SHAPING SCOTLAND'S ECONOMY

INWARD INVESTMENT PLAN BROCHURE

"We must aspire to be the inventor and the manufacturer of the digital, high tech and low carbon innovations that will shape the future, not just a consumer of them."

Rt Hon Nicola Sturgeon MSP, First Minister of Scotland

MINISTERIAL FOREWORD

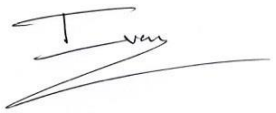
I'm delighted to present this introduction to Scotland's Inward Investment Plan.

Ours is a dynamic, connected and open nation, and a world-class location for doing business. This Plan sets out our strategy for inviting and supporting new investment which aligns with our values and goals as a technologically enabled, carbon neutral and inclusive economy.

This brief introduction is supported by the full text of the Plan, which is available on the Scottish Government website: Shaping Scotland's Economy - Scotland's Inward Investment Plan.

If you're considering setting up or expanding a business in Scotland, moving an existing business to the country or opening a branch here, further help and advice is available through Scottish Development International.

Building Scotland's future today.



Ivan McKee MSP
Minister for Trade, Innovation and Public Finance

A CULTURE OF VALUES

Scotland has a great tradition of enterprise, and a business culture rooted in the values of fairness and sustainability.

We believe that health, happiness and equality are fundamental to sustained economic success, as well as to our national quality of life. These values align with those of many potential inward investors, who increasingly place benefits to society and the environment at the heart of what they do.

Our model of economic growth, and attracting new commercial opportunities, has inclusion, sustainability, the creation of well-paid, fulfilling jobs and a transition to a net zero carbon economy at its heart. This is helping us fulfil our national mission to create new clean green jobs.

Our strategy is already paying dividends, and for the last seven years, Scotland has attracted more new projects than any part of the UK outside London.

OUR VALUES AND AMBITION

Sustainable, inclusive growth in a **carbon neutral economy**

Collective wellbeing at the heart of economic strategy

A **Fair Work Nation** by **2025**

Our **National Performance Framework** identifies outcomes for a more successful country

WHY INVEST IN SCOTLAND?

With an educated workforce, well developed infrastructure and a highly collaborative culture, **Scotland is a great place to set up and run a business**. Meanwhile, our magnificent natural environment and cosmopolitan cities contribute to an exceptional quality of life.

Our long history of innovation in science and engineering continues today. Dynamic sector clusters and connected supply chains are already in place. **Investors benefit from industry networks, dynamic research communities and best practice in knowledge sharing**, all from day one.

Scotland is a stable, safe and secure location with transparent government and robust institutions. Led by Scottish Government and Scottish Development International, our public sector provides a 'Team Scotland', joined-up approach in supporting inward investors.

And locating to Scotland is affordable. The business cost profile here is one of the most competitive in the UK, **with set-up costs up to 40% lower than London**.

SCOTLAND – A BUSINESS FRIENDLY LOCATION

Workforce and Research

- Ranked first out of 36 OECD countries for high-level qualifications
- 15 universities, including 5 in the global top 200
- More top research papers than any other part of the UK
- 7 innovation centres connecting business, academia and research

Business Costs

- A flexible and business-friendly environment
- Competitive tax regime
- Low set-up costs

Transport and Infrastructure

- 5 international airports
- Journey time between major cities as little as 44 minutes
- 100% of Scottish businesses and homes covered by 5G by 2021

Quality of Life

- Exceptional schools, healthcare and leisure opportunities
- Living costs around 30% lower than London
- Cities repeatedly ranked among best in world for quality of life

Global Brands choose Scotland

- Top brands like JP Morgan, Amazon, Sky Plc, Glaxosmithkline, Morgan Stanley, KPMG, Barclays, Baillie Gifford, FujiFilm, Capgemini, and more are already here and realising the benefits of locating their businesses in Scotland

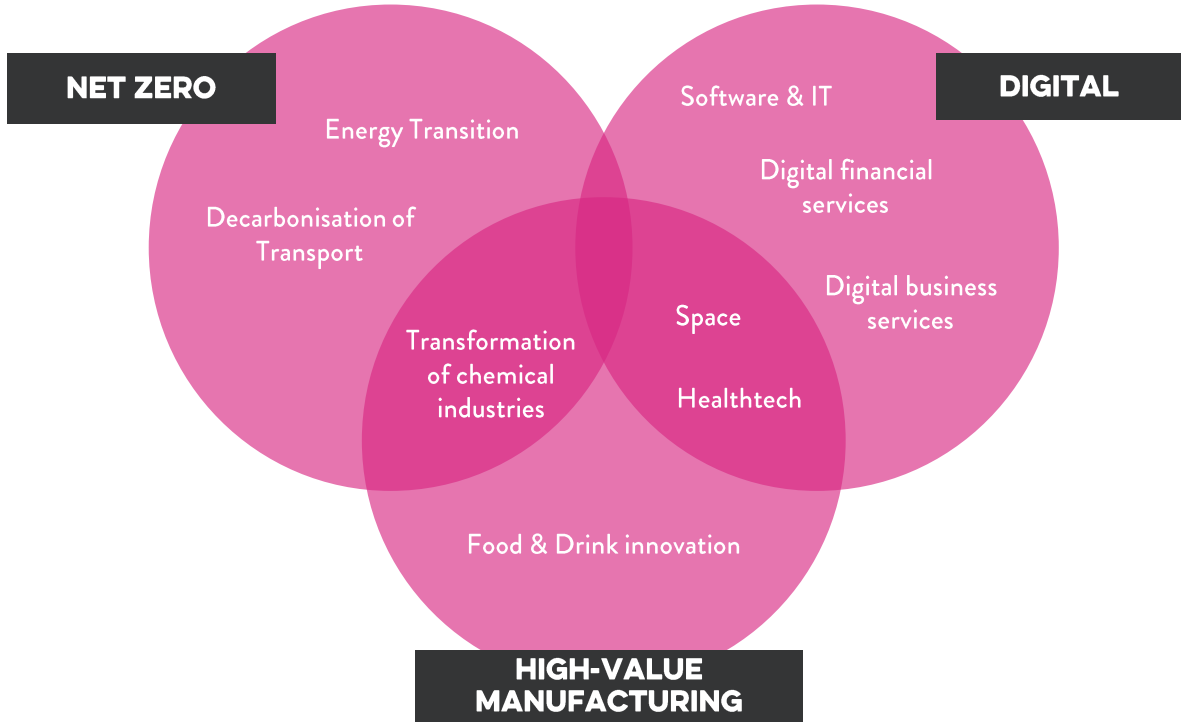
SCOTLAND'S PLAN – WHAT'S DIFFERENT

Scotland has a new plan for inward investment

We're moving away from an opportunistic approach and towards a **clear, evidence-based focus on what we do best, and what will be best for our future**. We will proactively identify the inward investors we want to work with, building relationships and supporting strategic decisions.

This is a game-changing shift which will maximize overall economic impact and align with wider social and environmental policy.

THE NINE OPPORTUNITY AREAS WHERE SCOTLAND'S STRENGTHS MEET GLOBAL DEMAND



Values-led pivot to create an inclusive, sustainable wellbeing economy

JOURNEY TO NET ZERO

Scotland is committed to becoming a **net-zero carbon society by 2045** - five years before the rest of the UK. This is a priority for the Scottish Government, accelerated by recent events including the Covid-19 pandemic.

Meeting our target means a transition from fossil-fuels to renewables, and with abundant natural resources, **Scotland is particularly well placed to make the shift**. We also have a wealth of relevant skills and experience among our workforce.

Scottish businesses and institutions are developing new technologies in a range of carbon neutral areas, including offshore wind, tidal and wave power, hydrogen for energy, and carbon capture. **We'll use our natural assets, proven skills and established infrastructure to support investors, providing certainty and confidence in the move towards a greener economy.**

More than 90% of Scotland's electricity already from renewables (2019)

An emerging Hydrogen Coast, integrating with renewables

A tradition of high-value engineering relevant to new renewable technology

The UK's largest wind farm, producing 539MW

HIGH VALUE MANUFACTURING

Scotland has a proud history of manufacturing high-quality, high-value, relatively low-volume products. **The manufacturing sector will play a vital role in the future of Scotland's sustainable economy.**

Encompassing sectors from **food and drink to life sciences and space**, manufacturing in Scotland employs a high proportion of highly skilled people with engineering, design, digital and commercial skills.

Our natural assets and geography make Scotland suitable for key growth areas, including the space sector and renewables. A strong collaborative spirit links industry and academia with public sector organisations, such as the NHS for life sciences and pharmaceuticals. Scotland's reputation in food and drink is globally renowned, and set to double in value to £30 billion by 2030.

Our ambitions are unlocking new and exciting opportunities in manufacturing, and potential investors have the chance to be part of this inclusive growth.

In the last two years, Glasgow has built more satellites than any other city in Europe

Precision Medicine Living Lab pioneering cutting-edge science in clinical settings

Advanced Manufacturing Innovation District Scotland (AMIDS) being developed as an internationally recognised centre for innovation, research and manufacturing

The iconic Scotch whisky industry exploring new technologies to aid Scotland's sustainable growth ambitions

TOWARDS A DIGITAL SCOTLAND

At least 9,400 digital technology companies already at work

Scotland's has its own digital skills academy, CodeClan

The UK's first fintech cluster of excellence, one of only three in Europe

One of Europe's leading financial centres

The digital industrial revolution offers opportunities for all nations, but **Scotland is better placed than others to make the most of it**.

With our **vibrant start-up ecosystem and world-class universities**, we enjoy a competitive advantage in software, IT, gaming, fintech, and emerging technologies like AI and VR. **Our digital output** provides products and services across a wide range of sectors, ranging from **public service and banking to renewable energy and space exploration.**

For investors in the digital economy, Scotland is a low-risk decision. The biggest names in finance, technology and retail are already here, making the most of our vibrant fintech cluster, our highly skilled and cost-effective workforce, and our collaborative, internationalist spirit.

APPENDIX

NINE OPPORTUNITY AREAS

ENERGY TRANSITION

Global Demand

A global shift away from fossil fuels is driving demand for renewable energy and associated technology.

Scotland's Strengths

Scotland benefits from exceptional expertise and experience in the energy sector. Our natural resources and transferable skills put us in a leading position in the transition to net zero

Assets and Skills

Offshore Wind

- Natural assets include 25% of Europe's offshore wind resource
- Established programmes of research, innovation and certification at three universities

Hydrogen

- The Hydrogen Coast initiative, incorporating world-leading projects
- A new Hydrogen Hub in Aberdeen, already attracting international investors
- Hydrogen projects addressing energy storage, mobility and heating

Carbon Capture and Storage (CCS)

- A legacy of natural and built assets from the North Sea oil and gas industry
- Exceptional offshore engineering skills and experience – essential to delivering the transition
- St. Fergus gas terminal, in development for both hydrogen production and CCS

Decarbonising Heating and Cooling

- Scotland's future legislation will create demand for heat pump technology and other technologies such as electrification and hydrogen, attracting early inward investment

Hubs, Clusters and Organisations

Scotland is home to a number of technology organisations ready to support new and existing businesses in the energy transition field. These include Aberdeen's OGTC and the Offshore Renewable Energy Catapult in Glasgow, as well as established centres based at the nation's universities.

Training, Research and Institutes

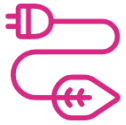
- Our universities and institutes lead the world in renewable energy technology
- Around 13,000 people currently studying relevant courses and modules
- Energy Skills Partnership links teaching and training with industry needs
- Embedded work-based learning programmes include wind turbine and GWO qualifications

A National Vision

Scotland's vision of a net zero, sustainable economy by 2045 will not only enable us to deliver a green economic recovery, but also help us to respond to the global climate emergency and impacts of the Covid-19 pandemic.

25% of Europe's offshore wind resource

Scottish universities researching offshore wind technology



13,000 Scots studying renewable energy courses

Hydrogen Coast and Hydrogen Hub initiatives driving innovation

THE CASE FOR SCOTLAND

Scotland's natural and built assets, expertise and experience put us in a unique position to **lead the transition from fossil fuels to renewable energy**. We have exceptional, relevant training and research programmes in place, together with an established **network of support for new and growing businesses**.

DECARBONISATION OF TRANSPORT

Global Demand

Governments, businesses and individuals around the world are increasingly moving away from fossil fuels, driving exponential growth in electric vehicles and other technology for sustainable transport.

Scotland's Strengths

Scotland's skilled engineering workforce and versatile, adaptable manufacturing sector are ready to meet growing demand for carbon-neutral transport solutions. We're already leading the field in electric and low-carbon marine vessels, buses and emergency vehicles. Our EV charging network is the most comprehensive in the UK, and we're developing hydrogen refuelling capacity across the country.

Hubs, Clusters and Organisations

Key Projects

- Europe's largest hydrogen bus fleet in Aberdeen
- The UK's biggest electric taxi fleet in Dundee
- The world's first hydrogen dual-fuel refuse collection vehicles in Fife
- Michelin Scotland Innovation Parc in Dundee
- Hydrogen projects in Orkney
- National PACE charging network

Businesses and Organisations

- Alexander Dennis Ltd, electric and hydrogen buses
- Hillend Engineering, zero-emission heavy-duty vehicles
- Logan Energy and Hyrdrasun, integrated hydrogen fuelling systems
- Emergency One, zero-emission fire and emergency service vehicles
- Calmac, diesel-electric hybrid ferries (a world first)

Training, Research and Institutes

- Driving the Electric Revolution centre of excellence at the University of Strathclyde
- The Hydrogen Accelerator at St Andrews University
- Battery chemistry and fuel cell research at St Andrews
- World-leading transport logistics research at Heriot-Watt
- Transport Research Institute and hub for ULEVs at Edinburgh Napier University

A National Vision

Scotland's National Transport Strategy recognises the economic and environmental benefits of sustainable transport for consumers, communities and businesses. The strategy will keep us at the forefront of global growth in Ultra Low Emission Vehicles (ULEVs) markets.

Europe-leading projects in carbon-neutral buses, taxis, utility vehicles and ferries

Leading academic research in battery chemistry, fuel cells and hydrogen

Established manufacturers of low-emission public, utility and emergency vehicles

A National Strategy for decarbonised transport

THE CASE FOR SCOTLAND

Scotland has already scored a string of world and European 'firsts' in electric and hydrogen vehicles. A National Strategy focusing on sustainability - together with world-leading training and research – will keep **Scotland at the forefront of the innovative and low carbon transport industry**.

SOFTWARE & IT

Global Demand

The digital revolution is driving global demand for software products and IT expertise in all sectors, from local government and healthcare to financial services and space technology.

Scotland's Strengths

Scotland has a dynamic digital technology sector, and is now home to world-leading software and game developers, digital agencies, and IT service companies. Our university courses and work-based learning produce a steady stream of highly qualified digital professionals, while a network of business support is in place to attract and encourage investment and growth.

Our Share of the Sector

- Scotland has so far attracted 1.3% of inward investment projects and 1.4% of jobs coming into Europe in the digital sector. These figures are 30% and 40% above population share
- Over 9,400 Scottish companies are primarily involved in digital technology
- Around 100,000 people are employed in Scotland's digital technology industries

Hubs, Clusters and Organisations

- ScotlandIS, the membership and cluster management organisation for Scotland's digital industry
- CodeBase Digital Tech Hub, Edinburgh, the largest tech incubator in the UK
- Creative Clyde, Glasgow, a flourishing community of media, technology and creative digital businesses
- Techcube, Edinburgh, a collaborative business hub for the digital sector
- Seabraes Zone, Dundee, a flexible, supportive hub for the city's successful digital media and creative industries

Training, Research and Institutes

- Scotland's computing science courses are evolving in line with industry demand, and encompassing areas of growth including ethical hacking, digital health and fintech
- CodeClan, Scotland's national digital skills academy, has been established to help fast track talented people into digital technology roles through a blended delivery model
- ScotlandIS is working to redress the gender balance in the digital industries through a new Diversity and Inclusion Group
- ScotlandIS has been running a paid placement programme for the last 10 years securing paid placements within the industry for our students studying at Scottish universities.

A National Vision

Scotland's vison is to place itself at the forefront of the digital industrial revolution. We will use our existing strength as a destination for the tech industry to create opportunities across a range of sectors to deliver positive economic and social outcomes for people, communities and business alike.

9,400 established digital businesses in Scotland

Inward investment 30% higher than population share, and jobs 40% higher

100,000 people employed in digital technology roles

Emerging sectors for digital business include space tech and public sector

THE CASE FOR SCOTLAND

Scotland's mature IT and software industry offers opportunity, support, and a reliable supply of highly qualified talent. **Training and research is evolving with industry demand**, building capability in growing areas while welcoming both start-ups and expanding businesses.

DIGITAL FINANCIAL SERVICES

Global Demand

The global market for financial services is estimated to be worth $26 trillion, with an emerging fintech market valued at around $40 billion, and projected to grow.

Scotland's Strengths

Scotland has an exceptional history and track record in both finance and technology, and we're uniquely equipped to bring the two together in the booming fintech sector. One of Europe's leading financial centres and the most important in the UK outside London, Scotland is already home to major players in banking, insurance and the pensions industry. Scotland has been recognised as the UK's first fintech centre of excellence, one of only three in Europe.

Hubs, Clusters and Organisations

Banking and Finance in Scotland

- RBS, TSB, Lloyds, Barclays, Virgin Money, Tesco Bank and HSBC in banking
- Morgan Stanley, JP Morgan, Baillie Gifford, Citi, Blackrock in asset management
- M&G Prudential, Aviva, Standard Life Aberdeen, Royal London in financial services
- NCR, BT, Sopra Steria, Fujitsu, Checkpoint in global financial technology
- FNZ, Nucleus Financial, Modulr, Direct ID, Encompass, Money Dashboard in fintech

Financial Technology Hubs

- RBS Entrepreneurial Innovation Accelerator Hub in Edinburgh
- JP Morgan's European Technology Centre in Glasgow
- NCR's Centre of Excellence in Dundee
- University of Strathclyde Financial Regulatory Research Centre in Glasgow
- The Lloyds Banking Group's Digital Innovation Hub in Edinburgh

Training, Research and Institutes

FinTech Scotland, the cluster leadership body facilitating collaboration including:

- 9 Scottish universities provide more than 50 banking, finance and risk management courses
- Fintech qualifications offered by 6 Scottish universities, including the UK's first at Strathclyde
- Edinburgh University School of Informatics, the largest in Europe and ranked first in UK
- Glasgow, Aberdeen and St. Andrews among Scottish universities with strong AI involvement
- RBS working with Edinburgh University's new Bayes Centre for Data Science and Innovation

A National Vision

Scotland has an exceptional history, experience and track record in financial services. Scotland has been recognised as the UK's first fintech centre of excellence which includes the formation of the Global Open Finance Centre of Excellence, supporting sustainable, inclusive growth; delivering social and economic benefits to communities and individuals.

Second largest financial hub in the UK

50 banking and finance courses at Scottish universities

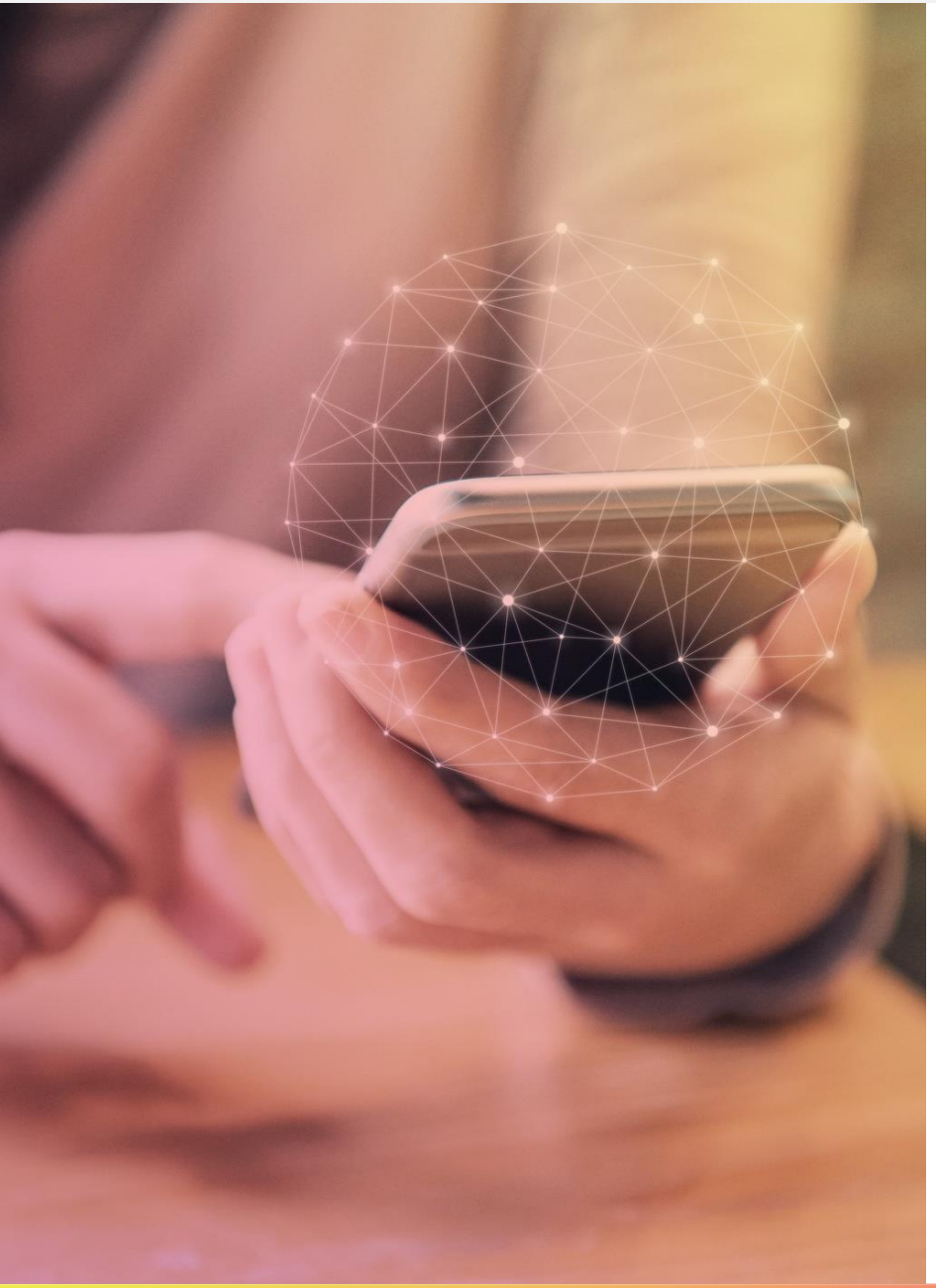
88,000 people employed in financial services

8,500 studying finance and accounting each year

THE CASE FOR SCOTLAND

Scotland is one of Europe's fintech centres of excellence, with major hubs in four cities, and our universities are pioneering the teaching of relevant subjects. **Experience, capability and talent in finance and technology combine in Scotland's unique fintech cluster offering to the global digital financial services community**.

DIGITAL BUSINESS SERVICES



Global Demand

The global business services industry (GBS) includes outsourced and in-house services like finance and accounting, HR, payroll, legal services and technical support. The GBS market was worth around $211 billion in 2019.

Scotland's Strengths

Scotland is in a strong position to benefit from continued investment in GBS, and from new opportunities linked to technological, economic and political factors. Over the last three years, Scotland has attracted 2.2% of total projects and 3.4% of GBS related jobs flowing into Europe. Companies choosing Scotland are attracted by a talented workforce, and well-developed infrastructure and connectivity.

Hubs, Clusters and Organisations

- GBS businesses are present throughout Scotland, with significant clusters in Glasgow, Edinburgh, Aberdeen and Inverness
- World-leading companies choosing Scotland for GBS operations include:
    - Amazon
    - KPMG
    - Barclays
    - JP Morgan
    - Morgan Stanley
    - Capgemini
    - Cigna
    - Tesco

Training, Research and Institutes

There are over 150,000 people employed in GBS in Scotland, and companies working in the sector can access Scotland's Apprenticeship Programme to attract new talent and up-skill an existing workforce. Elements of the programme include:

- Foundation Apprenticeships in business skills
- Modern Apprenticeships in business and customer services
- Masters level qualifications in Graduate Apprenticeships and Business Management

A National Vision

Over the last decade, around 30% of foreign direct investment in Scotland has come from the GBS sector. Scotland's ambition is to use this as an opportunity to attract higher value operations, more complex customer services, and business focused on new technology including AI, cyber, AR and blockchain.

Global Business Services market worth around $211 billion

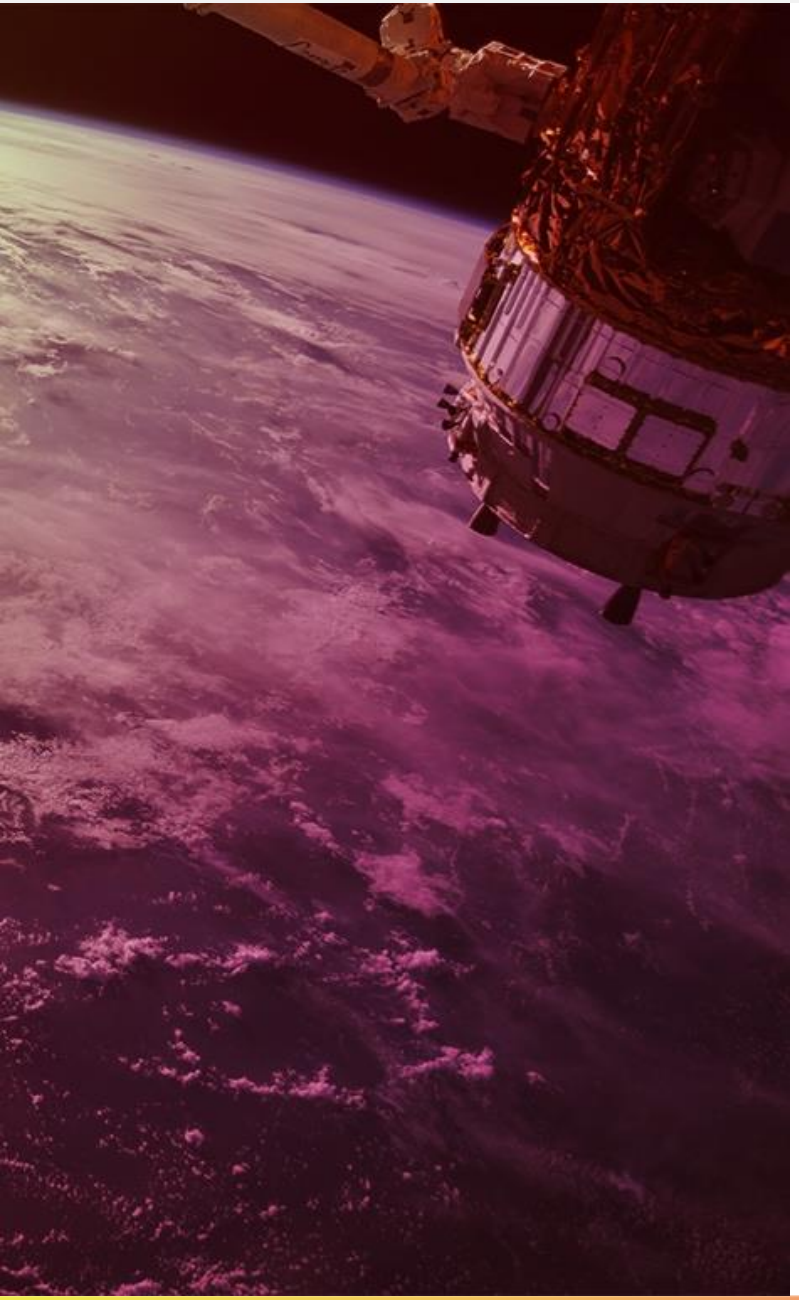
30% of FDI in Scotland coming from GBS sector in past decade

150,000 Scots currently employed in GBS sector

Scotland attracted 3.4% of new GBS related jobs flowing into Europe in last three years

THE CASE FOR SCOTLAND

Many of the world's most dynamic companies have chosen Scotland for their business service operations, and our mature GBS industry is providing opportunities to attract higher value, more complex projects. **A highly talented workforce and well-developed infrastructure and connectivity put us in a strong position for growth.**



Global Demand

The global space market is expected to be worth £400bn by 2030. Use of satellite data and its applications is accelerating, as is the demand for design, build and launch of satellite-bearing rockets.

Scotland's Strengths

Scotland already punches above its weight in space, with 8,000 people directly employed in the sector. Our geography, established industries and research activity combine to put us in an enviable position to exploit this fast-growing sector.

Assets and Skills

Natural and Built Assets

Scotland is a great place to launch satellites, as our geography and topography offer ideal locations for reaching the most useful orbits. There are currently five commercial spaceports under development in Scotland, including vertical launch sites in Shetland, Sutherland and the Western Isles, and sites for horizontal launch at Prestwick and Machrihanish with anticipated operational dates in the early 2020's.

Skills and Experience

Glasgow alone builds more small satellites than any other city in Europe. Our established capabilities in data analysis, software and electronics are all applicable to the growing space industry.

Hubs, Clusters and Organisations

- 133 companies currently operating in the space sector in Scotland
- Glasgow's satellite manufacturing cluster includes Spire, AAC Clyde Space and Alba Orbital
- Rocket manufacturers and launch operators Skyora and Orbex already active in Scotland
- Scottish-based satellite data businesses include Ecometrica, Global Surface Intel, Bird.i and Astrostat

Training, Research and Institutes

- The UK Astronomy Technology Centre in Edinburgh
- The Higgs Centre for Innovation, a business incubator for space start-ups, in Edinburgh
- University of Glasgow's Integrated Space and Exploration Technology (I-SET) laboratory
- Tontine in Glasgow, a growth accelerator for space and technology businesses

A National Strategy

Scotland's ambition is to become Europe's leading commercial space nation and to capture 1% of the global space market by 2030. We will work with the Scottish Space Leadership Council to raise our national profile as the home of 'agile space', with an ambition to become a leading global destination for industrial space businesses.

133 companies employing around 8,000 people

More satellites built in Glasgow than any other European city

A global market estimated at £400 billion by 2030

Space Hub Sutherland to be UK's first vertical launch site, operational in early 2020s

THE CASE FOR SCOTLAND

While Scotland's established businesses and advanced research activity lead the space industry in Europe, **our geography and topography make us uniquely suited to the next stage – full end-to-end satellite design, build and deployment, all in one country.**

Global Demand

Technology is revolutionising healthcare, allowing patients to monitor and manage their health while remaining independent, increasing efficiencies for healthcare systems around the world. The healthtech market is estimated to be worth $150 billion globally, with significant potential for future growth.

Scotland's Strengths

Scotland has a long history of innovation in healthcare, and a rich talent pool and academic excellence in digital health, data analytics, AI and other key specialisations. More than 7,000 people work in healthtech companies across Scotland, and our universities and colleges produce around 17,000 graduates with relevant skills every year.

Hubs, Clusters and Organisations

While healthtech businesses operate throughout Scotland, a number of important clusters and institutes are concentrated in our major cities. These include:

- Bio-therapeutics Hub for Innovation on Aberdeen's Foresthill Campus
- Inverness and Highland life-sciences cluster
- Scottish Health Technologies Group in Edinburgh
- Edinburgh's BioQuarter, a leading global destination for research and entrepreneurship
- Industrial Centre for Artificial Intelligence Research in Digital Diagnostics (iCAIRD), Imaging Centre of Excellence, and Precision Medicine Scotland, all at Glasgow's QEU Hospital
- Precision Medicine Living Lab at the University of Glasgow and a wider network of Scottish Innovation Centres including the Digital Health and Care IC, CENSIS and the Data Lab
- UK's Medicines Manufacturing Innovation Centre in Renfrewshire, a centre of medicines manufacturing excellence, aims to maximise technology opportunities within medicines supply chain
- Medical Device Manufacturing Centre at Heriot Watt University in Edinburgh

Support for Businesses

Scotland has an enlightened approach to collaboration within the sector, characterised by 'The Triple Helix' of business, academia and the NHS. A strong ecosystem of support includes:

- The Health Innovation Assessment Portal, linking companies with qualified NHS stakeholders
- The Scottish Health Technologies Group, which assesses health technology within the NHS
- Scottish Health Innovations Ltd, set up by the Scottish Government to encourage new ideas in healthtech

A National Vision

As well as making a vital contribution to Scotland's economy, our collaborative approach to innovative healthtech has made a major contribution to the global response to Covid-19. Our life science sector has contributed to the test supply chain, and to vaccine and therapeutics development.

Over 150 businesses operating in healthtech in Scotland

17,000 graduates with relevant skills per year

7,000 Scots currently working in healthtech companies

Precision Medicine Living Lab at University of Glasgow awarded £38m in funding

THE CASE FOR SCOTLAND

A unique 'Triple Helix' culture of collaboration between business, academia and NHS Scotland helps support a thriving healthtech industry. **A proud history and heritage of innovation in medicine and a wealth of expertise in relevant technology, put Scotland at the forefront of this dynamic, important and fast-growing sector.**

TRANSFORMATION OF CHEMICAL INDUSTRIES

Global Demand

Industrial biotechnology is an emerging field of clean, sustainable manufacturing, which is set to replace the petrochemical-based industries of the past. The global market for industrial biotechnology is projected to reach $577 billion by 2026.

Scotland's Strengths

Scotland is a key location for investment in the emerging biotechnology industry, and over the last three years we've won 3% of the new jobs created in the field in Europe. Investors are attracted by a qualified talent pool, including around 1,000 graduates in relevant subjects per year, together with 10,000 skilled staff already working in the sector. Scotland's chemical sciences research base is consistently ranked within the top three in the world.

Assets and Skills

Assets

- CMAC, based at the University of Strathclyde, which is revolutionising the manufacturing of pharmaceuticals
- The IBioIC (Industrial Biotechnology Innovation Centre) in Glasgow
- The UK Decarbonisation Research and Innovation Centre at Heriot Watt University in Edinburgh
- The major petrochemical industrial site and port at Grangemouth

Skills and Training

A collaboration between industry and academia has produced 'The Life & Chemical Science Workforce Development' tool, which helps potential employers identify and source skills provision across Scotland. We're continuing to develop training provision across life and chemical sciences, particularly in engineering, digital, and quality and regulatory roles.

Hubs, Clusters and Organisations

- There are over 150 chemical companies in Scotland including GlaxoSmithKline, DuPont Teijin Films, Syngenta, FujiFilm and DSM.
- Among 120 industrial biotechnology companies in Scotland are Celtic Renewables, Ingenza, ScotBio, MiAlgae, Horizon Proteins and Cuantec

A National Vision

Scotland's immediate vision for industrial biotechnology is built largely on transforming Grangemouth. This major petrochemical site will be a hub for sustainable, high-value manufacturing which will move the industry towards net zero emissions. The first steps include new pilot plant and demonstrator facilities to test CO2 re-use and create new, clean biorefinery processes.

Global industrial biotech market worth $577 billion by 2026

150 chemical companies and 120 biotech companies in Scotland

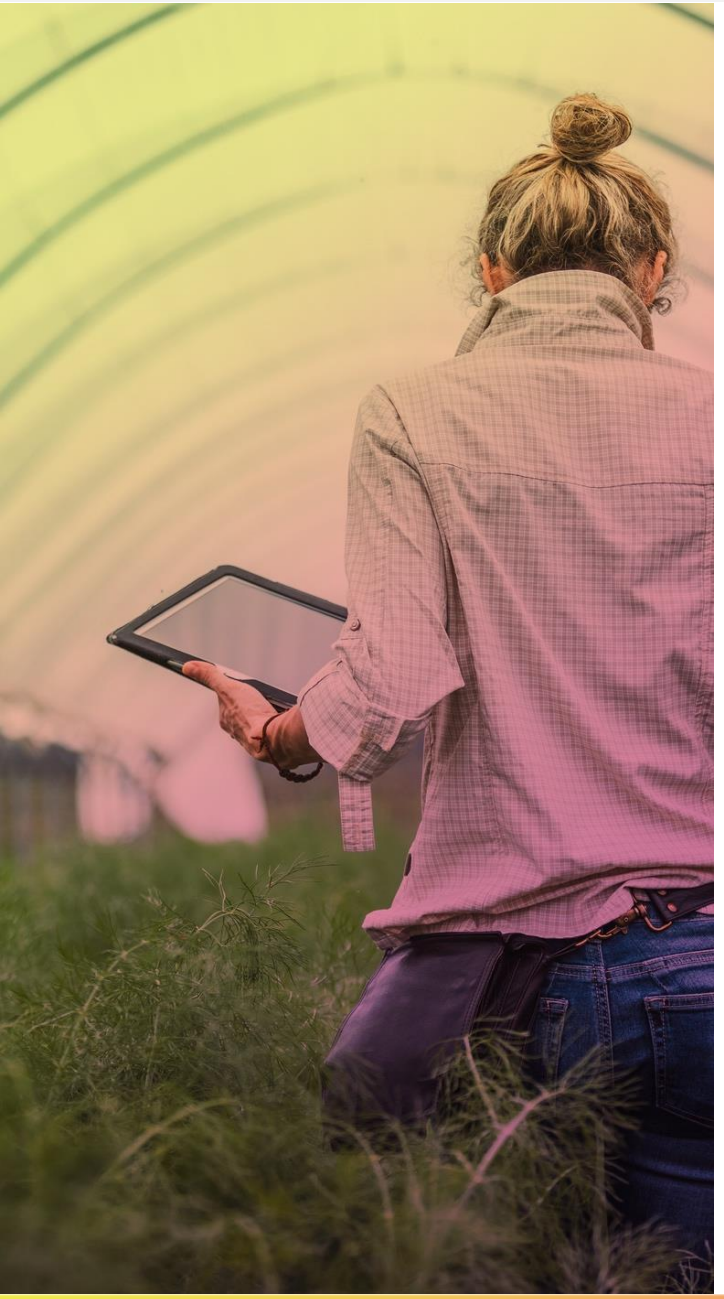
10,000 Scots working in sector, plus 1,000 graduates each year

Major projects in Glasgow, Edinburgh and Falkirk Region

THE CASE FOR SCOTLAND

With 10,000 people working in the sector and at least 1,000 new graduates in relevant subjects each year, Scotland is a key location for the chemical sector and the emerging biotechnology industry. **The Scottish Government has an ambitious vision to support further investment, with the transformation of Grangemouth and many other projects around the country ensuring a great future.**

FOOD AND DRINK INNOVATION



Global Demand

Food and drink is a leading sector within Scotland's economy, generating £15 billion in annual sales, including £6 billion in exports. Global interest in the provenance and quality of Scottish produce is set to continue, while innovative methods will help create healthy, sustainable new products for the global market.

Scotland's Strengths

Led by iconic products like whisky, seafood, beef and lamb, Scotland enjoys an international reputation for exceptional quality in food and drink. Natural assets in our landscape are matched by a highly skilled workforce and a full range of skills provision in farming, fishing and food production, while significant investment and support is helping the industry progress through innovation.

Training, Research and Institutes

- The James Hutton Institute is making a major contribution to issues in food production, agritech and environmental sustainability
- Aberdeen University's Rowett Institute, a global leader in nutrition research, is helping companies develop healthier food and drink products
- The Scottish Aquaculture Innovation Centre is helping to tackle sector issues, including the welfare of farmed fish and the industry's environmental impact
- The Scottish Association for Marine Science – UK's oldest marine research organization
- The Loch Arthur Community, a commercially viable model of production including people with learning disabilities
- Dumfries Farmers Market is developing a business case for a sustainable central distribution and transport model
- Scotland's Rural College was awarded £50,000 by UK Research and Innovation to fund a detailed Strength in Places application, which will help create a more efficient and resilient dairy industry

Skills Provision

Scotland offers a full range of skills provision for the food and drink industries. From foundation apprenticeships through to degree and postgraduate level qualifications, our universities and colleges produce a steady stream of talent with relevant skills.

A National Vision

The industry continues to explore new and innovative methods of production, collaborating with leading universities and engaging with new developments through NMIS, the National Manufacturing Institute Scotland. We have Scotland Food and Drink, the only body of its kind in the world set up to enable government and industry to work together. SEFARI, meanwhile, is a network of six world-leading research institutes focusing on food and drink, agriculture and the environment, with a highly successful track record of working with industry.

£15 billion sales annually, including £6 billion in exports

Aquaculture alone supports 2,000 direct jobs, and 10,000 in the supply chain

Global recognition for iconic food and drink products including whisky, fish, meat and dairy

Innovative projects and companies throughout Scotland

THE CASE FOR SCOTLAND

Scotland has a rich heritage within the food and drink industry, illustrated by the unparalleled success of the iconic Scotch whisky and seafood products. Global interest in the providence and quality of Scotland's food and drink has never been higher - combined with a far-sighted approach to R&D in agriculture, aquaculture and production, the industry offers exceptional opportunities for investment. Start-ups, expanding and relocating businesses will thrive in a highly supportive environment.

To find more about Scotland's Inward Investment Plan, please visit the Scottish Government website

www.gov.scot/publications/shaping-scotlands-economy-scotlands-inward-investment-plan

To find more details about investing in Scotland, please visit Scottish Development International

www.sdi.co.uk

investment@scotent.co.uk

+44 300 013 2734

© 2021 Scottish Government