GLOBAL TECH CONNECT

Your invitation to join us

UK Cleantech Bootcamp 2021 Demo Day

Tuesday 29 June 9am UK

delivered in partnership with

SEEDLEGALS

supported by

Department for International Trade

LONDON & PARTNERS

The UK Cleantech Bootcamp 2021 is a four week online programme for startups developing solutions in cleantech/green growth/sustainability helping them to understand the UK cleantech ecosystem, tune business skills for the British market, and position their startup for growth. The Bootcamp comprised six half-day Zoom sessions, 7/8/14/21/28/29 June, and additional mentoring.

What they learned

Understanding the UK Market – business culture, company formation, taxation, regulation

Fundraising journey – approaching investors, pitch decks, legal basics

Growth strategy – product market fit, value proposition, validation

Cleantech – UK sector knowledge and network, business partnerships, customer acquisition.

The UK Cleantech Bootcamp 2021 was made possible through the generous support of SeedLegals and with the assistance of the Department for International Trade and London & Partners, and promotional partners the British Embassy Austria, British Embassy Israel and British Embassy Romania.

SEEDLEGALS

UK Cleantech Bootcamp 2021 Demo Day

We've been working with a cohort of **18 cleantech companies** over the past four weeks, helping them to develop their green growth and sustainability solutions. Some are early stage startups looking for initial investment, others ripe for scaling their business in the UK. On 29 June you have the chance to meet them too.

The Global Tech Connect UK Cleantech Bootcamp 2021 Demo Day features companies from different sectors – energy, circular economy, smart cities and agritech – and multiple countries, each of whom is committed to further growing their business in the UK cleantech market. Discover how our cohort of Austrian, Croatian, Israeli, Italian, Swiss and Turkish companies are tackling some of the world's most pressing problems. Join us via Zoom on **Tuesday 29 June, 0900-1100 UK**.

Format

The companies are grouped into six batches of three. Each company has **3 minutes to present**. After these three sequential presentations we open up to **2 minutes of questions** per company selected from those submitted via Zoom chat. This process is repeated for each of the six batches.

For more details about Global Tech Connect and the Demo Day visit globaltechconnect.org/cleantech

GLOBAL TECH CONNECT

Order of Presentation

The purpose of the Demo Day is to introduce our audience to the 18 innovative companies with whom Global Tech Connect has worked as part of UK Cleantech Bootcamp 2021. These are not intended as investment presentations.

Group A	Eco Wave Power, SoLight, Virtual Global Trading
Group B	EH Group, Grow City, Ottan Studio
Group C	Alavera, Eturnity, POID
Group D	Brightmerge, ResiLi, SmartHelio
Group E	Augwind, Chakratec, Circe
Group F	Hive Power, IS Clean Air, Parquery

UK Cleantech Bootcamp 2021 Cohort

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Augwind (Israel)　　　　　www.aug-wind.com　　　LinkedIn

Vertical: Energy

Augwind Energy (TASE:AUGN) is a publicly traded Israeli company, specialises in advanced compressed air technologies, with the ambition to become a cutting-edge global technology provider in the energy storage and energy efficiency domains. Augwind developed a disruptive energy storage solution, based on the main principles of compressed air energy storage (CAES) and pumped hydro storage- The "AirBattery" is a best-in-class stationary energy storage system, well positioned to address current and future requirements and to unlock the potential of an exponentially expanding renewable energy storage market.

The business model is based on the sale of the system to energy developers, and for its deployment as part of their energy portfolio.

Year of formation: 2012　　　　　Maayan As, International Business Development Manager

Ido Ben Yehuda, Head of Marketing

https://www.linkedin.com/in/ido-ben-yehuda-196977ab

AUGWIND

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Brightmerge (Israel) www.brightmerge.com LinkedIn @brightmerge

Vertical: Energy

Brightmerge offers a SaaS enterprise platform to model and optimise the configuration and economics of renewable energy microgrid systems while factoring reliability, sustainability and resiliency goals. It dramatically reduces the time and cost to design projects.

The Brightmerge Simulation and Optimisation Engine is a highly advanced module designed to model very complex systems with many interacting elements. Based on the science of Multi Criteria Decision Making ("MCDM") and systems modelling, the engine integrates a number of AI techniques for efficient operation. For this application, the engine has been programmed to model the financial aspects of an electrical grid based on the power supply, generation, storage, and use needs of Brightmerge customers.

Year of formation: 2018

Dan Schwab, Founder and CEO
https://www.linkedin.com/in/danielschwab

Haim Snir, VP Product
https://www.linkedin.com/in/haimsnir

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Chakratec (Israel) www.chakratec.com LinkedIn

Vertical: Energy

Chakratec has developed a unique kinetic energy storage technology, which enables unlimited high power charge and discharge cycles. Utilising our proprietary Kinetic Power Booster technology, Chakratec facilitates the deployment of fast and ultra-fast EV charging stations anywhere, including locations with a weak grid.

Chakratec taking a fresh view on market needs, incorporating patent pending innovations in flywheel structure, materials and system architecture. Our multi-patented technology stores the electricity as kinetic energy which presents two major advantages (1) unlimited high-power charge and discharge cycles (more than 200,000) without degradation over the full system lifetime of 20 years (2) the non-chemical flywheel is a sustainable and reusable system, as opposed to toxic and polluting chemical batteries.

Year of formation: 2013

Nir Zohar, Co-founder and Chief Customer Officer

https://www.linkedin.com/in/nirzohar

Jonathan Shine, Corporate Development

CHAKRATEC
Boosting eMobility Anywhere

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Eco Wave Power (Israel)   www.ecowavepower.com   LinkedIn   @ecowavepower

Vertical: Energy

Eco Wave Power has developed an innovative technology for the generation of clean electricity from ocean and sea waves by attaching proprietary floaters, which harness the waves' power, to man-made marine structures (such as piers, jetties, and breakwaters); the wave movement makes a land-based hydraulic system produce clean electricity.The company's business model is either to generate revenues from the sale of power stations, sale of electricity or licensing of the technology to joint venture partnership.

EWP's technology is comprised of unique floaters shapes attached to existing marine structures. Clean and affordable electricity is generated in our proprietary conversion unit, while only the floater mechanism is exposed to the marine environment.

Year of formation: 2011   Yair Rudick, Business Development Manager

Matias Sigal, Business Development

https://www.linkedin.com/in/matias-sigal-330932b7

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EH Group Engineering (Switzerland)   www.ehgroup.ch   LinkedIn

Vertical: Energy

As the global economy moves towards a decarbonised future, hydrogen will become a key energy vector, across both stationary and mobile applications. EH Group Engineering aims to become a leading player in the emerging hydrogen economy via commercialising a low temperature fuel cell based on a radical new design and a transformative manufacturing technique that dramatically reduces costs.

Our product will directly address the challenge of current unsustainable or pollutive technologies that power our economy, but that are unfit for purpose in our times. For example, commercial vehicles both on land and water and public transport that require extended use, range and/or heavy payloads are primed for disruptive decarbonisation that cannot be met by batteries alone.

Year of formation: 2017

Christopher Brandon, Co-founder and Director
https://www.linkedin.com/in/christopher-brandon-12236a
Mariana Mariétan, Operations Manager
https://ch.linkedin.com/in/themangogirl

EH GROUP
Engineering AG

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Eturnity AG (Switzerland)   www.eturnity.ch   LinkedIn

Vertical: Energy

Eturnity's B2B SaaS software solution is for installers of photovoltaic systems, batteries, charging stations and heating systems. With our software solutions, our customers can significantly simplify the consultation and offering of photovoltaic systems, batteries, heating systems and charging stations. They become much more efficient (save up to 80% of time needed for the initial consulting and offering) and often succeed to increase the conversion rate (up to 30%).

The majority of our customers are photovoltaic or heating installers, as well as many energy suppliers who advise their end customers on products such as photovoltaics, heating, charging stations or batteries. Our customers basis consist of installers and energy providers in Switzerland, Austria, Germany, Sweden and the UK.

Year of formation: 2012   Doris Frehner, Head of Business Development

https://www.linkedin.com/in/doris-frehner-38215412b

Luigi Ferrise, Business Developer

https://www.linkedin.com/in/luigi-ferrise-3262b9140

E TURNITY

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Hive Power (Switzerland)   www.hivepower.tech   LinkedIn   @hive_power

Vertical: Energy

Hive Power provides a SaaS Platform for smart grid analytics, mainly focused on flexibility orchestration. We developed modelling, forecasting and optimisation algorithms, to operate at best all flexible assets in this energy transition. These assets include hydropower plants, fleets of electric vehicles, heat-pumps, energy communities, and dynamic pricing of energy.

Primarily targeting energy retailers and ESCOs, to whom we can provide working solutions today, in the mid-term, we also target grid operators. Current customers include Toyota Motors, Terna, and A2A (the biggest Italian multi-utility), Hive Power are also partners of Landis+Gyr and Capgemini.

Year of formation: 2017   Gianluca Corbellini, Co-founder and CEO

https://ch.linkedin.com/in/gianlucacorbellini

Davide Rivola, Co-founder and COO

https://ch.linkedin.com/in/daviderivola

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POID (Austria)   www.thepoid.com

Vertical: Energy

POID is the world's smallest mobile kitchen, powered by a rechargeable battery, controlled by an App. With POID you can brew a fresh cup of tea or coffee or heat up ready-made food in a matter of minutes, anywhere, anytime.

POID's USP is its energy and sustainable way of heating liquids and solid foods. In order to achieve this the heating element is built inside the flask and isolated to the outside, so inside you get boiling water and when you hold it outside, it is still at room temperature. We can heat up 100ml of water from 10 to boiling temperature in just 4 minutes

Year of formation: 2020   Michael Jesse, Founder and CEO

                                         Thomas Skardelly, CTO

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SmartHelio (Switzerland)   www.smarthelio.com   LinkedIn   @smarthelioiot

Vertical: Energy

60 million ton of PV e-waste will be generated by 2050, which represents 10% of global waste. 60% of these panels are thrown away prematurely however they could be used again. SmartHelio gives second life to solar panels, helping to generate more clean energy and prevent e-waste. We have built a proprietary (patent pending) edge computing based IoT hardware (connects directly to a solar panel) and deep diagnostic AI based software which can detect sick solar panels, and prescribe steps to get repaired and reused

We do B2B sales with a SaaS model. We rent out our IoT hardware instead of selling them.

Year of formation: 2019   Govinda Upadhyay, Co-founder and CEO

https://www.linkedin.com/in/govindaupadhyay

Navneet Kaur, Business Development Manager

SmartHelio

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So Light (Israel)   www.solight-energy.com

Vertical: Energy

Solight developed a highly efficient, fully static, patented, solar collector delivering healthy, energy saving sunlight indoors; with unparalleled flexibility and price/performance. Utilising our optimal optical design, we have managed to combine a static durable design, with high optical efficiency and uniformity.

SOLIS provides X3 (Sunny) to X4 (Cloudy) more light per €, over existing tube systems, thus providing better ROI. Furthermore, SOLIS is highly uniform, enabling incoming heat management according to prevailing climate.

Year of formation: 2012   Dror Becker, Co-founder and CEO

https://il.linkedin.com/in/dror-becker-6a6197a5

Ofer Becker, Co-founder and CTO

https://www.linkedin.com/in/ofer-becker-0481407

Solight

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Virtual Global Trading AG (Switzerland)   www.vgt.energy   LinkedIn

Vertical: Energy

The Virtual Global Trading AG (VGT) mission is to reshape the energy market via the digital energy platform "eNet" which supports energy suppliers, electricity consumers and prosumers simply and quickly enter the digital and dynamic energy market of tomorrow. The result is a rapidly growing marketplace for suppliers and buyers where a wide range of business models are possible, including but not limited to a customer portal and energy exchange platforms.

The patented methodology is faster than any blockchain technology with the same expected results of traceability and non manipulatability. The technology makes it possible to comprehend and trace the whole chain of energy origin – from the producer of the energy in a specific 15 min time period, to the consumer who consumed or stored it in the same period of time

Year of formation: 2018

Michael Seeholzer, Founder and CEO

Olivia Perner, Business Development & Marketing Manager

www.linkedin.com/in/olivia-s-perner-a40389106

VIRTUAL
GLOBAL
TRADING AG

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Is CLEAN AIR (Italy)   www.iscleanair.com   LinkedIn   @IsCleanAir

Vertical: Smart cities

ISCLEANAIR/APA is a business based on already acquired and proven qualifications and certifications, positioning and technological superiority demonstrated in the air cleaning sector and that can be classified as a Global Leader Technology and Solutions (GLeTS).

We apply our CLEAN AIR business model®, a combination of services and solutions modulate and setup for creating new market needs, answering to the market requests, and generate the awareness of a new social service for people and the environment, worldwide: "clean air for all, everywhere".

Year of formation: 2017   Giuseppe Spanto, Managing Director
                                    https://www.linkedin.com/in/giuseppespanto7b59792
                                    Chiara Verderese, Business and Commercial Development
                                    https://www.linkedin.com/in/chiara-verderese-9b7469185

ISCLEANAIR®
BREATHE YOUR LIFE

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Parquery (Switzerland)   www.parquery.com   LinkedIn   @parquery

Vertical: Smart cities

Parquery displays in real-time where parking spots are available, in order to reduce circling from drivers, and consequently reduce air and noise pollution in cities. Managers also get structured analytics to anticipate operations and manage their car parks. .

In order to do this, Parquery has built innovative compute vision algorithms to detect objects in images from any camera. Created in 2014 as an official spin-off from ETH Zurich, Switzerland, Parquery currently operates more than 80 projects in 30+ countries worldwide.

Year of formation: 2014

Andrea Fossati, CEO
https://ch.linkedin.com/in/fossatiandrea
Satya-Lekh Proag, Business Developer
https://ch.linkedin.com/in/satya-lekh-proag

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Alavera (Croatia)

www.instagram.com/alavera_official

Vertical: Circular economy

Alavera fashion is Zagreb's main platform for turning discarded textile and non-textile resources into products of greater re-implementation potential. We do 1v1 clothes refashioning, our own collections from waste managing local manufactures and reimplementations of the gathered textile throughout sectors.

Year of formation: 2020

Niko Bucalo, CEO

Roko Božić, Public Relations

ALAVERA
sustainable fashion

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Circe Biotechnologie GmbH (Austria)   www.circe.at

Vertical: Circular economy

The world is on a journey from coal and oil to renewables, natural gas is the stepping stone in this transition, the world needs natural gas. However natural gas is a fossil fuel and although abundant, will play a decreasing role in the energy sector in the future. The vast gas industry needs new technologies to monetise their resources through new products and innovation.

Circe's core technology is our proprietary vortex where oxygen, methane and water are mixed at high speed and volume with leading edge mass transfer technology and monitoring tools. Over the past three years, our engineers, scientists, & anchor partner at the Technical University of Vienna have designed, built, and scaled our hardware, digital controls and processes.

Year of formation: 2020   Artem Vasilyev, CFO

Mikhail Vasilyev, Project Manager

CIRCe°

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Ottan Studios (Turkey) www.ottanstudio.com LinkedIn

Vertical: Circular economy

Ottan Studio is an impact-oriented bio-tech startup that up-cycles green waste into sustainable bio-composite materials to reduce plastic and protect natural resources. Ottan develops, designs, and produces circular materials only, using food and agricultural waste such as fruit peels, nut shells and leaves. Long-lasting and visually aesthetic Ottan materials can be used in industries including cladding, furniture, housewares, and lighting instead of wood, stone, acrylic surfaces and more by architects and product designers.

Year of formation: 2020

Ayse Yilmaz, Founder and CEO
https://www.linkedin.com/in/ay%C5%9Fe-y%C4%B1lmaz-717632b5
Feriha Saadet Erden Yasa, Sales and Marketing Director
https://www.linkedin.com/in/feriha-saadet-erden-ya%C5%9Fa-084baa31

OTTAN

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ResiLi AG (Switzerland)   www.resili.ch

Vertical: Circular economy

ResiLi AG is dedicated to providing circular economy solutions for the food industry. Those solutions are implemented in the production process of meat producers and allow them to reduce the resources needed (water, chemicals, money) while obtaining better quality products, reducing costs and contamination generated. In addition, ResiLi AG obtains added value by-products that can be used in the plastics, cosmetics, biotech & pharmaceutical industries, and biogas to reach standalone thermal energy consumption.

The business is built upon membrane filtration technology with different stages and filtration techniques.

Year of formation: 2021   Roland Oberson, Founder and CEO

https://www.linkedin.com/in/roland-oberson

Alejandra Navarrete, Marketing Specialist

ResiLi AG
CIRCULAR ECONOMY SOLUTIONS

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GrowCity (Croatia)   www.growcity.io

Vertical: Agritech

We build farms inside shipping containers that enable farmers to grow food anywhere, no matter the climate. Using a farming principle called hydroponics, our product saves 94% of water compared to a regular farm. Our systems are usually placed near the point of consumption, unlike regular farms which often have a more remote location causing large logistics costs and CO2 emissions

Creating significant water savings in farming, cutting CO2 emissions, connecting the point of food production and food consumption, and helping achieve food security globally are just some of the problems we aim to help solve.

Year of formation: 2018   Ante Toni Debelić, CEO

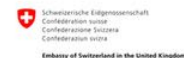https://www.linkedin.com/in/ante-toni-debelic-aa269b147

GrowCity

UK Cleantech Bootcamp 2021
is a project of Global Tech Connect

GLOBAL TECH CONNECT

Global Tech Connect UK (GTC) unites UK-based international startup programmes and bilateral organisations to better support tech companies from their national ecosystems – those looking to enter, learn from or scale in the UK. By sharing knowledge, experience and expertise we strengthen ties between countries, expand startup networks, grow opportunities for entrepreneurs and foster international economic growth.

Our ten Founding Partners are Advantage Austria; the British Croatian Chamber of Commerce; La FrenchTech; Reload Greece; Startup Campus (Hungary); UK Israel Tech Hub; TechItalia; the Nucleus Ventures (Lebanon); r10ventures (Romania), and Innosuisse (Switzerland). We are joined by Hackquarters (Turkey) as an affiliate member.

Participation is open to other international programmes that demonstrate an ability to support startups from their home countries, and which share the aims and values of Global Tech Connect.

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with thanks to Bootcamp partners and content providers