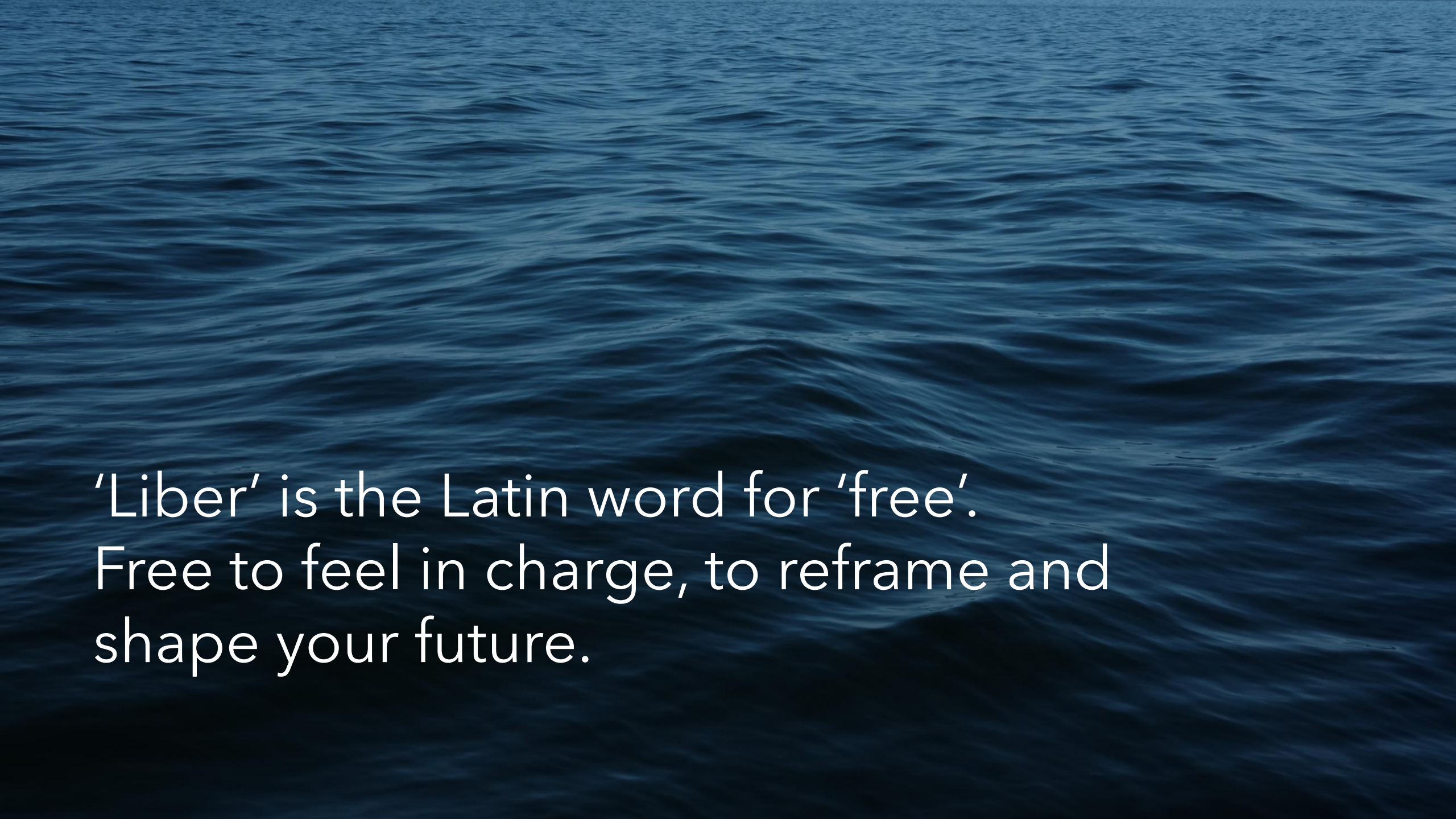


LIBER PORTFOLIO COMPANIES 2020

Liber
project

Powered by





'Liber' is the Latin word for 'free'.
Free to feel in charge, to reframe and
shape your future.

Amygda

AMYGDA

We believe machines don't have to break.

Amygda helps industrial organisations capitalise on the value of existing sensor data and provides actionable insights to increase availability of assets, and reduce cost safely. Unplanned maintenance is up to 9 times more expensive than planned, and over the next 12-24 months industries are going to be increasingly cost-focused on operation expenses. We are using Machine Learning and taking an empirical approach to forecast equipment damage and optimise maintenance schedules, thereby reducing OPEX for companies. Amygda's platform has over 200 algorithms applicable to assets in any engineering industry. We have validated the techniques with engine data from NASA and are currently in 3 trials.

Amygda was founded by ex-Rolls-Royce and ex-Airbus engineers who believe in an industrial world without disruption.



Faizan Patankar, Founder and CEO



UK



Technology



4

APCO Energy



apcoenergy.com



APCO Energy connects businesses together through a unified marketplace. Think Amazon, but B2B. The B2B market is poised to become 3x the size of B2C within the next decade, currently outpacing B2C by 20% every year. APCO Energy envisions all businesses to find their suppliers and all suppliers to find prospective businesses on its platform and engage in transaction. We are currently piloting the B2B model across UK's Electrical Wholesale industry (worth over £4billion). To date, we have acquired the interest of Schneider Electric, Virgin Start Up, Electrical Times and W&ED (industry trade publication).



Fawaz Aslam-Pervez, Founder



London



Technology

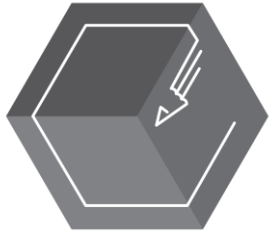


1

Artocene Digital



artocene.com



ARTOCENE

Artocene Digital is developing a first-of-its-kind digital platform to connect board-certified creative expression professionals, such as art therapists, with users around the globe. The platform will integrate creative expression tools with safe data storage and encrypted video. Our innovative telehealth tool will enable users to gain the benefits of art therapy and its unique creative psychotherapeutic methods regardless of location.

We are team of visionaries, subject matter experts, doctors and arts therapists dedicated to tackle the mental pandemic with the unique tool that transcends any language, cultural or geographical barrier. Our goal is simple - to humanize healthcare. We believe our platform will increase access to invaluable, life-changing resources, create new jobs and change the global conversation about mental health.



Iva Fattorini, Founder



Oxford



Healthcare



1

Astrum Wine Cellars



astrumwinecellars.com



Until mid-March, Astrum was a supplier of imported wines and spirits to the hospitality industry across the country. Turned to for our portfolio of high-quality products from small producers across Italy and beyond, we supplied many of the UK's top restaurants, bars, wine-shops and department stores. From top producers in Piedmont down to hidden gems in Puglia, we have scoured Central Europe for products that punch above their weight. With the closure of much of the restaurant industry, we had to quickly pivot to offer our products to people staying at home. What started as a rudimentary offer has developed into a new website and we now deliver hundreds of orders weekly to homes across the country.



Thomas White, Head of Growth



London



Wine and Spirits



16

BACX Life Sciences



BACX is a breakthrough plant-based endurance beverage to optimise performance during physical activities, lasting longer than 1 hour. BACX formulations isolate and exclude those chemical compounds, found in many sports nutrition & drinks products, which are proven to inhibit performance and health. The nutrients that matter most are delivered organically from plants, in the right proportions, to provide sustained energy and hydration for optimised exercise performance. BACX is also the first to customise for gender, exercise intensity, duration and activity type.

We lean on both nature and science to provide the best in performance nutrition, using natural raw materials, with no artificial flavours, sweeteners, colorants, or detrimental chemical compounds. We're also vegan friendly.



Jason Baits-Tomlin, CEO and Founder



Cheltenham and Oxford



Food



2

Bimble Studios



bimble.com

bimble

Bimble is an app that focuses on PLACES. We're building an interesting and diverse community who want to keep all their place information in one place & don't mind sharing some of it too. When you find a place you like & want to remember, what do you do? Write it up in iOS notes, take a screenshot or keep it in your head? If this isn't working as well as it should, then Bimble is for you. The Bimble app helps you collect, organise, plan and, if you choose to, share the places that mean something to you; whether it's your local yoga studio, your favourite bakery or a hotel on the far side of the world. You can think of us as 'Spotify for your places'. Anyone can create content on Bimble. That's what makes it special.



Francesca Howland, Co-founder and CEO



Oxford



Technology



7

CARBON CODES



carboncodes.co.uk

CARBON CODES

Carbon Codes is a startup devoted to increasing the sustainability of the food service industry. Through our platform, we provide a discount scheme aimed at facilitating and incentivising the consumption of environmentally-friendly meals.

Our primary goal, increased sustainability, is achieved by relying on two driving forces: the desire of restaurants to expand their consumer-base and the desire of consumers for lower food prices and to lessen their environmental impact.

The alignment of our primary goal with the satisfaction of these two desires makes for a service which is mutually-beneficial for restaurants and customers alike, while furthering our shared objective of reducing the carbon footprint of the wider community.



Rhim Shah, Strategy and Co-founder



Oxford



Technology



8

CoCoChemistry



cocochemistry.co.uk



Coco Chemistry are an award-winning artisan chocolatier with shops in Lacock, Wiltshire and Westgate Oxford. Founded by two sweet-toothed chemists - we gave up our corporate jobs to embark on a career crafting the finest chocolates, turning our chemistry knowledge to the world of chocolate. We offer chocolate slabs, filled caramel & praline truffles, chocolate salamis, caramel sauce jars, and hot chocolate spoons, as well as tea, coffee and hot chocolate. We enjoy nothing more than sharing our enthusiasm for outstanding chocolates with others, and have been trained by world master chocolatiers. As experimental scientists with inquisitive minds, we like pushing the boundaries, fusing traditional methods with novel flavour pairing techniques to produce unique textures, tastes, flavours and designs.



Richard Phillips, Director



Oxford, Lacock, and Devizes



Food



12

Conwy Kombucha



blightybooch.com



Conwy Kombucha Limited manufactures a range of Blighty Booch Kombucha Drinks and imports Blighty Brew Organic Loose-leaf Teas.

The rise in popularity of Kombucha, and distinctive taste, has captivated many consumers keen to tackle their own health naturally, without medical interventions.

We have a 5* hygiene rating. In 2019 we secured Organic Certification through OF&G (GB-ORG-0002) and registered our products with The Vegan Society. Our core recipes and HACCP work were developed using Project Helix funding at Llangefni Food Technology Centre in 2017-2020. At the end of 2019, we also achieved SALSA (Safe and Local Supplier Approval). We have developed a significant in-house manufacturing capacity. This will continue Conwy Kombucha's growth trajectory via novel product formulation for human health and wellbeing and will use the AIEC demonstration kitchen and sensory testing booth, allowing food preparation, and palatability, texture, taste and smell of novel products.



Mark Pavey, Director



Conwy



Food



4

Eurospeak Language Schools Ltd



eurospeak.org.uk



Eurospeak Language Schools Ltd, is a private English language school accredited by the British Council, Independent Schools Inspectorate (ISI) and is UKVI licensed for Tier 2 General and Tier 4 General of the points-based system. Established in 1991, we are an accredited Cambridge English exam centre and a Trinity College London teacher training centre. We offer a variety of language and vocational training courses. We have two locations: Reading, Berkshire and Southampton, Hampshire. We teach more than 2000 students every year from more than 80 countries.

We are a high growth business and have consistently increased our revenues and profits in last 4 years, despite the industry going through a downturn.

COVID 19 has brought new challenges and opportunities, we are looking at diversifying and exploring new options.



Gaurav Vahi, Director



Reading and Southampton



Education



32

Founders4Schools



founders4schools.org.uk

Founders4Schools

Founders4Schools is an award winning educational-tech charity working to connect children and young people with inspirational role models. We aim to break down the barriers for young people who are unable to access opportunities to improve their lives and to bridge the gap that exists between young people and business. We have created a free and simple digital platform which acts as a two sided marketplace; both enabling educators across the UK to select business volunteers in their local community to come to their classrooms or take part in online webinar and providing businesses a flexible and easy way for their employees to make a difference in their local communities. Our award-winning approach has been endorsed by the IOD, FSB, Chamber of Commerce and CBI. Since 2015 we have supported almost 400,000 students through 1.25M student-employer encounters in over 60% of the Local Authorities in England and Wales.



Michaela Eschbach, Managing Director



London



Education



12

Generation Medics



generationmedics.org.uk



Generation Medics is a multi-award-winning community of healthcare professionals and students. We widen access to up-to-date health careers information, advice, opportunities and networks for people from all backgrounds.

Through fun, engaging and evidence-based programmes delivered in schools, colleges, universities and hospitals around the country we are galvanising young minds and raising future aspirations. Our work also involves improving access to employment for those distant from the labour market by helping them to explore and make informed decisions about their future and take steps towards it. Generation Medics are recognised by, and work with, the NHS, Health Education England and educational institutions across the country. Through our innovative programmes, we are working towards a healthcare workforce that better represents the community they serve whilst also building a future pipeline of talent for the NHS. We are champions of social mobility, equality and diversity and are recognised as leaders in our sector.



Sarah Rafique, COO



Oxford



Social Enterprise



4

GLOBAL DOORS



globaldoors.co.uk



We are a 360 provider of UK manufactured storage solutions and components to the interiors industry.

Global Doors is a multi channel provider of fitted furniture storage solutions alongside being specialists in furniture and architectural sliding hardware.

Founded in 1993 and having grown from a single product line manufacturer the business now provides *discrete product ranges* to each of the market sectors in which it operates.

Our mission is to be a leader in the interiors industry. To achieve this we will;

- Create market leading products people aspire to buy.
- Nurture our talent to grow, develop and learn.
- Focus on sustainability putting it at the heart of the business.
- Promote digital agility to advance the business position.



Matthew Fletcher, Commercial Director



Wakefield



Manufacturing



36

Global Technologies Racing



gtrcomposites.com



GLOBAL TECHNOLOGIES RACING

Global Technologies Racing Ltd is a market leader in carbon fibre composite engineering and manufacture. We are a technically driven company that offer concept to component, along with print to product services.

Offering a highly qualified and experienced technical team to provide design services, through to prototype and then full production runs.

Experience has been gained through the design and manufacture of performance race cars, using the concept of delivering a reliable and expedient solution into other sectors, including Medical, Large Automotive, Specialist Projects, Military Transportation and Performance Marine.

Its vastly competent and committed team members understand the constraints and the dedication required to meet deadlines and are proud of their ability to deliver a high-quality product on time. GTR strives to maintain its impressive record of delivering quality components to demanding deadlines at the right cost.



Gareth Robinson, Technical & Commercial Director



Chichester



Manufacturing



240

Greater Change



greaterchange.co.uk



Greater Change is all about empowering people out of homelessness, or to avoid becoming homeless in the first place.

The way GC works is by taking referrals from partner charities. These partners work with people experiencing homelessness and provide them with non financial support. When someone needs a financial boost to make that final step out of homelessness eg. a rent deposit, skills course, ID etc. that's when they are referred to Greater Change. People explain what they need, and members of the public contribute towards it through our online platform. When the target is met, we make the purchase of the savings goal on the person's behalf.

We've supported about 70 people out of homelessness, or to avoid homelessness to date. We're growing fast - supporting around 10 people each month now and operating in a few different areas.



Alex McCallion, CEO



London



Digital



4

Mind Foundry



mindfoundry.ai



AI is our future but it is only effective in partnership with human context. We have a responsibility to ensure that technology empowers people and furthers their potential. We believe that AI can become a reliable and accountable member of your team. This is why we create scientifically principled, humble and honest algorithms that champion the citizen data scientist and augment their potential.

Mind Foundry has already spent several years solving problems in business with AI, with customers across various industry sectors. Now, our powerful and elegant machine learning platform opens up this expertise and innovation to organizations all around the world.



Jonathan Doan, CCO



Oxford



Technology

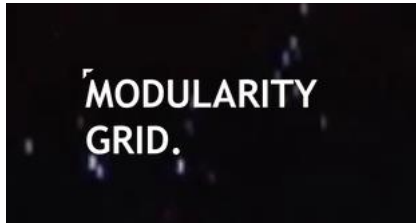


30

MODULARITY GRID



modularitygrid.com



Modularity Grid is a B2B enterprise software start-up. They're developing an AI-driven platform that extracts data and insights, to help satellite builders assess risk and predict failures, as early as possible, and throughout the lifecycle of a satellite. Potential use cases for the platform extend beyond satellites, to microgrids, more electric aircraft and electric vehicles. They're currently working with companies like Tesla, Airbus and Leonardo on demonstrations.



Elizabeth Nyeko, Founder and CEO



London



Space



9

Monadd



www.monadd.io

MONADD

Monadd is a modern necessity, it's the only address manager that takes the hassle out of admin. It allows anyone in the UK to automatically update their address across all their accounts. We identify all the service providers associated with their household and allow them to choose which ones they want to notify or cancel with ease. This is a time-consuming, unproductive task for both the user and the marketing, data, and customer support personnel at the receiving business. We are doing it in less than 5 minutes. It's admin, reduced to the necessary.



Jessica Mendoza, Founder and CEO



London



Technology



3

Nurole



nurole.com



N U R O L E

Nurole is breaking open the old headhunting processes, secretive searches that throw up safe and predictable names. This model isn't working, either for talented people keen to use their expertise in new ways, or for organisations that need fresh perspectives. Our approach combines smart technology and industry experts to transform the boards of multinationals, start-ups, charities, government bodies, and everything in between. We identify obviously suitable candidates and make more imaginative matches, empowering brilliant people to apply for roles that require their skills, experience and passions. Nurole was founded in 2014 by headhunter Susie Cummings. She was convinced that in the digital age, there had to be a better way of hiring board members beyond little black books and old boys' networks. It turned out there was, and Nurole has led the way ever since. The FT named Nurole one of Europe's fastest growing companies in both 2019 and 2020.



Oliver Cummings, COO



London



Technology



25

OMMTech



Based on our Oxford scientists' team, OMMTech was founded in 2018 as a biotech company specialised in supporting drug discovery.

As a B2B CRO, OMMTech offers therapeutic Target Validations services and products using integrated technologies combined with machine-learning tools. We are excited to be able to contribute to the drug discovery effort based on our pioneered gene silencing technologies that shapes our USPs. OMMTech has another educational branch offering short-courses on Molecular Medicine for non-specialists. Currently, we are preparing for developing our first product targeting the gene silencing reagents market (\$1b/year).

MBA Relevance

We welcome students to join our friendly team on the following projects:

- in-depth market analysis
- business relationship development
- route to market strategies
- digital marketing



Amr Abdelgany, Founder and CEO



Oxford



BioTech



5

Oxford Product Design



oxfordproductdesign.com



Oxford Product Design is an award-winning, full service product design consultancy founded in 2013. We are professional problem solvers, working with some of the world's leading brands on category-defining products that improve how we humans live and work. And we're just as excited about working with entrepreneurs and start-ups on ground-breaking new ideas...

Our way of working is rigorous but flexible. We'll take your project from ideation to production, or can get involved and work alongside you at any stage of the process - from technology development to engineering, visualisation, prototyping and project management - integrating with your in house team or working independently. We're innovators - curious, experimental, creative and passionate. But our pragmatic, precise approach and highly technical expertise mean that manufacturability and risk management are at the core of everything we do.



Rupert Wilkinson, Founder and MD



Oxford



Technology



22

OxRegen

OxRegen

We are solving the problem of deep skin loss injury in patients with acute or chronic wounds. Globally, skin-loss wounds caused by burns or chronic diseases are a serious public health problem. The lack of an effective solution leaves millions of patients with lifelong disfigurement often with resulting stigma and rejection. The treatment of the wounds is a major cost burden on patients, clinics and payers. An excess of US\$25 billion is spent annually on treatment of chronic wounds and the burden is growing rapidly. There is an unmet clinical need for a better solution for tissue reconstruction to address healing process and scarring issue. OxRegen aims to transform wound healing for patients with deep skin-loss injury, through introducing a bio-resorbable scaffold and tissue regeneration.



Julian Dye, CTO and Founder



Oxford



Technology



3

Petite Pli



shop.petitpli.com

**PETIT
PLI**

CLOTHES THAT GROW

London-based wearable technology company Petit Pli, engineer clothes that grow with children by embedding a patent-pending structure which expands bi-directionally to fit children aged between *9 months and 4 years*.

Trained aeronautical engineer, Ryan Mario Yasin founded Petit Pli in 2017, shortly after gifting clothes to his newborn nephew Viggo in Denmark. By the time the clothes arrived they were already too small! This experience served as a signal: childrenswear today fails to recognize children's unique bodies. Determined to pioneer a new approach to slow fashion, Ryan tested hundreds of concepts & drew inspiration from his background in deployable nano-satellite structures he developed at Imperial College London. Petit Pli is listed as one the world's Challenger brands to watch in 2020 alongside Playstation, Aviation Gin and Extinction Rebellion. Further, Petit Pli's designs have won prestigious awards spanning design, engineering and fashion.



Ryan Mario Yasin, CEO and Founder



London



Clothing



6

Proton



protonpeople.org



Proton is a Social Fintech providing consumers with a platform to manage their Social Responsibility. The app helps users to find companies, charities and investments aligning with their values. We have built an app where users can spend their money ethically, and we reward users for sustainable living and charitable giving. Proton's purpose is to rebuild trust in society and help solve important problems by highlighting the companies taking sustainability seriously. The impending climate crisis and undeniable demand for equality and sustainability are encouraging companies to improve their Environmental Social & Governance (ESG) image. Proton is the first application to consolidate ESG data and make it customer-facing so businesses can improve their social and environmental impact, and customers can make better-informed decisions, as we believe the future of our planet depends on doing sustainable business today.



Caroline Friel, Co-founder



London



FinTech



4

Qualis Flow



qualisflow.com

Qflow

Qflow is a construction technology tool built to tackle the social and environmental impact of the construction industry. The company was founded on the belief that all social and environmental harm can and should be prevented.

Using cutting edge technologies, Qflow holistically tracks and monitors data on construction projects of all sizes. By leveraging Artificial Intelligence and IoT devices, Qflow automates data collection and analytics, and feeds back valuable insights in real time. This provides construction teams with the information they need to help them reduce costs, meet sustainability targets, and minimise disruption to local communities. Through the power of data, we intend to transform the way we build our cities for the benefit of the people and the environment.



Callum Carlstrom, Operations and Marketing Lead



London



Digital



11

RAIQC Ltd



raiqc.com



Medical imaging such X-Rays, CT and MRI scans play a key role in the diagnosis and management of a range of conditions from heart disease to cancer. Currently, a variety of medical professionals such as nurses, radiographers and doctors review this imaging. But, there is no standardised quality assurance tool to teach, train and audit performance. Report and Image Quality Control is an online clinical simulation platform that provides users feedback on the accuracy of their image interpretation and a comparison of their performance with their peers. The platform has been developed by a team of radiologists at Oxford University Hospitals and is being used by a number of large UK organisations including Public Health England, Prostate Cancer UK and Royal College of Radiologists. The team are now looking to commercialise the platform through a start-up company.



Sarim Ather, CEO



Oxford



Healthcare



4

RCube Health



rcubehealth.com



RCube Health is a London based start-up with a mission to democratise effective mental wellbeing. We provide workplace wellbeing programmes to empower employees to measure and improve their wellbeing. Our core product is a mobile app RCube paired with a wearable, which helps create a baseline for wellbeing by measuring health data such as heart rate, stress, anxiety, and mood. The App then recommends clinically validated therapies drawn from neuroscience, cognitive behavioural therapy (CBT), biofeedback and mindfulness to help employees get better. Organisations benefit by reducing costs of presenteeism, absenteeism and low productivity stemming from poor mental wellbeing.

Our vision is to spread awareness and contribute in creating a blue ocean market for preventative mental wellbeing.



Ravi Janapureddy, CTO



London



Digital



2

Render



rendermedia.co.uk



R E N D E R

Render is passionate about creating the tools for enterprise to easily communicate and visualise their business by blending creativity and technology.

Render is an immersive technology specialist, designing Virtual Reality (VR), Augmented Reality (AR) and Mixed Reality (MR) solutions to solve multiple industry challenges for the world's leading global organisations.

Our solutions empower business to business organisations to realise the true potential of virtual business, providing vital competitive advantage in a digital world.

We enable deeper customer understanding of complex products and services, accelerate sales cycles, transform product operations and enrich employee learning quickly and at scale.



Mark Miles, Managing Director



Swindon



Digital



10

Scribeless



scribeless.co

SCRIBELESS

At Scribeless, we specialise in recreating the beauty and nuance of handwriting. Our platform allows you to send personalised handwritten notes, tailored specifically to suit your customers.



Robert Van Den Bergh, MD



Bristol



Technology



6

Sendit.Money Lt



sendit.money



From clunky insecure platforms and apps, high exchange rates, poor customer service to hidden fees, remittance is broken. So we decided to build a company from the ground that would challenge the bigger players and reinvent how people send and receive money in emerging markets.



Michael Lawal, Founder and CEO



London



Technology



5

Sook Retail



sook.space



Sook transforms empty shops into adaptive rentable spaces. It does this by installing a digital wallpaper which allows occupiers to brand the space at the touch of a button. Sook is, therefore, able to rent space by the hour and make it easy for more than one occupier to use a shop over the course of the day. In this way, it not only caters for occupiers in peak retail hours but it also drives the utility of empty shops outside of those hours for activities like retail banking, leisure, wellness, and meetups.



Jack Folland, Head of Business Development



Cambridge and London



Retail



6

Soothsayer Games



www.soothsayergames.com



We're a video games developer, who make "serious games". We own the leading climate change simulation brand, "Fate of the World", which was developed with input from leading Oxford University scientists. We're now working on developing our brand further, with a free-to-play mobile version. Our goal is to reach a global market, and have meaningful impact on climate change, education, and action.



Matt Miles Griffiths, CEO



Marlow and Bucks



Creative



1

The Roots Programme



rootsprogramme.org



Research shows that when people are exposed to those with different life experiences, cultures, viewpoints and challenges, their biases are reduced and there are powerful benefits to be reaped. They will have both the will and the knowledge to understand the needs of others and act accordingly. The good news is that, after a painful process, people now want to build these bridges – but don't know where to begin.

The Roots Programme is a radical programme that believes our society benefits if we bring together people with hugely different lives in an authentic and meaningful way. The premise is simple. We will take people from different walks of life and have them meet and eat, talk and debate matters that affect us all. We will unite them and build understanding around their differences and, importantly, their similarities.



Ruth Ibegbuna, Founder and Director



Manchester



Social Enterprise



2

uMed



[umed.io](https://www.umed.io)



uMed is a clinical research platform that automates the manual processes that account for up to 80% of the cost and time in a study. This cutting-edge technology is the cornerstone of uMed's global network of healthcare providers, who have a shared vision to reduce the burden of disease for patients by radically reducing the barriers to knowledge creation.

By compliantly connecting electronic health record data to automated patient engagement, uMed enables researchers to conduct prospective studies end to end with transformative efficiency, whilst maintaining alignment with international standards. For healthcare providers, uMed unlocks the ability to participate in dozens of studies simultaneously with minimal burden to their in-house staff.

uMed's network now covers GP practices representing over 1 million patients in the UK with our 1st US health system (2M patients) coming online later this year. uMed is also actively supporting COVID-19 studies being run through Oxford University.



Matthew Wilson, CEO



London



Life Science

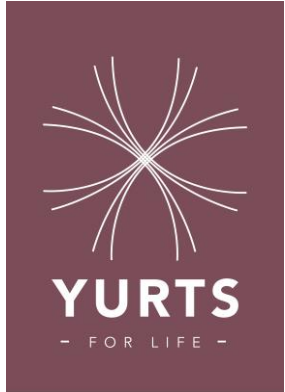


7

Yurts for Life



yurtsforlife.com



Makers of the finest yurts in the World, providing beautiful flexible outdoor spaces for people to drink in the wild air and spend more time outside in nature. The yurts are made using the Kyrgyz design requiring all the elements of the yurt frame to be steam bent. We also provide a maintenance service to ours and other makers' yurts. We also have a small rental business for accommodation yurts and gatherings of up to 100 people (seated) and 150 partying for anniversaries, birthdays, weddings etc.



Sacha Macey, Owner/Director



Staverton and Devon



Manufacturing



11

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Social Media

