MANCHESTER: COME CREATE THE FUTURE
Manchester: The Original Modern City

United Kingdom

Edinburgh

Manchester

London
Manchester has been creating the future for over 250 years. The original modern city; birthplace of the Industrial Revolution, ambition, creativity and pioneering new ways of working are part of the region’s DNA.

The city is where the atom was split, the first stored-program computer built, where the world’s strongest 2D material, graphene, was isolated and where 25 Nobel Laureates have been produced.

Today, the region is home to giants of both creativity and technology who collaborate to create the next wave of innovation.

An economic powerhouse with the UK’s fastest growing regional economy, Manchester has developed a strong reputation as a competitive place to do business and is fast becoming a magnet for attracting global talent, as well as the location of choice, for savvy investors.

The UK’s largest creative, digital and technology cluster outside London, Manchester has a thriving community of businesses, from start-ups and home-grown companies valued at or near $1 billion such as AO.com, Boohoo.com Missguided, to global players BBC, Google, IBM, Thoughtworks and Cisco. These companies sit side-by-side in our creative and digital clusters, incubators and co-working spaces, where they converge, collaborate and drive innovation. This is complemented by four leading universities with a proven track record for collaborating with industry on ground-breaking R&D in areas from health to data and cloud computing.

The city’s global connectivity, collaborative hubs, a roster of meet-ups and networking events, talent pool, cost-effectiveness and business support offer make Manchester the place for companies looking to innovative and drive the future of creativity and technology.

You can expect great things from the world’s original modern city and its people. So why not join us here, and come create the future.
250 years in the making

Manchester has always been ahead of the game, shaping and creating the world as we know it.

1783
First steam power mill set up by Richard Arkwright paving the way for mass production techniques

1803
Atomic Theory published by John Dalton, a precursor to all modern chemistry

1830
First passenger railway started operating from purpose-built station at Liverpool Road

1853
Microphotography and micro lms invented by John Benjamin Dancer

1880
First submarine launched, designed by Reverend George Garrett

1904
Rolls meets Royce at the Midland Hotel and set up company together

1917
Atom is split by Ernest Rutherford at The University of Manchester

1948
First stored program computer, “Baby” is developed at The University of Manchester

1978
First test-tube baby, Louise Brown, is born in Manchester
2000
Graphene isolated by Professors Andre Geim and Kostya Novoselov at the University of Manchester, world’s first 2D material

2004
Transitive produce Rosetta, a market game-changer and one of Apple and IBM’s most important software tools

2005
3D printer of human tissue developed at the University of Manchester

2010
Nobel Prize for Physics awarded to graphene scientists, the city’s 24th and 25th Nobel Laureates

2011
MediaCityUK, Europe’s largest purpose-built digital and media hub is awarded the status of the world’s first sustainable community by BREEAM

2012
2012 Olympics world’s first interactive tapeless sporting event broadcast from MediaCityUK

2015
National Graphene Institute opens pioneering research into the ground-breaking technology
Surgeons in Manchester perform the world’s first bionic eye implant in a patient

2017
Andy Burnham appointed first Manchester Mayor. Sets out vision for Manchester becoming the world’s smartest city

2018
Graphene Engineering Innovation Centre opens heralding the start of a world of possibilities for graphene in commercial applications, particularly technology
Supporting creativity

Population of 2.8 MILLION PEOPLE

82,300 people employed in creative & tech industries

24,000 STUDENTS enrolled on creative, technology, engineering and maths courses in Manchester

8,000 CREATIVE AND TECH COMPANIES

$5 BILLION invested into the sector over last few years

£59 BILLION local economy

Home to the world-renowned UNIVERSITY OF MANCHESTER’S SCHOOL OF COMPUTER SCIENCE

NEARLY 1,600 tech start-ups formed in Manchester in 2016

WORKFORCE OF 7.2 MILLION within 50 miles
UK’s Strongest Internet Exchange Point (IXP)

Best city for international connectivity outside of London with direct flights to over 200 destinations.

Networking infrastructure required to meet the needs of bandwidth-hungry creative and tech companies.

Operational business costs are up to 40% lower than London.

Manchester attracted 24,000 new workers from the South East in 2015.

Home to the

UK’s Strongest Internet Exchange Point (IXP)

outside of London

60 direct trains a day to London
derived from a journey time of just over 2 hours

Home to

BBC
itv
CISCO
IBM
Microsoft
Brown + Brown

Mackinnon Saunders
Eon Reality
Manchester’s creative, digital and technology sector employs nearly 82,300 people across 8,000 companies which contribute to the region’s $82.5 billion economy. They work across areas such as:

**A Thriving Sector**

### Digital Health
Manchester is a recognised leader in digital health. It is home to world's first large-scale, real world clinical trial, one of only four Health eResearch Centres that make up the UK’s Farr Institute, England’s first integrated e-enabled health trust and Europe’s flagship Connected Health Ecosystem. The Ecosystem enables early adoption of connected health solutions in the city region. This is complemented by a unique innovation system that supports businesses to work alongside NHS partners to accelerate new products into the NHS marketplace. Manchester also facilitates stage-gate deployments and shared risk models.

It is the only UK city region to integrate health and social care and have devolved control of its healthcare budget of £6 billion. This provides unique opportunities to improve patient outcomes, test new integrated delivery models, and adopt new systems and technologies. All of this is underpinned by an enhanced digital-health infrastructure that enables world-leading health-informatics platforms.

### Software and Data
Since the development of the Small-Scale Experimental Machine (Baby) and Ferranti Mark 1, the world’s first commercial computer, Manchester has continued to pioneer when it comes to computer science, software programming and development.

The region is home to a large number of world-class software companies and innovative start-ups. The University of Manchester’s School of Computer Science is renowned as a world-class centre of excellence in computing and research. With a steady supply of talented developers coming out of Manchester’s universities and companies training apprentices in a variety of programming languages, many companies such as the BBC, IBM and CISCO use the city as a hub for their R&D, data and software activity – both in-house and consultancy. Manchester also has strengths in data analytics, cloud computing, cyber security and text-mining.
E-commerce
In recent years the city has seen a phenomenal growth in the number of online retailers and Manchester is home to many high growth e-commerce companies such as Kitbag (Fanatics), Missguided, Boohoo.com, Rentalcars.com and AO.com, some of which are unicorns. The sector is further complemented by the growth in the mobile payments industry within the city, with global companies such as WorldPay, and Barclays all leading the way in mobile payments.

Manchester has the greatest concentration of e-commerce start-ups than anywhere else in the UK. This combined with access to specialists with skills in front and back-end development, data analytics and marketing and PR, as well as usability labs for platform and content testing that are open to the public, make Manchester the ideal environment to thrive.

The city’s central location and multi-modal transport infrastructure means it easy to ship goods to consumers, both within the UK and globally, making Manchester a preferred hub for global e-commerce, distribution and logistics companies.

FinTech
Manchester is a major financial and professional services hub, employing over 266,900 people who work at firms like BNY Mellon, Cooperative Bank, Williams & Glyn and RBS. This provides companies not only with excellent access to clients, but the expertise needed to help their business grow.

This mix of financial services and tech know-how has resulted in a growing cluster of FinTech businesses; from well-established companies supporting the financial services and retail/e-commerce sectors, to smaller firms developing novel solutions and disrupting current business models. Companies such as NCC Group, VST Enterprises, Hello Soda and Barclays Technology Centre work across a range of areas including harnessing big data to assess customer risk, developing innovative payment solutions, developing software for cyber security, cloud computing and mobile applications. Manchester is also home to a number of peer-to-peer lenders and financial aggregators like MoneySupermarket.com.
Broadcast & media production

Manchester’s been producing shows that have been viewed around the world for over fifty years. When it comes to broadcast and media production, our heritage is globally renowned. It’s not just limited to TV and film, our companies also produce multi-platform experiences, from content for games and mobile apps to virtual reality.

Broadcast and Media Production
The city provides a great backdrop for TV and film. When the world’s leading production companies want to recreate Victorian London, seek a stand-in for Manhattan, or require an edgy urban setting, they look no further than Manchester.

A key base for the BBC and ITV, Manchester’s broadcast and media industry is supported by the fastest growing talent and production facility base in the UK. Nearly 15% of production resources registered with Creative England are based in Manchester, complementing those of the BBC, ITV and large production companies.

Manchester’s global connectivity, locations, talent pool and cost-effectiveness are complemented by the UK’s generous film and television tax reliefs, making it the perfect place for production.

Animation and Gaming
Manchester has been producing some of the finest animated content for over 40 years; from Cosgrove Hall’s Danger Mouse to The Furchester Hotel, a CBeebies and Sesame Street co-production.

Some of the world’s most highly acclaimed talent have grown within Manchester working for companies such as Mackinnon & Saunders, Brown Bag Films, TT Games and Cloud Imperium. Their work is truly international and they produce content for the likes of Disney, Nickleodeon, Warner Brothers, 20th Century Fox, Lego, the BBC and Sony.

The region is HQ for the UK’s largest children's commissioners, the BBC (CBeebies and CBBC) located at MediaCityUK. The city is also home to world-class companies working across post-production, visual effects, motion capture, augmented reality, gaming, app development and digital design. Access to commissioners, a comprehensive supply chain and talented staff, combined with state-of-the-art facilities, make Manchester the ideal location for companies looking to create multimedia, multi-platform content for children.
The following were supported by Manchester-based companies:

Corpse Bride
Fantastic Mr Fox
Frankenweenie
Bob the Builder

Lego Jurassic World
Postman Pat
Pingu
A city of opportunities

Convergence and collaboration are driving digital innovation and creating a wealth of new opportunities. Manchester’s strengths lie in how our creative and tech clusters collaborate not only with each other, but across industry sectors.

Creative and tech companies work alongside the region’s established life sciences, healthcare, financial and professional services businesses to create the next wave of innovation.

A place of opportunity

The region offers a wealth of opportunities across:

ADVANCED MATERIALS: a centre of excellence for advanced materials and the home of the graphene, the world’s thinnest strongest and most conductive material. Graphene could potentially be used to create flexible phones, super-high speed computing, pliable wearable technology and much more.

ADVERTISING AND DIGITAL MEDIA: Manchester is home to the UK’s biggest regional advertising, marketing and design centre. Technologies such as AdTech and data analytics underpin the continued growth of this sector.

FINANCE AND PROFESSIONAL SERVICES: this well-established sector includes companies such as BNY Mellon, Lloyds Bank and Latham & Watkins, who collaborate with the region’s technologists to develop innovative ways to do business.

LIFE SCIENCES AND HEALTHCARE: the first British city to integrate primary and social care, Manchester offers unique opportunities to test and adopt new systems and technologies.

MANUFACTURING AND ENGINEERING: Manchester’s advanced manufacturing and engineering expertise is well known. Local businesses like NXP, Thales, Siemens and Ferranti actively work with tech companies to create the future of smart manufacturing.

PUBLIC SERVICES: our innovative public sector organisations work together to release and bring together data in one place, making it easier for developers to access.
CityVerve Smart Cities Demonstrator
Manchester is the UK’s designated Smart Cities demonstrator city. Supported by the UK government, its CityVerve project enables partnerships to test improvements in healthcare, transport, energy and environment, culture, and community using IoT technology. CityVerve enables IoT testing at scale providing a replicable model for other cities in the UK and beyond. It includes plans for talkative bus stops, which let bus operators know when commuters are waiting, and a network of sensors in parks and along commuter routes to encourage people to do more physical activity.

TRUSTECH
TRUSTECH is an NHS organisation that improves healthcare through the development of innovative products and services. TRUSTECH works with innovation from within the NHS as well as from business to develop and evaluate technologies for the NHS market and solve for unmet medical need. TRUSTECH has worked with many international med-tech companies to help them develop and adapt their technologies for the UK market.

BBC Connected Studio: Driving digital innovation
Connected Studio works in partnership with industry to drive digital innovation across the BBC. Connected Studio enables rapid prototyping of concepts that are then tested through BBC Taster; an experiential area where the BBC can publicly user-test digital projects early with a global audience. Recent pilots have tested various forms of digital storytelling including interactive video, binaural sound, personalised content and virtual reality.
Manchester’s Got Talent

With the largest regional travel-to-work catchment area of 7.2 million people within an hour’s commute, businesses can take their pick from a rich talent pool that makes up the city’s creative tech community.

Over 82,300 people are employed within the sector and the workforce is complemented by a constant flow of highly-skilled graduates joining the industry from the city’s universities, higher education providers, industry-led apprenticeships and training programmes.

From code clubs in schools, vocational training and university degrees, to private education and training providers, Manchester is nurturing a future pipeline of coders, software developers, data analysts, VFX specialists to drive innovation.

Manchester’s educational institutions provide the city with a world-class learning hub and there are nearly 24,000 students enrolled on creative, digital and ICT courses across our four universities.

The University of Salford has a campus embedded within MediaCityUK, with over 1,000 students training alongside industry-leading talent and the University of Bolton also offers degrees in film and media production.

Manchester Metropolitan University offers first-class courses across a range of areas including digital marketing, PR, computer games technology as well as a degree apprenticeship in technology solutions. Its Digital Innovation project brings together over 90 small businesses, with university teaching and research to drive forward digital creativity.

The University of Manchester’s School of Computer Science has always been a hot-bed of innovation. Its considerable contributions to the development of computing include Alan Turing’s programming, Transitive’s market-transforming Rosetta software, the first floating point machine, the first transistor computer and the first computer to use virtual memory.

Employer-led initiatives include IBM’s partnership with the University of Manchester, Adobe’s collaboration with the University of Salford. Manchester Creative Studio and MedicityUK’s University Technical College are both employer led schools offering technical and creative courses for 14-18 year olds. Cloud specialists ANS train up to 60 apprentices each year at their Cloud Academy, which is the first of its type in the UK.
KEY PLAYERS

Some of Manchester’s private digital education providers include:

HYPER ISLAND
a creative business school with a consultancy side specialising in real-world industry training using digital technology

EON REALITY
a free 12-month programme in interactive technology at their Entrepreneur School

THE JUICE ACADEMY
an industry-led social media apprenticeship, the first ever in the UK, which provides young people with the opportunity to work with some of the UK’s biggest names

PLAYGROUND SQUAD UK
offer full-time apprenticeships for games artists, designers and programmers

SHARP FUTURES
a creative digital agency and social enterprise supporting young people into employment through apprenticeships, work experience and volunteering

WHITE ROOM UK
provide training from short-courses and apprenticeships to large business change programmes and e-learning
An impressive array of digital and creative hubs can be found across Manchester; from university-backed incubators, science parks and commercial accelerators to collaborative co-working spaces. The region is constantly investing in its creative and tech future, and an ever-increasing number of accelerators and incubators are springing up across the region.

**MediaCityUK** is Europe’s only purpose-built hub for the creative, media and tech industries. It’s home to an exciting mix of over 250 businesses; from global brands such as the BBC and ITV to fast growth companies such as Formisimo and Carbon Digital. The site offers access to one of the most advanced communications networks in the world and provides flexible collaborative workspaces that enable businesses to grow. These include **The Landing**, an innovation hub offering office space, tech areas, such as a UX lab, a maker space and social spaces, **The Greenhouse**, created for start-ups and SMEs, as well as **Tomorrow**, and **Arrive**, two brand-new grow-on spaces for growth-stage companies.
The Sharp Project is home to over 60 creative digital entrepreneurs and content production companies. Businesses can benefit from flexible spaces; from campus membership, which provides a hot-desk, access to events and the Sharp Project community, through to offices in iconic converted shipping container and serviced work spaces. Tenants are also able to hire production spaces, studios and a range of high-spec event spaces. The Sharp Project is supported by a first-class technical, digital and power infrastructure.

Northern Quarter and City Centre
Self-starting and self-supporting, the Northern Quarter is a real life story of how hubs grow organically. Home to a vibrant, successful digital and creative community of over 150 companies, the area has long been a breeding ground for creative minds. Madlab, a centre of technical and creative innovation and invention, can be found here. SpacePortX, Rise Manchester and XYZ also provide co-working space where entrepreneurs can collaborate with peers and access skills-based workshops and training.

The Corridor is a unique location for businesses seeking a networked, collaborative and creative environment. Home to the UK’s two most applied to universities, it is the largest academic campus in the UK and the largest clinical academic campus in Europe. Its 60,000 strong workforce comprises innovative start-ups and successful spin-out businesses from the universities as well as multinationals. Location of CityVerve’s Smart Cities demonstrator, it’s home to Manchester Science Partnerships (MSP) a ground-breaking global centre of excellence which provides the right environment for innovation to flourish, and incubator spaces such as CISCO’s Mi-IDEA.
Manchester has a proud history of innovation; it is a city committed to entrepreneurship. The city has a genuinely collaborative attitude that is reinventing the way work is done. Its 82,300 strong creative, digital and tech community is supported by over 70 local creative, digital and tech networks.

The community has access to a range of events and meet-ups that take place across a variety of venues including digital hubs and co-working spaces. These include CoderDojos, business clubs, digital health networks, ecommerce get-togethers, Ladies that UX, the Friday Drinkabout MCR and the Lean Conf, to the more social workshops with beer and pizza and weekly yoga.

There are also a range of support organisations such as Manchester Digital, Creative pro.manchester, MPA and OpenData Manchester that host events, workshops, clinics and conferences for Manchester’s active creative, digital and tech community.

**A Vibrant Community**

**KEY PLAYERS**

**MANCHESTER DIGITAL**

an independent trade association for digital businesses in Manchester, which brings together organisations and individuals from all parts of the industry.

**MPA**

the largest creative industries association in Europe is dedicated to bringing people from the creative and tech industries in Manchester closer together through a series of social and networking events.

**PRO.MANCHESTER**

the largest business development organisation in the region, with over 280 companies and 5,000 individual members from the financial and professional services. A creative pro.manchester committee helps connect these businesses with the city’s digital, creative and media sector.
Manchester is a global exporter of culture, TV and film. From world-renowned football teams to a music scene that has shaped the musical tastes of generations, Manchester has an enviable reputation as a great place to live and work.

The city has a rich and diverse cultural and theatre scene, with several world-class museums and art galleries, and a calendar of festivals and events covering everything from film, literature, music, comedy, food and drink.

The UK’s fastest growing city offers a cosmopolitan place to live, work and play; an affordable city with a great mix of cultural and social events. It’s no wonder Manchester’s been voted one of the world’s most liveable city’s ahead of London, New York and Rome (The Economist Intelligence Unit, 2017) a position that it has held since 2011, and ranked the 7th most exciting in the world (Time Out 2018).

The city is surrounded by stunning countryside and four national parks are all within an hour’s drive. Manchester is the perfect base to explore the North of England, with the vibrant city of Liverpool and historic Chester all within easy reach.
Supporting Innovation

Whether you are an established business looking to reinvent itself, or a start-up with a disruptive technology that will be a game changer, Manchester provides the ideal environment to support your growth and harness innovation.

In addition to UK-wide incentives such as the creative industry and R&D tax reliefs, there are a number of funding schemes and loans to support the growth of Manchester’s businesses. Manchester is said to be Europe’s second city when it comes to private equity, in terms of the number of firms and the amount they are investing in the region (British Private Equity & Venture Capital Association, 2016).

Looking to finance your business in Manchester?

**Support includes**

**CO ANGEL INVESTMENT** – an innovative service with a focus on early stage co-investment from syndicates of sector-specific business angels

**ACCESS TO FINANCE** – a service that supports businesses that need advice to maximise their success in raising finance or alternative capital

**GROWTH MENTORING** – one-to-one mentoring support focuses on the individual

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**Start Up Loans**
£500 - £25k

**Business Loans**
£3k - £100k

**Micro Loans**
£25k - £50k

**Loan Funds**
£100K - £5m

**Equity Investment**
£150k - £4m

**Export Finance**
£3k - £250k

**Loan Funds**
£100K - £5m

**Equity Investment**
£150k - £4m

**Export Finance**
£3k - £250k
How Manchester Can Help

Manchester is a city committed to entrepreneurship and there are a number of organisations, initiatives and funding programmes designed to support Manchester’s creative and digital businesses, and help them to thrive and grow.

MIDAS, Manchester’s inward investment agency, can signpost businesses towards all the relevant initiatives and provide guidance on funding, which include loans from £10,000 up to £5 million to enable growth and develop new products. Other areas of support include angel investment, accelerators, enterprise zones, knowledge transfer partnerships and tax relief.

MIDAS can help you and your business with relocation and expansion plans. MIDAS has a reputation for understanding diverse business needs and helping to remove any barriers for companies looking to locate or expand into Manchester.

MIDAS’ specialist business development team can assist you with a range of free, bespoke packages of confidential support that will make your journey as smooth and simple as possible.

The services provided by MIDAS, and the sister companies within The Growth Company, are also available to intermediaries such as location consultants, will save you money, time and effort and enhance your project with the expert knowledge and local intelligence that result in a faster and more successful move.

MIDAS’ Services
Free support includes:
• Research support and business case development
• Introductions to local networks
• Recruitment and training support and advice
• Property solutions
• Relocation advice and assistance
• Post-investment PR support

Contact MIDAS and see how Manchester can help you create future innovation.

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What People Say

“I’m obsessed with Manchester. I’m a huge fan of the Manchester music industry. People here are so open and funny, but while people want to go to work in LA, as a comedy writer and someone who has been in the animation and the creative industry for many years, Manchester is the place to be”

Josh Weinstein, former writer and executive producer, The Simpsons and Futurama

“The region, especially with MediaCityUK, has a huge talent pool of trained people so it ticks all the boxes.”

Simon Hall, Managing Director, Cosgrove Hall Fitzpatrick

“We saw Manchester as the clear choice because as a city it really punches above its weight. With huge names including IBM, the BBC and ITV all choosing to set up here, we are assured that Manchester is a solid destination for the software industry.”

David Cape-Brown, TOPdesk, Branch Manager

“We’re growing with offices in other cities but Manchester is where we have been headquartered for over 50 years. It has always been a great city to do business in; forward looking, vibrant, full of creative people, great universities and a history of great music, fashion, culture and sport to inspire the creative sector.”

Paul Smith, Content Director, Citypress

The BBC, the world’s oldest national broadcasting organisation has moved a significant amount of its output from London to MediaCityUK. Around 2,700 staff work across 26 departments including BBC Children’s, BBC Sport, BBC Radio 5 Live, and Future Media and Technology.

“Manchester is a vibrant, well-connected place with an infrastructure which is world-class. Its spirit, culture and academic prowess made it a pretty obvious choice for the BBC’s Northern HQ. It gave us the chance to develop a new culture that was more collaborative, open, fluid and digital”

Peter Salmon, Director England, BBC

Twice Oscar-nominated animation studio Brown Bag Films launched a new 2D animation studio at The Sharp Project in 2015. The company has produced many high-profile international children’s shows including Doc McStuffins, Octonauts and Noddy in Toyland.

“We are very excited to get back to our hand-drawn animation roots with this studio and Manchester’s such a brilliant and vibrant city with so much talent to offer.”

Cathal Gaffney, CEO, Brown Bag Films
Manchester: Come Create the Future

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