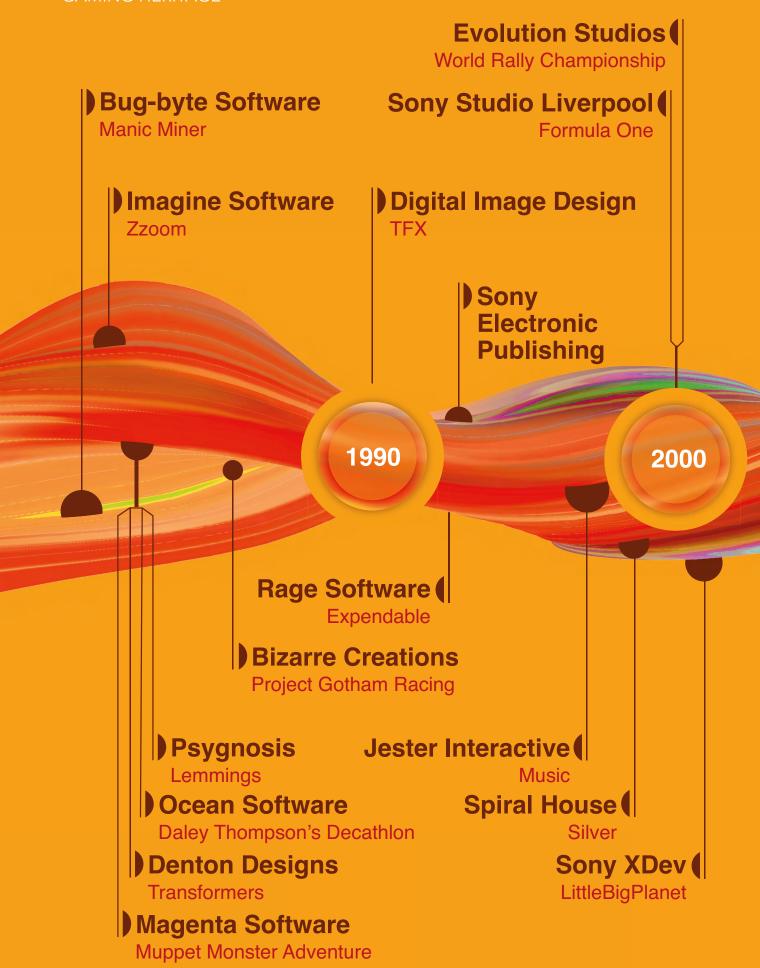


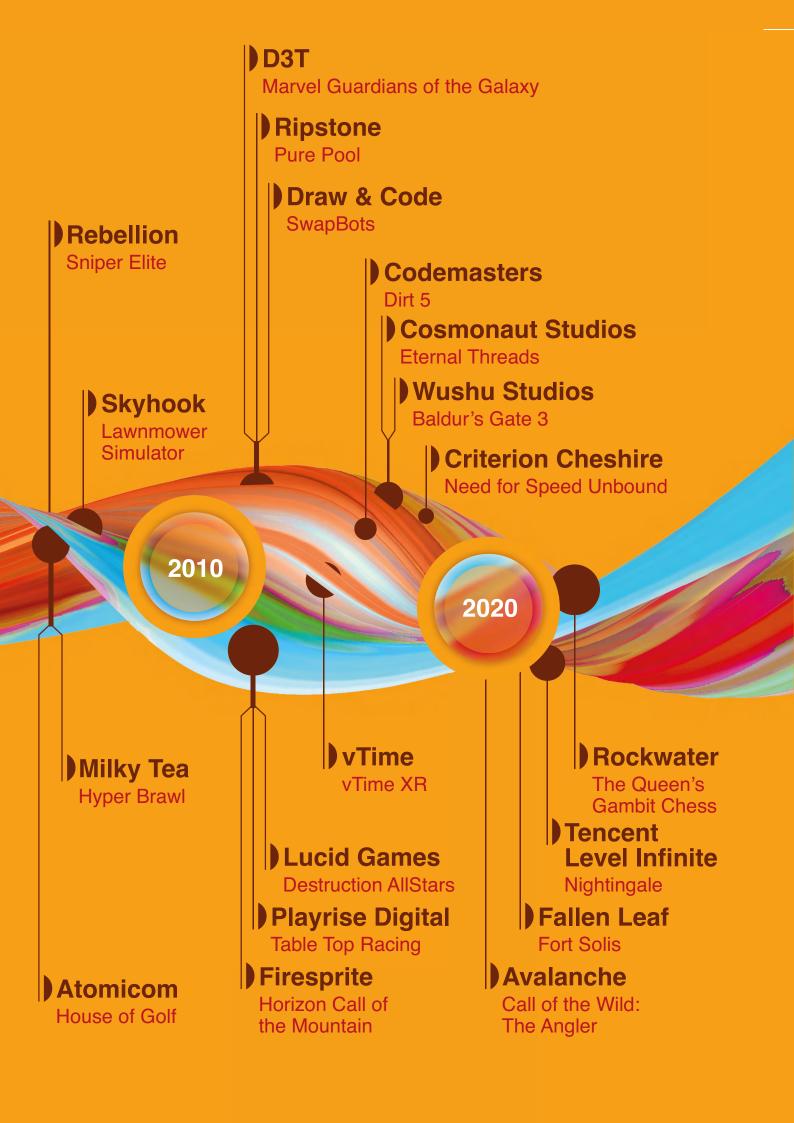
GROUNDBREAKING
GAMING & TECH
IN LIVERPOOL CITY REGION

INVEST LIVERPOOL CITY REGION

LIVERPOOL CITY REGION

GAMING HERITAGE





"There's always been a collaborative spirit at the heart of everything good in the Liverpool City Region. From the iconic music scene grown around Beatles-mania, to Liverpool FC's anthemic "You'll Never Walk Alone" ringing out across Europe, this spirit is the life force of the city.

It flows through all of Liverpool's creative and innovation sectors, ever since the city embraced the games industry in the early 1980s.

For the five decades since, Liverpool has created a tightly connected ecosystem of diverse talent, attracting global leaders in the sector to put down roots here, including PlayStation, Keywords, EA and more recently, Tencent.

This rich environment for world-class studios gave rise to our company, Ripstone Games, a decade ago. Founded by Liverpool veterans from PlayStation, film and music, we create incredible immersive experiences for famous partners like Meta, PlayStation and Netflix Games. We're also passionate about supporting the LCR to enhance collaboration between studios and create new talent pathways to drive continued growth.

Jamie Brayshaw, Head of Marketing, **Ripstone Games**

WELCOME TO LIVERPOOL CITY REGION.

Liverpool City Region has been ground-breaking and innovating in the games industry for over 40 years. In that time; we've blown minds with world leading racing games including the likes of Need for Speed: Unbound, made dreams come true with Goat Simulator and left you breathless with PS VR2 Horizon Call of the Mountain.

Some of the best-known console games have been conceived and produced here with our companies working with global brands such as; Sony, Tencent, Nintendo, EA Inc, Disney, Netflix, Capcom and Activision.

Going forward; our gamers are still pushing boundaries, with a growing number blurring the lines between the physical and digital and using immersive technologies across a range of applications from awesome social VR experiences to revolutionising the way children play to pioneering children's heart surgery.

We've got the skills, the talent, the networks, the facilities, the vision, the creativity and the pedigree to keep breaking new ground.



WE ARE COLLABORATORS.

With an exceptional cultural heritage that brings a unique 'edge' to Liverpool City Region, disruptive technologies and challenging minds drive a collaborative and diverse creative and digital scene.

The Baltic Triangle is a thriving and cutting-edge cluster of independent, artists, makers, gamers and multi-award winning Createch companies. It is home to the Studio School, Baltic Creative and Cains Brewery Village and has been voted the coolest place in the UK to live and work.

The STFC (Science & Technology Facilities Council)
Hartree Centre, based at Sci-Tech Daresbury, is
at the forefront of high performance computing, big data
analytics and artificial intelligence, providing real-world
solutions and competitive advantage to industry. The
centrepiece of this, is a partnership with IBM Research
involving the deployment of its world-renowned "
Watson" cognitive computing platform.

STFC also established a partnership with Atos in 2017 with the arrival of Bull's Sequana X1000 supercomputer at Daresbury. The Hartree Centre expertise and capability is already being applied at Alder Hey Children's Hospital to positively transform patient experience whilst supporting Alder Hey's ambition to become the UK's first "cognitive hospital".

Also at Sci-Tech Daresbury is the University of Liverpool's Virtual Engineering Centre, a UK leading centre for digital engineering solutions to industry. The Centre is the UK's recognised forerunner in advanced modelling and simulation, autonomous systems and robotics infrastructure and immersive visualisation. More recently a partnership between IBM and the public sector saw the creation of the Hartree National Centre for Digital Innovation, enabling businesses to adopt innovative technologies like AI and quantum computing.

Meanwhile, Liverpool's Film Office services big name blockbusters as well as global brands with all aspects of location support.

The region is set to maximise its attraction as the UK's most filmed in city outside of London, with the Littlewoods Studio initiative. The Studio will include a purpose-built film and content production resource, complete with state-of-the-art sound stages, linked to industry training and education facilities, live venue and business campus.

One of only two cities in the UK to secure the UNESCO city of Music Status, some of the UK's biggest music and music tech brand operate out of the region including Cream, Sound City, Sentric Music and Adlib Audio.

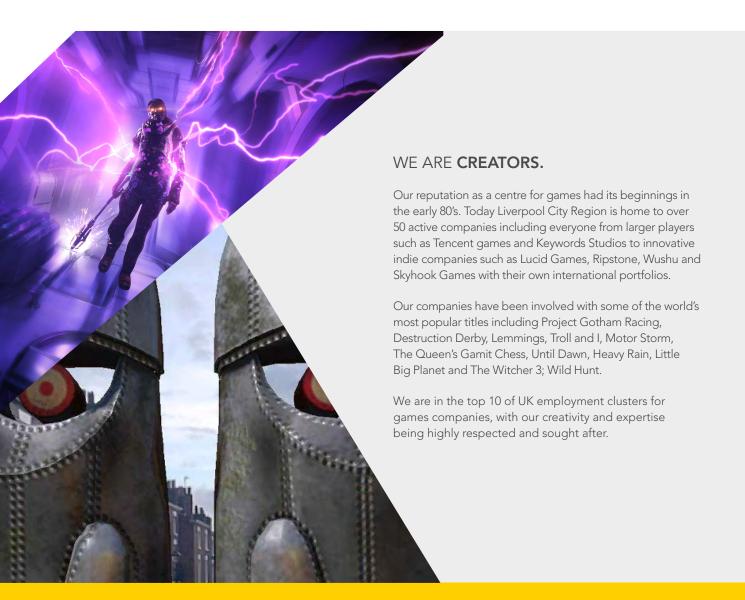
From health to engineering, film to music, built environment to culture, everyone is utilising games skills and technologies.

"Draw & Code is very much a product of Liverpool, blending the creativity that this part of the world is famed for with the solid technical and engineering backbone the region has built. Our philosophy is to merge the real with the virtual to make something magical; which often feels like something we have in common with the whole city.

From our Liverpool base, Draw & Code has developed into one of the world's foremost immersive design and development studios. We have spent over a decade mastering and subverting game engine technology to create immersive location-based entertainment, games and VR/XR experiences for the likes of Google, Sony, Warner Bros, Mercedes and many more. Liverpool's rich games ecosystem has allowed us to access talent, partnerships and opportunities that would be hard to find anywhere else, empowering our work on exciting new IP and patents in games and immersive technologies."

Andy Cooper, Director, Draw & Code





The North-West and Liverpool in particular are steeped in a golden age of early innovators and creators, stretching back more than 30

A nascent game development scene emerged in Liverpool in the early days of the 8-bit era, with talent coalescing around development and publishing businesses such as Psygnosis, Imagine Software and Denton Designs, blazing a trail for those who would come later, including the likes of PlayStation, spawning global and iconic franchises such as Wipeout, from the region.

We founded Firesprite in 2012 with the goal of always striving to bring something new to a game or genre; developing showcases for new hardware technologies is a driving

force of our passion. It was important that we had the right people and the right culture and fortunately, many of our values we hold dear are rooted in the culture and heritage of Liverpool; collaboration, inclusiveness, and entrepreneurialism but to name a few.

The past decade has seen the Liverpool game development ecosystem grow and evolve into a creative mosaic of small & medium sized independent studios, alongside larger established players from outside the region investing and building new ventures.

I'm absolutely certain that the next decade is going to be even more exciting."

Graeme Ankers, MD, Firesprite



Liverpool City Region's exceptional games credentials are also the bedrock of a community of multi-award winning creative and media content agencies and tech companies. Innovators such as vTime (a Gartner Cool Vendor) are making 'time travel' possible through social VR while others are harnessing the power of artificial intelligence to push the boundaries of UX design for their clients.

Our region also lays claim to the second largest number of specialist hospitals and health centres in the UK and the highest proportion of Global Digital Exemplars, selected to showcase best practice in digital health.

This has provided companies such as Damibu, CGA Simulation, and VizBox with opportunities to use their gaming experience to support product innovation for the health and care sectors.

to innovative development studios that have led the world in gaming for over 30 years, and it's been vTime's home since its formation a decade ago. Since then, vTime has continued to increase its team size, has raised EIS investment with Deepbridge, and keeps pushing innovation in digital consumer products with partners worldwide almost daily."

Clemens Wangerin, CEO, vTime





TALENT POOL CATCHMENT

ONE HOUR DRIVE TIME 27,600 660 (TOTAL GRADUATES ALL SUBJECTS) 1,415 MASS COMMUNICATIONS GRADUATES MATHEMATICAL SCIENCES GRADUATES CREATIVE ARTS AND DESIGN (SUBJECTS INCLUDE ANIMATION, ART & DESIGN AND GRAPHIC DESIGN) **COMPUTER SCIENCES**

It's not just next-gen tech we're pioneering. We have the next-gen of professionals, poised to take the industry forward and provide a steady talent pipeline for our businesses.

Liverpool's Studio School is the UK's first school for 14 to 18 year-olds specialising in creative media, gaming and digital technology and the first in the UK to join PlayStation®First, Sony Interactive Entertainment Europe's (SIEE) global academic programme.

The City of Liverpool College (CoLC) is a Microsoft Associate College - a world first for a mainstream education and training provider. CoLC's digital academy is home to a Motion Capture studio used by games developers.

Our universities are amongst the best in the world for Computer Science and allied disciplines including; VR, AR, games and serious games, haptic human computer interaction, artificial intelligence, machine learning, robotics and visualisation. They include Educate North's University of the Year, a Times Higher University of the Year and a top three UK centre for Computer Science related research.

We are also home to the first school of art and design in England outside of London producing first class, artists, designers and illustrators. Liverpool School of Art and Design's researchers, practicing staff and student body work alongside some of the world's most iconic cultural leaders actively engaged in activity across a range of disciplines.

Through the Digital Innovation Facility at the University of Liverpool a real-time rendered dimensionally accurate 3D representation of the city is being developed for metaverse applications.

Source: HESA 2019/20, HE Qualifiers

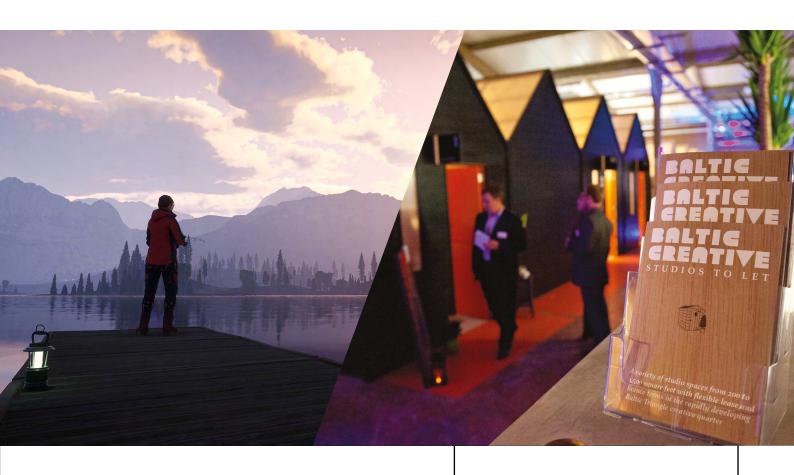
"The motion capture suite at The City of Liverpool College has allowed us to engage with local games companies who can use this facility for their product development, whilst giving our students an opportunity to work on live projects.

The studio is also utilised in a range of exciting ways that inspire students to develop their skills for different course areas, such as: games design; digital media students post-producing cut scenes; developing music videos with dancers; and recently, in collaboration with Clatterbridge Cancer Centre to create a virtual tour.

The College's suite facilities also provide a perfect partnership where industry and academia have the opportunity to come together to enable students to leave college with an indepth knowledge and understanding of how this technology is used, not only in game development but also in the wider industries."

Rachel Upsall, Digital Academy Head of School, City of Liverpool College





WE ARE CONNECTED.

In Liverpool City Region, we have more than just great people; we're a great place for your business and we have some great incentives too.

With rents and property prices among the lowest in the UK, A public-private company LCR Connect has enabled gigabit capability across each of our six boroughs enabling access to super fast broadband for every commercial and residential property in the City Region.

Liverpool is one of the best digitally connected cities in the UK. We have built our own Internet Exchange, ensuring world-class speeds. We connect directly to London directly (LINX) and to the GTT transatlantic internet cable linking the city to North America and Europe. Liverpool is also a 5G testbed area creating a platform for the smooth roll out of 5G mobile internet connectivity over the next few years creating multi-gigabyte connectivity across the region.

With two international airports within half of an hour and a two hour rail link to London; Liverpool City Region has everything needed for success in the games industry now and in the future



"Liverpool has such a vibrant gaming community and an enormous availability of great talent. Seeing all that potential, it made perfect sense for us to set up a location here. It did not disappoint. Our Liverpool team now counts upwards of 50 Avalanchers and has played an instrumental role in the development of Call of the Wild: The Angler.

Supported by the Liverpool City Region, we're able to play an active part in the growth and development of our industry in the area. This is so important to us. Through the Growth Platform, the LCR facilitates a forum in which we can get together with other developers, discuss the collective challenges our industry faces and work together to find solutions. This is likely to have a powerful impact on our sector.

Here in Liverpool we have even more opportunities to build on Avalanche Studios Group's legacy of creating worlds beyond limits and expand our rich portfolio of innovative open-world games. '

Alison Lacy, Location Manager, **Avalanche Studios**

We have a team of business location experts from across Liverpool City Region that can assist you with your next project.

We can provide detailed research on markets, sectors and workforce demographics. We can put you in touch with the right contacts at industry networks and partner organisations. We're happy to introduce you to potential partners at our world-class universities and our existing businesses. We can help you to identify all the available support to help your expansion and show you a wider range of sites, premises and development opportunities.

For further information contact Helen Cross, Digital and Creative Sector Lead helen.cross@growthplatform.org

We look forward to working on your plans with you.

invest liver pool city region. com









