysis conducted in April 2025. All data was accurate to the best of our knowledge at the time of publication. Please note that figures may be subject to change as new information becomes available.

## Fife

### Connected, skilled & welcoming!

#### Connectivity to the rest of the world

Our transport links via road, rail and sea enable businesses of all types to use Fife as a base.

#### ROAD

Edinburgh	45 Minutes
Dundee	45 minutes
Stirling	55 Minutes
Perth	35 Minutes
Glasgow	1 hour

#### MOTORWAYS

South & west: M90, M8, M73, M74, M90  
 M6, A1M & M1 North: M90

#### AIR

##### Airport connections from Edinburgh

20 direct UK destinations  
 87 International including US & Middle East  
 46 flights per day to London

#### RAIL

Main East Coast Rail link  
 Fife Circle – Edinburgh  
 Main West Coast Rail link  
 Freight links

#### PORTS

Rosyth Deep Water Port  
 Grangemouth Docks  
 Kirkcaldy  
 Methil  
 Burntisland

