



Expand Bristol & Bath

Innovate
Create
Collaborate
Grow

Bristol & Bath...

the next big step for your business

Offering world-class industry clusters, a deep talent pool, global transport links and a unique culture of cross-sector collaboration, Bristol & Bath is where international companies excel.

Situated just 90 minutes from London, this city region offers highly competitive property prices and exceptional connectivity. Companies benefit from super-fast broadband, an expanding airport – currently connecting to more than 100 destinations around the world – a deep-water port, a motorway hub and fast train links.



Beyond all this, the key draw for international organisations such as Aardman Animations, Airbus, IBM, GE, Hewlett Packard and Intel lies in its booming sectors: hothouses of creative and digital production, hi tech, low carbon, aerospace and advanced engineering, and professionals services – all powered by a dynamic research and development base.

That's why there have been so many global firsts here: Concorde's first flight, the world's first robot to be powered entirely by microbial fuel cells, key breakthroughs in the industry-changing A350 plane, and not least, the creation of the world's most beloved stop-motion characters, Wallace & Gromit.

We look forward to helping your company expand and thrive in this dynamic region.

Bristol & Bath: the UK's most competitive and productive core city economy.

In Bristol & Bath you can...



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Innovate

inject passion and new ideas

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Create

speed up productivity and time to market

12-13

Join world-leading clusters

- > Aerospace and advanced engineering
- > Creative and digital
- > High tech
- > Low carbon
- > Professional and financial services

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Collaborate

create new revenue streams by joining forces with other pioneers

18-21

Grow

flourish, expand and export

Innovate

“Last year we filed more patents than ever. Truly original ideas come to life when people dare to be different, and our environment inspires us to do that. It’s a combination of inventive engineering, passion for technology and brave design.”

Sir James Dyson, inventor



Made in Bristol & Bath

The future starts here

Expand to Bristol & Bath and be at the heart of a stimulating and creative environment, offering the attitude and infrastructure to turn ground-breaking ideas into world-class products and services.

The city region is a proven test bed, playing a leading role in the development of quantum computing and 3G, 4G and 5G. The National Composites Centre is an innovation powerhouse for the design and rapid manufacture of composites, while pioneering science and tech is taking shape at the Bristol and Bath Science Park.

Bristol & Bath is where it all started for world-famous inventor James Dyson; where one of Europe’s largest robotics labs is mapping the future in automation; and where the tide is turning for green energy thanks to leading-edge hydro energy tech developed by GL Garrad Hassan and Siemens Marine Current Turbines.

Bristol & Bath is where extraordinary business ideas become reality.

Be part of it.

Bristol & Bath has produced
11 Nobel Prize winners

Innovate

“In Bristol & Bath we’re working on the A350, the world’s most elegant and refined long-range aircraft, due to enter service with Qatar airlines at the end of 2014. It’s an advanced composite aircraft at the cutting edge of technology that will revolutionise long-haul travel for years to come with big reductions in operating costs, fuel and noise emissions.”

Mark Stewart, Director, Airbus

**Designed in Bristol & Bath
Made for the World**

© Airbus

The place to innovate

In Bristol & Bath you'll find:

- > Europe's no.1 business incubator, SETsquared Partnership.
- > Revolutionary research into the future of wireless technology at Toshiba's Telecommunications Research Laboratory, University of Bristol and University of Bath.
- > World-class research base featuring the National Composites Centre, Centre for Nanoscience and Quantum Information, and Bristol Robotics Laboratory, one of Europe's largest robotics hubs.
- > Globally renowned inventor James Dyson, who exports to more than 50 countries.
- > Next generation of wireless chips at 60GHz, designed by startup Blu Wireless.
- > The UK's first institute of bio-sensing technology.
- > Pioneering 4D facial recognition technology for military detection and medical diagnosis.
- > New innovation hub Engine Shed: £1.7m has put Isambard Kingdom Brunel's innovative train station at the core of Bristol's Enterprise Zone, complete with creative and high-tech companies.
- > Top UK early-stage tech investor Eden Ventures.
- > 'Fly-by-wire' innovation at Stirling Dynamics, which is applying aircraft control technology to submarines.
- > 3D ceramic printing patented here.
- > Space and support for high-growth companies at University of Bath Innovation Centre.
- > Bloodhound SSC, which aims to be the fastest car on earth reaching 1,000mph.
- > Radical aeronautical energy savings of 25% through the development of the Airbus A350.

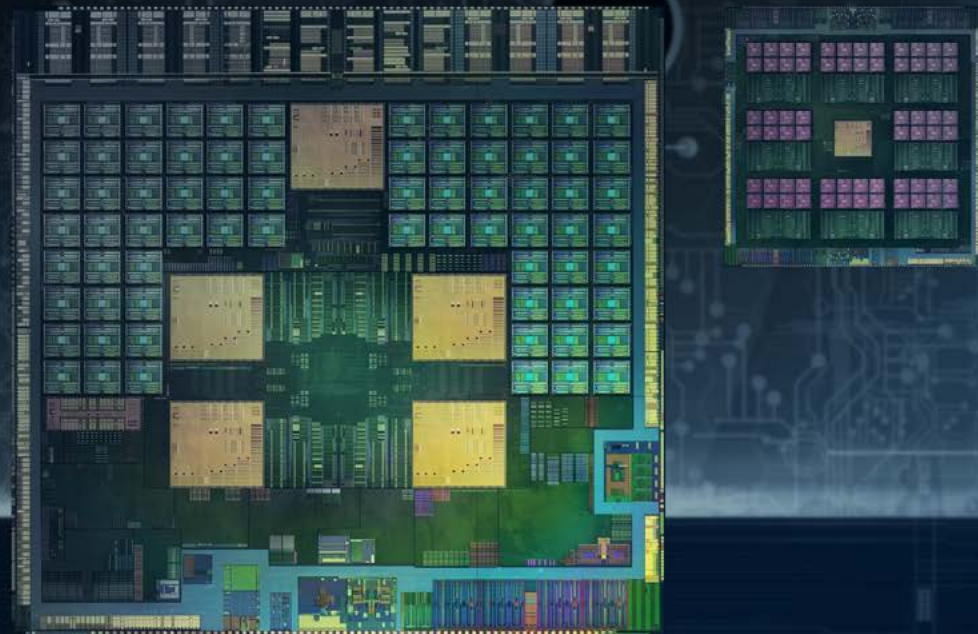


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Create

“The technology we develop here in Bristol & Bath delivers the latest 4G functionality to smartphones, tablets and other connected devices – and it takes the smartest engineers to develop. Bristol & Bath is a great area to recruit engineers.”

Steve Allpress, Head of Modem Qualification, Nvidia



© Nvidia

Made in Bristol & Bath

Built in Bristol & Bath - delivered to the world

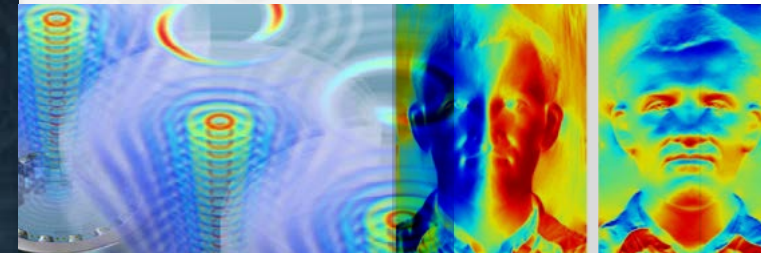
With its advanced business infrastructure and huge talent pool, it is no surprise that Bristol & Bath is the UK's most productive region outside London.

Strong, integrated supply chains and an abundance of skilled and educated staff is another vital ingredient: a 600,000-strong workforce lives in the region, educated far above the national average.

World-class transport links complete the picture: the area is home to one of the world's leading deep-water ports, and is a key UK hub for fast road, rail and air links.

All this gives your business the opportunity to go further, faster. Silicon chips designed in Bristol & Bath are used in all four corners of the world, powering cars, electronic items and telecom equipment, while IMDb, HP, Cray Supercomputers Inc, Amdocs and Toshiba have all grown their output since moving here.

To get in on the ground floor, take a look at the region's five new areas of growth (see pp 12-13) set to become exemplar business districts offering close-knit ecosystems of R&D, production and distribution.



© University of the West of England

Create

“Toshiba chose Bristol & Bath because of the wealth of talented individuals and technological expertise in the area. And its rail links, airport and location near the M4 and M5 make it well placed for the fast-moving communications industry.”

Professor Ian Craddock, Managing Director,
Toshiba Telecommunications Research Laboratory

Made in Bristol & Bath

The place to create



© Bloodhound and © Aardman Animations

In Bristol & Bath you'll find:

- > A quarter of the world's natural history film production.
- > World-leading silicon chip design: seven of the top ten global telecom providers have a chip designed here; Bristol & Bath chips are in half of all new cars globally and in more than a billion TV set-top boxes.
- > New £70m Airbus aerospace park, growing the region's 100-year aerospace legacy.

A third of the UK's aerospace and defence GDP.

2,200 hectares of development land across one Enterprise Zone and five Enterprise Areas.

5G, 'beyond wireless' and photonic super-fast broadband researchers and developers.

The Bottle Yard Factory, one of the UK's largest international TV and film production facilities.

Pioneering organic food brand Yeo Valley, one of Europe's biggest dairy producers.

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The home of world-leading clusters

Bristol & Bath's five key clusters bristle with world-class research and development teams, advanced manufacturing facilities and some of the globe's most successful companies.

Aerospace and advanced engineering

British Concorde prototype G-BSST set off on its 22-minute maiden flight from Filton in 1969, and since then the area has been at the centre of the largest cluster of aerospace and defence firms in the UK.

Fourteen out of the 15 biggest international players have landed in Bristol & Bath, including BAE Systems, Boeing, United Tech Corporation, Airbus and Rolls-Royce.

Why this sector is booming

- A uniquely skilled workforce of over 60,000 engineers.
- The UK's most powerful research area thanks to four leading universities and high tech cluster.
- Strong, integrated supply chains of over 800 companies.
- Outstanding centres of excellence including Bristol Robotics Laboratory, Bristol and Bath Science Park and the National Composites Centre, the latter leading in collaborative aeronautical research.
- Home to Ministry of Defence Procurement Centre and its annual £14bn budget.

Creative and digital

Excelling in digital and commercial content, Bristol & Bath ranks among the top ten creativity and innovation hotspots in the UK, according to the National Endowment for Science, Technology and the Arts (NESTA).

Global exports from two creative clusters include Oscar-winning Aardman Animations, Top Gear magazine, best-selling albums from Massive Attack and Portishead, and the BBC Natural History Unit series Planet Earth which has aired in 140 countries.

Organisations making their home here include The Yogscast, Endemol West, e3, Future Publishing and hundreds of other creative media content and technology companies specialising in publishing, TV, video, film, animation, gaming, software development and photography.

Why this sector is booming

- More than 500 million users every month view digital content produced in Bristol & Bath.
- Home to the world's biggest YouTube gaming channel, The Yogscast.
- World's biggest cluster of natural history film-making, contributing 25% of natural history films worldwide.
- Global leaders based here include Aardman Animations, Future Publishing, Nokia Music and the BBC.
- The Centre for Digital Entertainment is collaborating with Aardman Animations, Disney and Double Negative to train future game-makers and animators.

High tech

Bristol & Bath is home to one of the largest clusters of silicon designers outside Silicon Valley. These global players focus on silicon, micro-electronics and high tech, and employ more than 18,000 highly skilled engineers at companies including Nvidia, Intel, HP, Imagination Technologies, ST Micro, Toshiba and IBM.

Half of all new cars manufactured globally contain an engine management chip designed in the region. And one billion microprocessors shipped by global market leader STMicroelectronics have been developed here.

Why this sector is booming

- Home to one of the largest semiconductor clusters outside Silicon Valley.
- Leading the way in high-performance computing with internationally groundbreaking research in quantum computing.
- Attracting \$6bn of foreign investment in the last decade.
- Hosting a city-wide ultra-high speed test bed for wireless and fixed networks, placing the region at the vanguard of mobile communications, 'smart cities' and autonomous systems.
- Home to one of Europe's largest robotics laboratories, Bristol Robotics Laboratory, the leading and largest academic centre for multi-disciplinary robotics.

Low carbon

The low carbon economy is a vital component of a sustainable and prosperous future, and Bristol & Bath is leading the way.

Global players DNV GL and Siemens Marine Current Turbines are here, alongside leading low-carbon strategists and professional service advisers. Tidal energy, one of the most exciting low-carbon sectors, has Bristol & Bath at the vanguard with exceptional local expertise and natural resource. Meanwhile, Low Carbon South West brings together business, academia, regional and national agencies generating a thriving, connected ecosystem.

Why this sector is booming

- Bristol has been awarded the title European Green Capital 2015 – recognising its global impact and supercharging investment.
- Consistent growth above the national and European average since 2008.
- Core market opportunities including harnessing the second highest tidal range in the world, new nuclear developments and an ambitious retrofitting programme.
- A unique mix of sea access, suitable land and finance is enabling a European export hub for reprocessing materials and manufacturing in the 'circular economy'.
- Home to world-class global multi-disciplinary environmental consultancies including AECOM, Arup, Atkins, DNV GL and Buro Happold.

Professional services

A third of FTSE 100 companies have a base in Bristol & Bath, supporting a flourishing network of lawyers, accountants, architects, management consultants and financial advisers.

The area is also home to the Chartered Institute of Management Accountants' Centre of Excellence, which explores the changing face of finance, and trains the next generation of professionals.

Why this sector is booming

- Prime office rents in Bristol & Bath are up to 70% lower than that of London's West End.
- Loyal workforce: 42% of graduates in related sectors remained in the area in 2012.
- University of Bath's MBA is ranked second in the UK.
- The region is the preferred HQ of leading legal and professional services companies including Friends Provident, Burges Salmon, Hargreaves Lansdown, Lloyds Bank and Novia.
- Less than two hours from Canary Wharf, London, following Crossrail opening in 2017.



Collaborate

“Strong in financial services, low carbon, hi-tech, aerospace and creative industries...You can collaborate across the sectors and access everything you need to grow a business.”

Nick Sturge, Director, SETsquared

Made in Bristol & Bath

Where great minds meet

Bristol & Bath is a partnership hotbed, where international entrepreneurs bring together designers, engineers, technologists and academics to generate new ideas, products and services.

The region is home to eight centres of doctoral research, breaking new cross-sector ground in areas such as water, advanced composites and management.

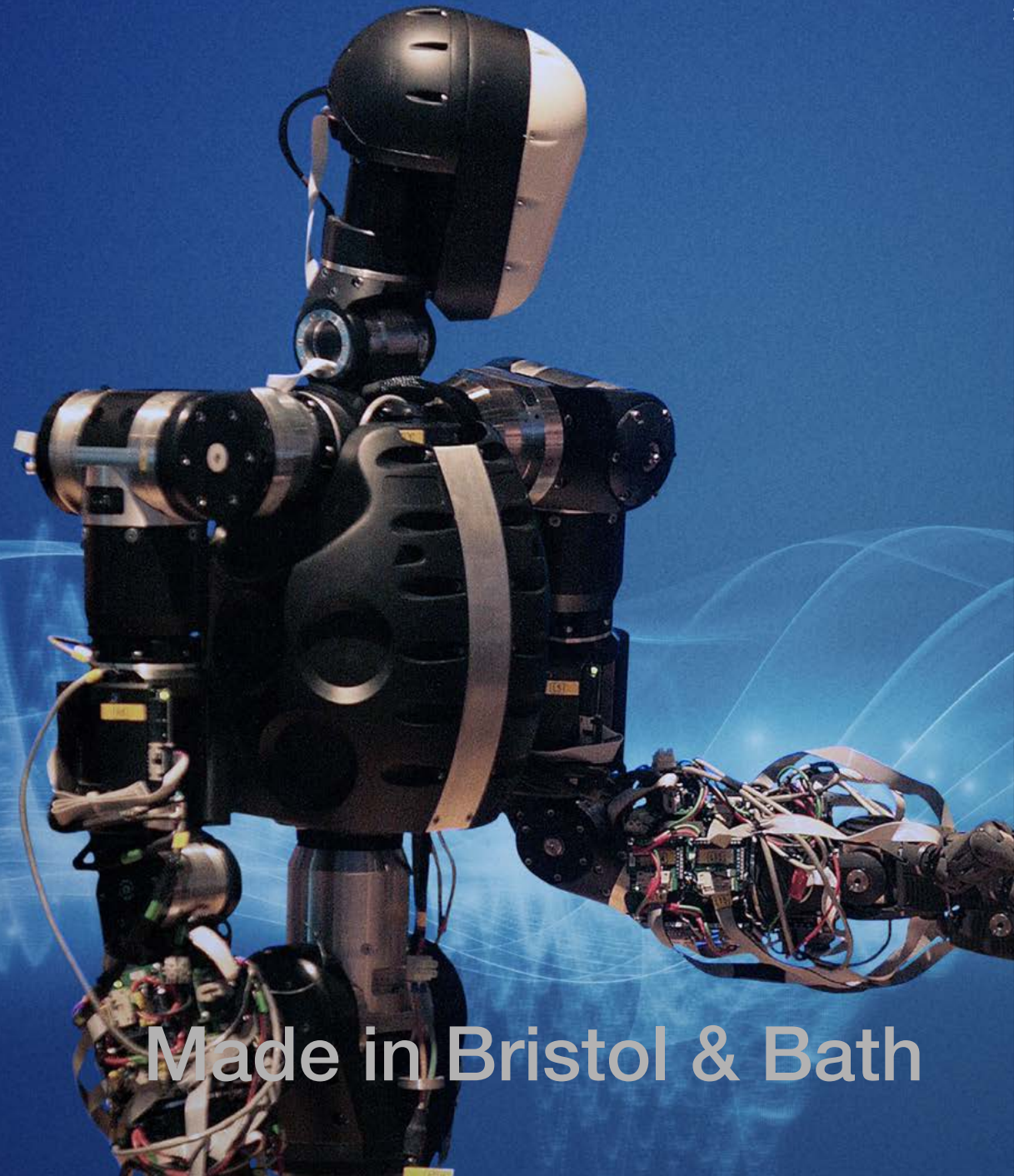
Power generation has taken on a green tinge with Rolls-Royce's acquisition of Tidal Generation Limited (TGL), while additive manufacturer HiETA and software developer Sysemia have joined forces with international technology company Renishaw to make a huge impact in 3D printing.

Bristol and Bath Science Park is one collaboration hotspot, offering space and support for businesses to work together. On the doorstep are corporate financial advisory firm ISCA Ventures, tidal energy tech experts Marine Current Turbines Ltd, electronics giant TDK-Lambda Corporation and medical devices business X-Bolt Orthopaedics, all working side by side.



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Collaborate



Made in Bristol & Bath

© Getty Images

The place to collaborate

In Bristol & Bath you'll find:

- > Commercial hubs such as Engine Shed, University of Bath's Innovation Centre and Guild, where entrepreneurs, business leaders, academics, students and corporates collaborate.
- > Airbus and GKN Aerospace collaborating in Filton to industrialise Additive Layer Manufacturing (3D printing).
- > Multi-disciplinary, globally renowned cancer research bringing together academics and clinicians from universities and research facilities.
- > Analysts and advisers to the Intergovernmental Panel on Climate Change.
- > A growing low-carbon industry, supporting emerging hybrid sub-sectors such as solar tiles and electric cars.
- > An aerospace cluster supported by University of the West of England (UWE), University of Bristol and University of Bath, and producing graduates ready to design and build aircraft or spacecraft.
- > The Centre for Digital Entertainment, which collaborates with Aardman Animations, Double Negative and Disney to train future game-makers.
- > The National Composites Centre bringing together seven national centres of excellence to accelerate the commercialisation of new manufacturing technologies.

"OC Robotics is working with Airbus... developing snake-arm robots to conduct in-wing assembly tasks such as swaging, inspection and sealant application."

Rob Buckingham, Managing Director, OC Robotics

Grow



Made in Bristol & Bath

© Siemens Marine Current Turbines

Where your business will bloom

The explosive growth of Orange, the relocation of Lloyds HQ and the rapid expansion of Hargreaves Lansdown all prove how businesses can flourish in Bristol & Bath.

For more winners, look to the huge global success of Aardman Animations or media and digital content business Future – the latter starting life in 1985 as a single magazine and now reaching more than 52 million consumers every month worldwide.

National and global connections are key: Bristol Airport, crowned the UK's best business airport, now flies to more than 100 international destinations, while there are fast rail links and major motorways on the doorstep.

Bristol port, one of the world's best deep-water ports, is a major growth story in its own right, now turning over £78m and keeping more than 7,000 people in work.



“After extensive research, LICenergy felt that Bristol & Bath offered the greatest potential for expansion. It's a geographically strategic base with high academic standards thanks to local universities. The vibrancy of the area matches our Danish roots.”

Morten Tobias Lind, MD of LICenergy UK Ltd

Grow



Made in Bristol & Bath

© Paintworks

The place to grow

In Bristol & Bath you'll find:

- > The most competitive and productive economy of any core city in the UK.
- > Access to the technology at the forefront of a global composites market growing exponentially and forecast to hit £17.5bn by 2016.
- > Advanced manufacturing output 20% higher than the national average.



- > Strong digital and games industry cluster producing 60 years' worth of content every week at The Yogscast.
- > An aerospace hotspot for a century, now employing 60,000 people.
- > A 600,000-strong workforce of highly educated people.
- > Venture capital: university incubators bringing in more than £250m.
- > World-leading High Performance Computing expertise and statistical analysis software, used by 18,000 organisations worldwide.

"Bristol & Bath is home to a number of world-leading high-tech and electronics companies. From Nvidia to Toshiba Research Labs, the region has the academia, knowledge and skilled workforce that make it one of the strongest tech clusters in the world."

Professor Joe McGeehan, Toshiba Labs

The place to be...

“What I love about Bristol is that it’s got the buzz of a city but you can still walk down the street and bump into people you know. There is a very good community feel.”

Nick Park, Creative Director, Aardman Animations



Next step Bristol & Bath

To find out more about how your business could innovate, collaborate, create and grow in Bristol & Bath, please contact:

Invest Bristol & Bath
e invest@bristolandbath.co.uk
t +44 (0) 117 943 4858
@bristbath

bristolandbath.co.uk



BRISTOL+BATH

Invest Bristol & Bath

e invest@bristolandbath.co.uk

t+44 (0) 117 943 4858

@bristbath

bristolandbath.co.uk

