

Our impact on the
UK economy
in 2023 – summary

Foreword

bp has been a part of people's lives in the UK for more than 100 years. That's over a century of producing energy, stimulating economic growth, creating jobs and, through our vast supply chain, helping UK companies to prosper.



A home-grown British company, we are a household name. In fact nine out of 10 people in the UK now live within a 20-minute drive of a bp retail site. In 2023 we expanded our retail network, evolving what we offer at existing forecourts and building new hubs that are dedicated to supporting the transition to electric vehicles (EVs) – such as helping to launch one of the UK's largest public charging hubs at the NEC campus in Birmingham.

This year we will celebrate 60 years of our North Sea oil and gas operations, a proud history as one of the pioneers of this industry for the UK that helped build the energy infrastructure and skills that remain critical today. Since 2019, we have reduced scope 1 and 2 emissions associated with our North Sea operations by 33% and in 2023 we met our aim of deploying methane measurement across our major operated offshore oil and gas assets in the UK.

Oil and gas and retail still represent the backbone of our UK business today. But what the UK, and the world, wants and needs from the energy system is changing – and so is bp. We are investing in lower carbon and renewable energy, expanding our EV charging network through *bp pulse* and progressing our plans to develop new offshore wind, solar, hydrogen and carbon capture projects. We are working with government and partners to make these plans

a reality, while supporting our workforce, suppliers and communities across the UK to help support a transition in a way that is fair, protects jobs, boosts skills and helps grow the country's economy.

Projects like these go beyond investment in infrastructure; they also see us supporting skills development and job opportunities, such as on Teesside where 20 young people embarked on the bp-funded Clean Energy Technician Scholarship programme in 2023. From helping to tackle food poverty to supporting initiatives to help boost biodiversity and increasing social mobility, we aim to make a difference.

The UK is our home and as our impact report shows, we are continuing to play our part in building a modern, diversified energy system that is safe and secure, supports the country's net zero ambitions and creates value for the economy, for customers, for communities and for our shareholders.

Louise Kingham CBE
Senior vice president, Europe
and head of country, UK

2023 at a glance Economic analysis and modelling by Oxford Economics

Direct economic impact

bp directly contributes to the UK economy through its operations, which include producing hydrocarbons, running retail stations, developing lower carbon energy solutions, research and innovation and managing office functions.

In 2023 bp directly:

generated a

£12bn

GVA contribution to UK GDP from its own operations

employed

16,049

people in the UK

Indirect economic impact

bp's spending with suppliers stimulates substantial economic activity. By buying goods and services from its suppliers, bp supports those suppliers as they generate their own GVA, jobs, and tax impacts.

In 2023 bp spent:

£5.3bn

with **>2,600 suppliers** of operational goods and services and **>540 suppliers** of capital goods and services

This spending supported an estimated

65,000

jobs across the UK

and added

£5.1bn

in GVA contributions to UK GDP

Total economic impact

Considering the sum of bp's direct impact and supply chain impact, bp's total impact on the UK economy is sizeable.

In 2023 bp supported:

£17.1bn

in GVA contributions to UK GDP – equivalent to

0.64%

of national GDP

an estimated

81,000

jobs – equivalent to **1 in every 410 jobs** in the UK

Business

The UK has a plan to boost long-term energy security and cut emissions and at bp we are hard at work on the challenge.

In 2023:

59mmboe

of **oil and gas** produced from our North Sea operated facilities

>1,100

bp **retail sites** in the UK, including those operated by our dealer partners

>3,000

ultra-fast and rapid **bp pulse charge points** across the UK

~200m

EV miles powered by **bp pulse** in the UK

bp in the UK

While North Sea oil and gas and our nationwide network of bp-branded retail forecourts are our most established UK businesses today, bp is changing from an international oil company to an integrated energy company. In 2022 bp announced plans that could see us invest up to £18 billion in the UK's energy system by the end of 2030 – expanding our *bp pulse* EV charging network, and working on plans to develop new offshore wind, solar, hydrogen and carbon capture projects – while continuing to invest in established sectors like oil and gas and retail.

We're planning to invest up to

£18bn

in the **UK's energy system**
by the end of 2030

Current activity and project map^a



Oil and gas hubs

Operated by bp



Oil and gas hubs

Operated by others



Wind

In development



Offices and research centres

Sunbury, Canary Wharf, St James's Square, Hull, Pangbourne, Milton Keynes, Aberdeen

bp.com/uk/whereweoperate



bp pulse hubs^b

Hubs open as of March 2024



bp pulse charging sites

With ultra-fast^c and rapid^d charge points

network.bppulse.co.uk/live-map



Air bp

Some of the more than 70 locations where Air bp is present

customers.airbp.com/where-to-find



UK solar

Selected Lightsource bp developed projects

lightsourcebp.com/uk/projects



Fuel terminals

Isle of Grain, Hamble, Hemel Hempstead



Hydrogen

In development



Power and carbon capture and storage (CCS)

In development



Power and carbon capture and storage (CCS)

In development/non-operated



Retail sites

Includes bp-operated and dealer-operated sites

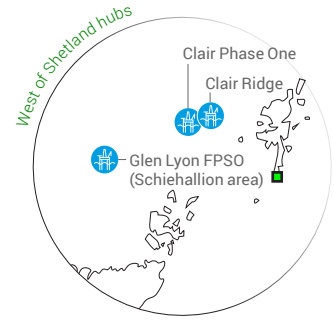
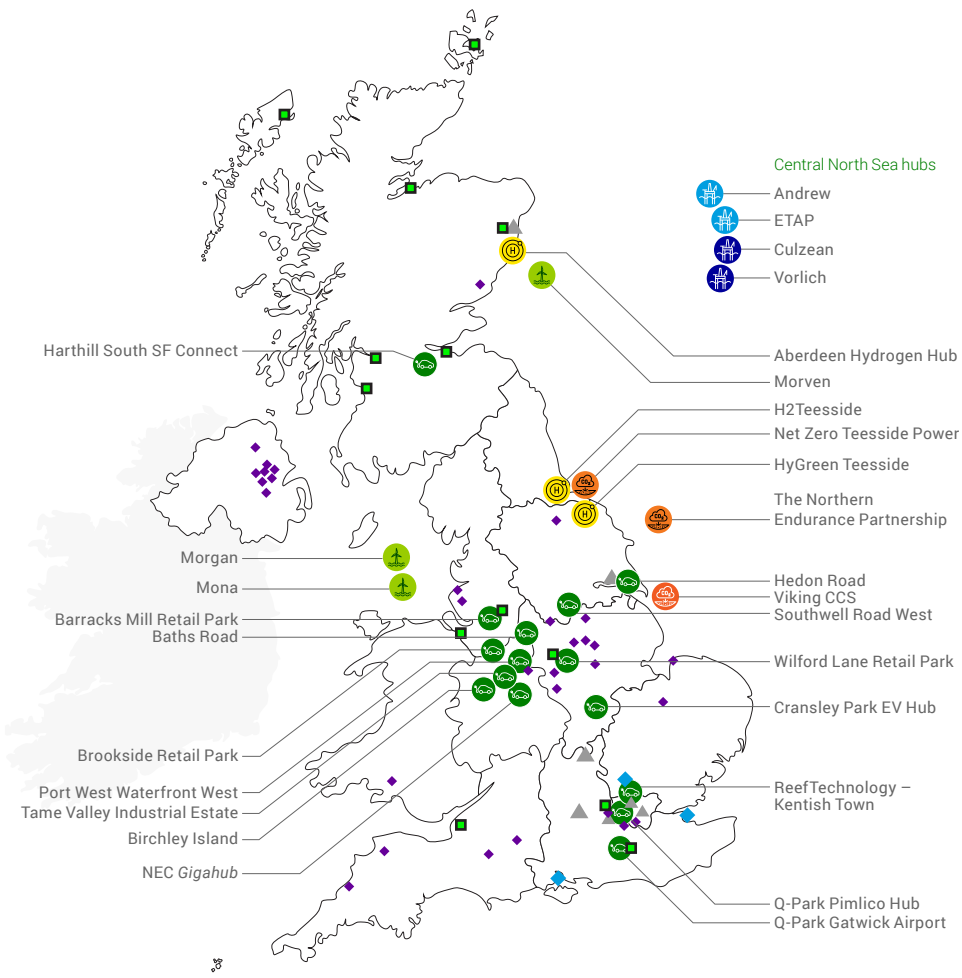
bp.com/stationfinder

^a Major energy projects are complex and typically have long design and development timeframes. Many of our UK lower carbon and renewable projects are in the early design and development phases and remain subject to requirements like planning consent, contracts and licences, and ultimately final investment decision by bp and, where applicable, partners. Map current as of June 2024.

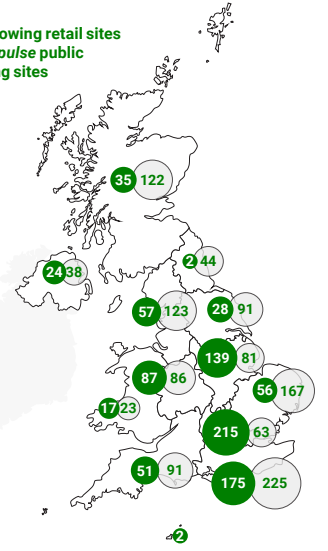
^b A site qualifies as a hub when it has at least six or more ultra-fast charging bays.

^c Ultra-fast charging: Electric vehicle charging of greater than or equal to 150kW.

^d Rapid charging: Rapid charging includes electric vehicle charging of greater than or equal to 50kW and less than 150kW.



Map showing retail sites and bp pulse public charging sites



bp is an important collector and payer of taxes to the UK government

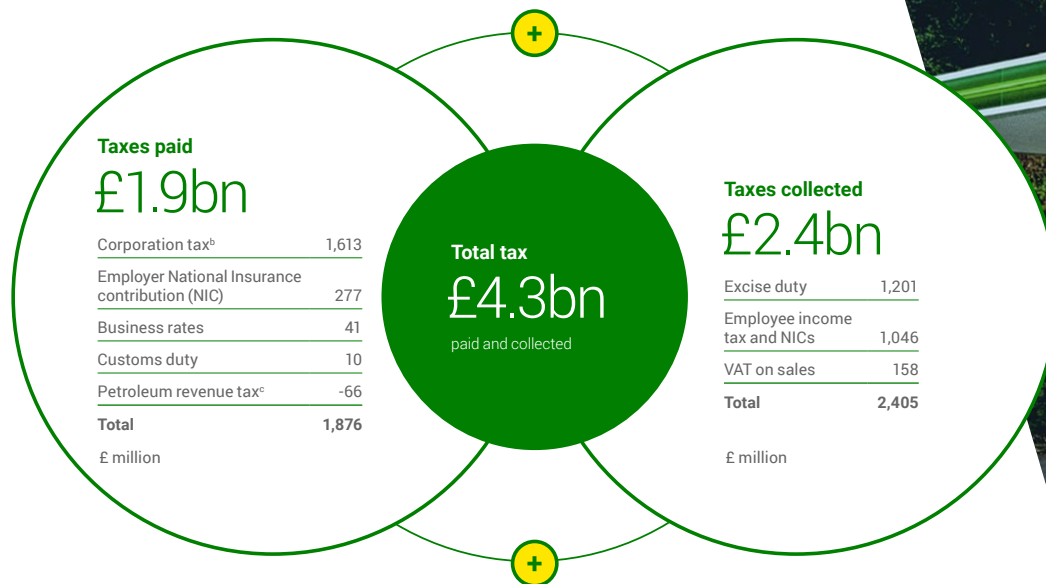
Through its operations, bp also collects and pays a substantial amount of tax revenue to the UK government.

bp paid and collected **£4.3 billion** in tax to the UK government in 2023. This includes **£1.9 billion** in paid tax, of which **£626 million** was Energy Profits Levy. It also includes **£2.4 billion** in collected tax.

Of the total **£821 billion** UK government tax receipts in 2023, the tax bp paid and collected was **0.5%** of total UK government receipts. This was equivalent to **£1 in every £190** in HMRC receipts^a.

The company also stimulated tax contributions along the supply chain, estimated to be worth **£1.1 billion** in 2023.

Figure 1. bp's taxes paid and collected in 2023



a HMRC, "HMRC tax receipts and National Insurance contributions for the UK", data downloaded March 2024. The denominator was for the year ended December 2023.

b Corporation tax paid includes £78 million Withholding tax and £626 million Energy Profits Levy. Totals do not sum due to rounding.

c With respect to production taxes, we received a net refund of petroleum revenue tax paid in prior years resulting from the carry back of tax losses in accordance with the law.



Farnham SF Connect, Surrey, UK

bp's spending with suppliers stimulates substantial economic activity

By buying goods and services from its suppliers, bp supports those suppliers as they generate their own gross value added, jobs and tax impacts.

bp spent **£5.3 billion** with UK suppliers in 2023. This procurement, combined with bp's spending elsewhere around the world, supported:

- **£5.1 billion** in gross value added contributions to UK GDP, or **£1 in every £520** of UK GDP.
- **65,000** jobs, or **one in every 510** people in employment.

bp's spending consists of operational spending, as well as capital expenditure. Of the **£5.3 billion** bp spent with suppliers in the UK^a:

- **£4.3 billion** was with more than **2,600 suppliers** of operational goods and services, which relates to ongoing business operations.
- **£1 billion** was with more than **540 suppliers** of capital goods and services, which represents investment in bp's production facilities and other assets.

£5.1bn

Gross value added contribution to UK GDP

65,000

jobs supported

£4.3bn

was spent with more than

2,600

suppliers of operational goods and services

£1bn

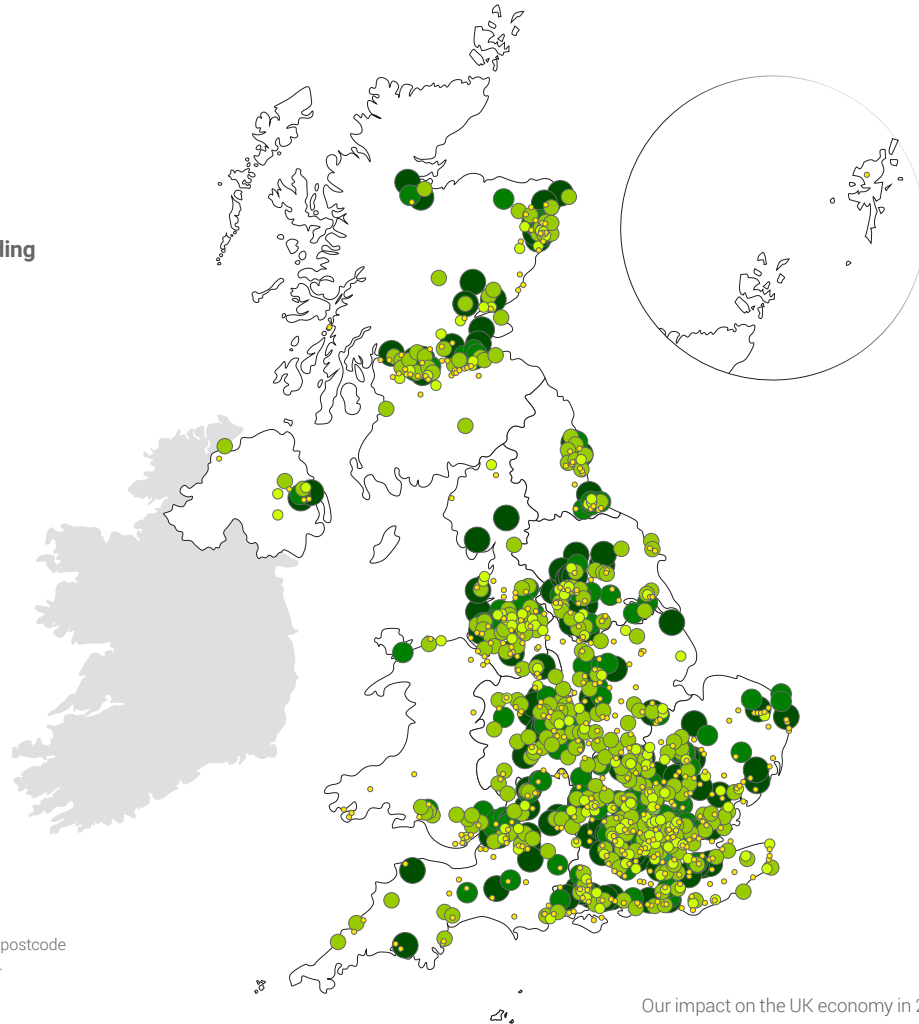
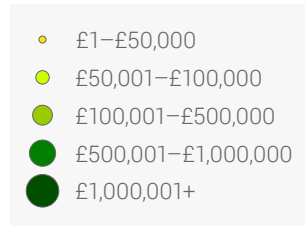
was spent with more than

540

suppliers of capital goods and services

^a Of bp's procurement, £4.7 billion (or 88% of the total) has a UK postcode associated with it; the remaining £615 million (or 12% of the total) does not have a UK postcode. UK spending which does not map to a UK postcode is still included in bp's procurement spending for modelling purposes but does not contribute towards the regional distribution in this map.

Figure 2. bp's procurement spending by supplier location, 2023^b



^b Circles represent individual postcodes. Each postcode may contain one or more supplier addresses.

Case studies

Producing energy that the UK needs today and progressing our plans to help support a lower carbon future, sees us working with a wide range of businesses across the UK.

In 2023 we spent a total of £5.3 billion with UK suppliers. From Southampton to Shetland, we worked with a wide and diverse range of businesses, from start-ups to companies with over 100 years' experience. Through several projects we supported companies to trial new technologies, gain experience operating overseas, grow their workforce and build credibility in their respective markets.

These case studies shine a spotlight on some of the companies we worked with in 2023.



Multi-million pound bp contract to boost Camm-Pro's headcount by around 25%

SME headquartered in Aberdeenshire

Camm-Pro works with energy operators to deliver project management, integration and engineering, procurement and construction services across oil and gas, and energy transition projects.

Camm-Pro is helping bp deliver a new pipeline and onshore facilities on Shetland.

Working with bp has supported Camm-Pro to accelerate its growth plans and create more local jobs. It is now expected to increase its headcount by around 25%.



Costain helped Teesside first industrialize, now working with bp it is supporting its future

UK PLC headquartered in London

Costain is a UK infrastructure solutions company with offices in London, Manchester, Aberdeen and Maidenhead. Costain was involved in the creation of Teesside's first industrial cluster and retains a growing presence there today.

Costain has been working with bp on the development of Net Zero Teesside (NZT) Power and the Northern Endurance Partnership (NEP). Costain used advanced mapping technology to visualize and deliver the proposed pipeline routing which would help create the above ground CO₂ infrastructure – the first of its kind in the UK.

Working with bp on Teesside helped Costain continue its long legacy of being at the heart of industrial change in the region, while growing itself and supporting local jobs.

bp pulse's partnership with The EV Network helps expand the UK's electric vehicle charging infrastructure

Headquartered in London

The EV Network is creating a network of high-powered public charging hubs across the UK that help meet the changing transport needs of the country.

The EV Network and bp pulse signed a framework agreement in 2021 and delivered 10 EV charging projects in 2023, most notably launching a *Gigahub* at the National Exhibition Centre (NEC) in Birmingham – at the time of launch, the largest EV charging hub in the UK.



bp helps Empirisys scale and develop its AI safety technology

Start-up headquartered in Cardiff

Empirisys is a technology business whose cutting-edge data solutions create early warning signals that help mitigate process safety risks.

The business greatly accelerated the development of its technology by collaborating with bp and honing its AI methodologies by training its machine learning models using bp's vast data resources.

Founded in 2020 with a team of two, Empirisys now employs 35 people and has doubled its revenues every year since it started.

bp Ventures' investment in Dynamon creates new jobs in the EV transition

University spinout headquartered in Southampton

In 2023 bp Ventures invested in Dynamon, a data analytics software company founded at the University of Southampton.

Dynamon's EV fleet software uses data science to help support the commercial transport industry on its journey towards

a lower carbon future. It is bringing the use of advanced data tools to Britain's businesses, in a way that is accessible and actionable, to help them go electric.

The company's ambitious drive to create employment opportunities outside of London is becoming a reality, with more engineers in Southampton joining thanks to the bp Ventures investment.



bp is collaborating with academia to develop a new quantum device for sensing hydrogen

HYDRI consortium in Glasgow and London

bp is leading the HYDrogen sensoR for Industry (HYDRI) consortium, bringing together academia and industry, to unlock the power of quantum technology for the hydrogen economy in the UK.

The consortium is on a mission to develop a new handheld quantum sensor capable of detecting hydrogen at a safe distance – previously impossible. An industry-ready device presents a sizeable economic opportunity for the UK.

This project draws exclusively on the UK's expertise and supply chain in this field. In recognition of its technological and economic potential, the consortium received £2.5 million in funding from Innovate UK – the government's innovation agency.



bp and Johnson Matthey are working together on Teesside

British multinational PLC headquartered in London

Johnson Matthey is considered a world leader in technologies reducing carbon emissions and has been collaborating with bp for decades, including on the development of sustainable biofuels.

Johnson Matthey is set to play a vital role in bp's plans to produce hydrogen on Teesside. Its innovative approach to hydrogen production, known as LCH™ technology, has been selected for H2Teesside^a, which, if it goes ahead as planned, could be one of the biggest blue hydrogen production facilities in the UK.

a Project subject to final investment decision (FID).



Wood's North Sea projects with bp support high-quality jobs

British multinational headquartered in Aberdeen

Wood is a global leader in consulting and engineering across energy and materials, employing 35,000 people across 60 countries.

In 2018 Wood was appointed to provide engineering, procurement, construction, and commissioning services for the Seagull development which came onstream in 2023 – the first tieback to the Eastern Trough Area Project (ETAP) hub in 20 years.

Around 300 of Wood's engineers and consultants were deployed on the North Sea project from its early design phase, all the way through to construction, and now production. Wood's team, particularly the graduate designers and engineers, benefited from the opportunities to upskill and the unique experience of working on the Seagull project.

bp deploys Continuum Industries' AI technology for Morven wind farm

Scale-up headquartered in Edinburgh

Continuum Industries is helping to streamline the planning and development phase for building new infrastructure. It has created AI-powered technology that analyses geospatial data, biodiversity, planning rules and more – to select optimal routes for transmission lines, cables and pipelines.

Continuum Industries is working with the Morven offshore wind project^a, a joint venture between bp and EnBW. Its technology aims to accelerate and streamline planning for new connections that will bring the energy generated offshore to the national electricity grid.

Since it spun out of Edinburgh University, Continuum Industries has grown rapidly and the size of its team doubled in 2023.

b Depending on permits and contracts and subject to FID.



bp in the community

In the UK, as elsewhere, we want to be a business that makes a positive and sustainable difference to people's lives. This means investing time, skills and financial resources to engage with and support communities in the places where we operate across the UK.

Through a range of social investments and donations, we work with organizations to make a positive impact on society in areas such as education, employment and social mobility, workforce diversity and biodiversity.

In 2023 we responded to the cost-of-living crisis by donating more than £16 million to organizations that support some of the most vulnerable families in society.

Our employees donated £2.49 million to charitable causes, including matched funding from the bp Foundation.

More than 5,000 teachers used our free STEM resources, potentially reaching over 380,000 students.

Some 370 young people participated in our work experience programmes across our UK offices.

Tackling food poverty

In 2023 our work continued with UK charities dedicated to addressing food poverty and reducing waste. We have been supporting Feeding Families, a food poverty charity based in north-east England, to help provide food to those who need it most.



Transition skills on Teesside

Twenty students started the bp-funded Clean Energy Technician Scholarship Programme at Redcar & Cleveland College in 2023. The bespoke two-year engineering course specializes in the skills needed for the future.



Keeping UK youth centres up and running

We provided funding to OnSide, the national youth charity behind Youth Zones – a network of state-of-the-art youth centres located in some of the UK's most disadvantaged communities. There are 15 Youth Zones in the OnSide network, providing 55,000 young people with life-changing opportunities and support.

Urban forestry programme

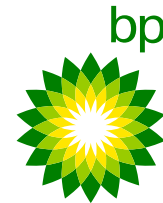
In 2023 we announced a new initiative with Future Woodlands Scotland – the Urban Forestry Programme – which aims to increase the number of trees and green spaces in Scotland's towns and cities. In support of the planned Morven offshore wind farm project, we are looking at contributing up to £10 million to urban areas where creating green space is anticipated to be of the most benefit to people.



Get into Retail with The Prince's Trust

We partnered with The Prince's Trust to help up to 50 disadvantaged young people get into paid work. The 'Get into Retail' programme gives participants access to valuable work experience and employability training. By the end of 2023, 14 out of the initial 18 participants had secured permanent employment with bp.





Scan this QR code to access
Oxford Economics' methodology

This document contains information that has been taken from bp's 2023 UK Economic Impact Report and should be read together with that report in its entirety. The main report is available at bp.com/uk/eir

See pages 50 and 51 of the full report for information about the basis on which the report was prepared and the disclaimer and cautionary statement.