

GLOBAL TECH
CONNECT

Net Zero Energy Bootcamp

Onstage at Innovation Zero, 25 May

ADDIONICS

Bomvento



enSights™



RENSAIR



ZCT ZOHAR CLEANTECH
Smart Waste Systems

globaltechconnect.org/netzero

in partnership with
**INNOVATION
ZERO**

UK Net Zero Energy Bootcamp 2023 is a multisession hybrid programme for startups developing B2B energy adjacent solutions, helping them to understand the UK ecosystem, tune business skills for the British market, and position their company for scaling and international growth. The Bootcamp comprises Zoom sessions over three days, 16-18 May, and in-person attendance in London, 24-25 May at Innovation Zero.

Benefits

Local knowledge – introduction to the UK net zero ecosystem, business partnerships, legal and regulatory context, visas

Presentation – expert feedback on product or business model and positioning companies in the UK

Network – exposure to UK corporates, customers and investors, peer to peer learning from and connections with other founders.

Now on to the Innovation Stage!

globaltechconnect.org/netzero

Global Tech Connect offers its particular thanks to [Hadar Huberman](#), Clean Growth Lead, [UK Israel Tech Hub](#), and to [Charlotte-Mathilde Chenu](#), Science and Innovation Officer, [Innosuisse](#), who made this programme possible.

Additional thanks to [James Ashwood](#) and the organisers of [Innovation Zero](#) for inviting us to bring the GTC cohort to their stage.





UK Net Zero Energy Bootcamp 2023

Programme

Thursday 25 May, 1300-1530. London Olympia



Pitch to the panel

1300-1530 Global Tech Connect UK Net Zero Energy Bootcamp 2023 Showcase – [live on the Innovation Stage](#)

*Companies have **5 minutes to present** followed by up to 5 mins of questions from our expert industry and investor panel.*

Hugh Bartlett, Senior Investment Executive, Green Angel Syndicate; Liliya Chechel, Venture Principal, Shell Ventures;

Rubina Singh, Principal, Octopus Ventures; Jonathan Tudor, Investment Partner, Clean Growth Fund

1300-1305	Welcome
1305-1405	Cohort presentations I
1405-1425	Break
1425-1525	Cohort presentations II
1525-1530	Closing remarks

Thursday 25 May



Pitch to the panel

The companies presenting

1305-1405 **Tinia** (Romania), **Flyz Robotics** (Israel), **Hive Power** (Switzerland), **Bomvento** (Israel), **Olsights*** (UK)

1425-1525 **Rensair*** (UK), **Zohar CleanTech** (Israel), **ProDecipher** (Switzerland), **enSights** (Israel), **Addionics*** (UK)

Part of the cohort but unable to join us today: **BaTTeRi** (Israel), **Deasyl** (Switzerland), **Economotor** (Israel), **Kolbev** (Switzerland), **Offsetted** (Germany)

* guest presenter - with some on-stage slots available, Global Tech Connect has invited three UK-based net zero startups to pitch.



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Cohort presentations

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Bomvento (Israel)

bom-vento.com

yuri@bom-vento.com

[LinkedIn](#)

Sector: Carbon Capture and Emissions

Bomvento is developing a scalable, cost-effective solution for greenhouse gasses removal from the atmosphere and completely transforming the economics of wind turbines.

Our solution is realised by unlocking the use of photocatalysis, a process that enables the reduction of greenhouse gases into environmentally benign products. When fitted with photocatalytic capability, each turbine becomes an open-air reactor, removing up to 10,000 tCO₂e*/year, and generating \$1m in carbon revenue, doubling the revenue of each turbine.

Year of formation: 2023

Yuri Tsitrinbaum, CEO

Raising: £1m

linkedin.com/in/yuritsitrinbaum

Bomvento 

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enSights (Israel)

ensights.ai

info@ensights.ai

[LinkedIn](#)

Sector: Energy Infrastructure

enSights is a cloud-based platform for monitoring and managing renewable energy assets, storage and EV. It helps asset owners optimise the performance of their solar assets and reduce downtime by directly connecting to your existing assets, providing real-time monitoring, analytics, and reporting features.

The platform addresses the problem of managing and optimising solar assets that are deployed across multiple locations and use different equipment and vendors. By providing a unified platform, enSights helps asset owners to improve profitability, comply with regulatory requirements, and improve operational efficiency.

Year of formation: 2021

Roy Fadida, CPO

Raising: £5m

linkedin.com/in/roy-fadida

Tal Umanski, Product Manager

linkedin.com/in/tal-umanski



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Flyz Robotics (Israel)

flyz.io

Sector: ESG and compliance

Carbon emission and air quality measurements are limited due to static grids or low-resolution systems, leading to false environmental policy, loss of revenues and legal penalties.

Flyz Robotics is an autonomous platform enabling a high-resolution, dynamic carbon emission and air quality measurements in both urban and industrial areas in real time. As a global leader in Deployment Of Things (DOT) with a disruptive Drobot As A Service (DraaS) business model we solve a huge problem for multiple use cases.

Year of formation: 2020

Raising: £3m



FLYZ

Ron Shafran, Co-founder and CEO

linkedin.com/in/ron-shafran

Itamar Ben Shalom, Co-founder and CTO

linkedin.com/in/itamar-ben-shalom

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Hive Power (Switzerland)

hivepower.tech

info@hivepower.tech

[LinkedIn](#)

Sector: Energy Infrastructure

Have you ever wished there were an AI, like ChatGPT, for flexible energy? Our white-label app, FLEXO, enables you to provide:

- automated time of use optimisation on appliances, solar, and EV charging
- community pod and user monitoring
- weather/renewable input analytics
- energy community management
- battery on-wheels: V2H, V2G, V2X
- prosumer energy coaching
- intuitive, modern user experience

We're already optimising flexibility for customers like E.ON, Plenitude, Sorgenia, Haier, Free2Move eSolutions, Iveco, and major utilities across Switzerland and Italy. Talk to us to see a demo of how FLEXO can save up to £10k per year in energy expenses.

Year of formation: 2017

Raising: £2m

Gianluca Corbellini, Co-founder and CEO

linkedin.com/in/gianluccorbellini

Johanna Izett, Sales Account Management and Business Development

linkedin.com/in/johannaizett



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ProDecipher (Switzerland)

prodecipher.com

info@prodecipher.com

[LinkedIn](#)

Sector: ESG and compliance

ProFuelTrace – a comprehensive platform for the energy industry - will enable supply chain traceability to validate sustainability claims such as net carbon zero, green hydrogen/ammonia and Scope 3 emissions, helping organisations reduce compliance costs and substantially reduce risk of non-compliance.

Our approach is bottom-up, where the individual apps will integrate to easily like lego blocks to solve supply chain traceability for industry-specific needs. We are using innovative distributed ledger technologies to harness the power of tools such as blockchain, smart contracts and zero knowledge proofs.

Year of formation: 2021

Sanket Bhatia, CEO

Raising: £1.5m

linkedin.com/in/sanketbhatia

Asish Kumar Chaudhury, Advisory Board Members

linkedin.com/in/akchaudhury



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Tinia (Romania)

tiniagroup.com

office@tiniagroup.com

[LinkedIn](#)

Sector: Energy Efficiency

Tinia provides cutting-edge solutions that enable the automated trading and settlement of energy transactions in real-time. Our innovation combines the power of AI and blockchain to create a highly secure and transparent platform that allows energy producers and consumers to directly exchange energy without the need for intermediaries.

By fully integrating with Tinia, local grids can benefit from data-driven and automated processes to improve energy production and consumption, resulting in a cleaner and more sustainable world. Tinia aims to decentralise solar energy production and integrate it into existing energy grids as the current systems do not provide predictability or traceability for solar energy production.

Year of formation: 2022

Sandu Basaban, Strategic International Growth Partner

Raising: £7m

linkedin.com/in/sandubabasan

Ovidiu Marian, Co-founder and CTO



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Zohar CleanTech (Israel)

zohartech.com

moran@zohartech.com

[LinkedIn](#)

Sector: Carbon Capture and Emissions

ZoharTech is a trailblazing cleantech startup founded by leading and experienced Israeli scientists and engineers and which aims to be the leader in decentralised on-site waste disposal systems. Our goal is to significantly reduce greenhouse gas (GHG) emissions, urban traffic and landfill, while producing energy.

We offer a sustainable container size solution to replace heavy collection and landfill costs with our innovative creation, ZoharX, a decentralised, local waste to energy system. ZoharX is a best-in-class solution for small municipalities, hotels, factories, malls, and commercial assets that can reduce GHG emissions by 2,000 tons per year per device.

Year of formation: 2017

Moran Kirshner Goldberg, CEO

Raising: TBA

[linkedin.com/in/moran-kirshner](https://www.linkedin.com/in/moran-kirshner)

Chanan Gabay, Chief Business Development Officer

[linkedin.com/in/chanangabay](https://www.linkedin.com/in/chanangabay)



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Cohort (absent)

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BaTTeRi (Israel)

batteri.energy

info@batteri.energy

[LinkedIn](#)

Sector: Energy Infrastructure

Thomas by BaTTeRi is a proprietary charging robot that is a DC rapid charger and has a battery storage on board able to charge any EV by wire or wireless at every spot in the parking lot, replacing the need for costly, under utilised charging infrastructure. It helps to scale up charging capacity for EV drivers in a fast and reliable way and giving the EV driver the best service while reducing CAPEX and electricity demand from the supplier.

Thomas reduces the stress on the electric grid with its onboard storage capabilities, eliminates the need to upgrade grid connections, and lowers peak demands.

Year of formation: 2022

Tomer Shahaf, Co-founder and CEO

Raising: £2.5m

linkedin.com/in/tomer-shahaf

Ram Rotbart, CTO

linkedin.com/in/ram-rotbart

BA+T+HERI
We're in charge

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Deasyl (Switzerland)

deasyl.com

hello@deasyl.ch

[LinkedIn](#)

Sector: Energy Efficiency

Deasyl identifies, develops and in-licenses novel chemistry which can be used by major petrochemical and fine chemical players, making green chemical processes an alternative to polluting processes.

Our vision is to participate in creating a strong circular economy with greener manufacturing processes. We help industrial players reduce chemical pollution by using our patented processes. Our patent strategy aims at producing what we call process intensification; that means more cost-effective processes, fewer solvents, reduced energy consumption and lower footprint.

Year of formation: 2017

Salima Fassi, Vice President

Raising: £2m

linkedin.com/in/salima-fassi



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Economotor (Israel)

economotor.co

info@economotor.co

[LinkedIn](#)

Sector: Electric Vehicles

Economotor's groundbreaking power control system for synchronous electric motors enhances energetic efficiency, safety, and production. Based on a unique, protected invention, our technology optimises the use of EV resources – increases torque, decreases energy consumption, simplifies manufacturing, reduces costs and dependency on permanent magnets.

Our solution is based on an invention that introduces a completely new approach to power control, bringing a whole new set of benefits and capabilities to this area that were not achievable thus far. Our adaptive control technology is applicable for different industries and operational environments.

Year of formation: 2022

Shai Cohen, CEO

Raising: £4m

linkedin.com/in/shaicohen

Zvi Vainer, Founder and CTO



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Kolbev (Switzerland)

kolbev.com

info@kolbev.com

[LinkedIn](#)

Sector: Energy Infrastructure

Kolbev GmbH offers a disruptive way of infrastructure free, on-demand and on-site renewable energy delivery. We have developed a patent-pending, mobile EV charging system with energy storage that can be delivered to any point in a city. Our flexible, easy to scale system, is not constrained by the need for it to be installed at a fixed location, such as charging stations.

Kolbev users simply need to park their EV within city limits. They can request charging via their phone with our Artificial Intelligence choosing which mobile charging station to deploy. Such ease of use makes the user feel relieved, free, and satisfied that their EV will be automatically recharged with renewable energy from a robotic mobile battery.

Year of formation: 2020

Jakub Kwapisz, CEO

Raising: £2m

linkedin.com/in/jakubkwapisz



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Offsetted (Germany)

offsetted.com

hello@offsetted.com

[LinkedIn](#)

Sector: ESG and compliance

[Watch Offsetted's pre-recorded pitch](#)

Offsetted helps organisations to become net zero by providing a data-driven carbon reduction plan and access to a B2B enabled marketplace of decarbonisation solutions on top of the fully operational carbon accounting and ESG reporting platform, helping them to disclose emissions for a fraction of a price, in seconds.

We are building the carbon reduction engine powered by artificial intelligence and process mining technologies to eliminate at least 1% of global GHG emissions per year through our and our partners' services.

Year of formation: 2022

Alex Lazarenko, Co-founder and CEO

Raising: £500k

linkedin.com/in/aleksandrlazarenko

Daria Lipatova, Co-founder

linkedin.com/in/daria-lipatova

offsetted

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Addionics (United Kingdom)

addionics.com

info@addionics.com

[LinkedIn](#)

Sector: Electric Vehicles

We're creating the next generation of energy storage by focusing on battery physics and are enabling higher energy density, lower charging time, and improved heat safety, with the largest markets in mind. Electric vehicles have the largest potential to reduce greenhouse gas emissions and environmental pollution. With our technology, this means cleaner transport and less contribution to climate change than conventional vehicles.

And at Addionics, we're not limited to vehicles. We're building an all-battery powered future that can live longer and generate less waste. Our technology support's the creation of a clean and sustainable planet.

Year of formation: 2018

Dr Farid Tariq, Co-founder and CTO

Raising: TBC

linkedin.com/in/farid-tariq

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Olsights (United Kingdom)

olsights.com

hello@olsights.com

[LinkedIn](#)

Sector: Energy Efficiency

Olsights is a clean energy data visualisation and application developer creating an affordable digital engineering toolkit that allows quick decision-making to democratise and accelerate the energy transition.

A visual analytic tool to understand integration of global energy transition developments, the Olsights Eye provides easy access to evolving complex energy transition developments. The Eye helps solve the big organisational challenges facing the energy transition taking a fresh look at the integration of national CCS, hydrogen and renewables.

Year of formation: 2020

Emmanuel Kirunda, COO and Commercial Director

Raising: £600k

linkedin.com/in/emmanuel-s-kirunda



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Rensair (Denmark)

rensaair.co.uk

contact@rensaair.com

[LinkedIn](#)

Sector: Energy Efficiency

Rensair “Smart Demand Controlled Ventilation” (SDCV) provides an excellent Indoor Air Quality environment whilst significantly reducing energy consumption and carbon emissions by more than 40% in buildings. Rensair “Smart Demand Controlled Ventilation” (SDCV) takes HVAC efficiency to another level by both part substituting expensive mechanical ventilation with cost-effective air purification and also by optimising the mechanical ventilation/air purification mix in real time to suit occupancy levels.

Rensair is implementing SDCV with large multinationals, public institutions and leading universities, helping them take large steps forward in reducing energy consumption towards their Net Zero targets.

Year of formation: 2020

Christian Hendriksen, Co-founder and CEO

Raising: TBA

linkedin.com/in/christianhendriksen

RENSAIR

Clean Air. Certified.

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Investor panel

25 May: Onstage Pitch at Innovation Zero



Hugh Bartlett, Senior Investment Executive, Green Angel Syndicate

Hugh is Senior Investment Executive, Green Angel Syndicate having joined the organisation in 2018. Prior to this he was with Titus Trust. In 2021 Hugh was awarded the prestigious BusinessLeaders Green Young Executive of the Year award for his achievements at Green Angel Syndicate.

About Green Angel Syndicate

Widespread systemic change requires a range of innovations. It is a practical problem. Multiple small inventions are needed to make incremental changes at global scale. This will build up to entire systemic change; tiny inventions with huge potential. These all require innovation, so that our human needs are still met, but they are met by using a completely different approach. Green Angel Syndicate specialises in this new approach needed to fight Climate Change. We search out, assess and select the innovations that will make a difference, and then invest in them to enable their development.



greenangelsyndicate.com

[LinkedIn](#)

[@gas_investments](#)

25 May: Onstage Pitch at Innovation Zero



Liliya Chechel, Venture Principal, Shell Ventures

Liliya is coming soon...

About Shell Ventures

Shell Ventures helps companies reach the next level. Established in 1996 as one of the first corporate venture funds in the oil and gas industry, we act as an investor and a partner to help commercialise innovative businesses. Shell Ventures works with startups and companies from their early stages to their scale and growth phases. We make minority investments that help to develop new technologies and disruptive business models that work to accelerate the energy and mobility transformation. Investing in venture funds and incubators is also critical to expanding our scanning capabilities, making introductions to great companies and potential investment opportunities.



shell.com/ventures

[LinkedIn](#)

[@shell](#)

25 May: Onstage Pitch at Innovation Zero



Rubina Singh, Principal, Octopus Ventures

Rubina manages the early-stage Deep Tech team at Octopus Ventures. Previously, she established and led the British Gas innovation division. With a BEng and MEng in sustainable energy engineering, Rubina's started her career at Fraunhofer as a solar engineer before heading up its division to validate and back early-stage cleantech. Since then, she's worked with US DOE, corporates, start ups, universities and accelerators on sustainable deep tech development, de-risking, and commercialisation. Rubina advises the European Innovation Council, Solar Impulse Foundation and sits on the board of POWERful Women..

About Octopus Ventures

Octopus Ventures, part of Octopus Investments, is one of the largest and most active venture capital investors in Europe. Our mission is simple – to invest in the people, ideas and industries that will change the world. We back founders who are changing the world for the better. We invest where we can make the greatest positive impact, getting behind businesses that put people, community and the environment first. Our teams are sector experts focusing on six exciting and meaningful areas: B2B Software, Bio, Climate, Consumer, Deep Tech, Fintech and Health. We build long-lasting relationships with founders, investing as early as an idea on a page and supporting at every stage of growth – with funding, but also with humility and hands-on support for founders and their teams.



[octopusventures.com](https://www.octopusventures.com)

[LinkedIn](#)

[@OctopusVentures](#)

25 May: Onstage Pitch at Innovation Zero



Jonathan Tudor, Investment Partner, Clean Growth Fund

Jonathan is an Investment Partner at the Fund and sits on its investment committee. Jonathan has more than 20 years of venture investment experience across multiple sectors, geographies and markets. He has led investment teams at BP Ventures and more recently was Technology Strategy director at Centrica. He returns to work with Beverley having previously worked with her as part of the in-house venture team at QinetiQ, where they helped to create, fund and build several companies.

About Clean Growth Fund

Clean Growth Fund is a £101m climate venture capital fund. We empower UK clean tech entrepreneurs with the expertise and capital that they need to tackle the climate crisis. Clean Growth Fund was set up in 2020 to invest in UK-based innovations that significantly reduce greenhouse gas emissions or improve resource efficiency across: power, transport, industry, buildings, waste and water industries. We typically make an initial investment between £500k and £3m, predominantly during Seed or Series A stages.



cleangrowthfund.com

[LinkedIn](#)

[@cleangrowthfund](#)



UK Net Zero Energy Bootcamp 2023
is a project of Global Tech Connect

[Global Tech Connect](#) (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 Founding Partners are [Advantage Austria](#); the [British Croatian Chamber of Commerce](#); [La FrenchTech London](#); [UK Israel Tech Hub](#); [TechItalia](#); [r10ventures](#) (Romania); [Innosuisse](#) (Switzerland), and [Hackquarters](#) (Turkey). We've since been joined by [Business Finland](#) and [Digital Hub Initiative](#) (Germany).

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.

