UNLOCKING AMBITION 2020-21 **COHORT LIST**

Participant	Company	Location	Industry	Description
Lisa McMyn	**1nhaler Ltd.**	Borders	Life Sciences	Medical device innovators selling worldwide their patented drug delivery platform for more sustainable medicine delivery use
Stewart Arbuckle	**Agricarbon UK Ltd**	Dundee	Agritech	Ground-breaking technology for measuring soil carbon stocks in agriculture and other landscapes at low cost and high accuracy
Thomas Farrugia	**Beta Bugs Ltd.**	Edinburgh	Agritech	Creates and sells high-performance insect genetics for the insect farming sector
Andrew Smithsimmons	**Braided Communications Ltd.**	Glasgow	Tech & Eng	Software that enables effective conversation in exploration-class space flight negating time delays in comms due to very large distances
Ishani Malhotra	**Carcinotech Ltd.**	Edinburgh	Life Sciences	Manufactures 3D bio-printed mimicked cancer environments for drug testing, discovery, pre-clinical trials and precision medicine testing
Saber Khayatzadeh	**Crack Map Ltd.**	Glasgow	Digital	Aims to reduce the cost, time and risk associated with structural health monitoring while improving reliability of fractures assessment
Alison Olivia Wood	**Dream Pads Ltd**	Edinburgh	Textiles	Creators of Lilypads, comfortable affordable reusable period pads, with 10% of revenue used to subsidise pads internationally
Gareth Claase	**Gecko Glazing Ltd.**	Edinburgh	Tech & Eng	Innovative secondary glazing reducing heat loss of any window far more cheaply, quickly and easily than any existing product
Steve Skill	**Greenskill Env. Tech. Ltd.**	Edinburgh	Biotech	Develops and deploys platform technology to exploit greenhouse gas emissions and water pollution
Claudia Freigang	**Hearing Diagnostics Ltd.**	Edinburgh	Digital	Develops and commercialises novel hearing testing technology to make hearing tests as common, reliable, and accurate as eye testing
Alexander Macdonald	**HS Vision Ltd.**	Edinburgh	Tech & Eng	Patent-pending sports sunglasses using world-first lens technology which allows rear vision for commuters/competitive cyclists
Alan White	**Interactive Health Ltd.**	Inverness	Digital	Develops and delivers person-centric digital health solutions, based on AI and Machine Learning to support occupational and mental health.

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Jamie Bankhead	**Konglomerate Games Ltd.**	Dundee	Creative	Video gaming developers specialising in developing healthcare support gaming i.e. serious games
Hamish Cathcart Geddes	**Lenz Ltd.**	Edinburgh	Tech & Eng	Patented product for railway operators that provides greater wheel-rail interface to remove the knock-on effects from poor weather
Jamie Lindsay	**Lind Ltd.**	Glasgow	Tech& Eng	Low carbon technology converting domestic wet central heating systems for energy storage via a novel flow battery system
Francisco Carreno	**Loch Electronics Ltd.**	Edinburgh	Tech & Eng	Innovates, designs and brings to market consumer electronics focused on reducing global carbon footprint
Eve Hanks	**MI:RNA Ltd.**	Edinburgh	Tech & Eng	Offers innovative diagnostic testing solutions to the veterinary market
Judith Simms	**Mygo4ward Ltd.**	Inverness	Life Sciences	Low cost, wearable technology to improve the mobility and the lives of spinal cord injured patients and those with neurological disabilities
Celia Davies	**Omanos Analytics Ltd.**	Glasgow	ADM	Processing space data to monitor environmental and social impacts, offering data analysis products for a range of global clients
Beena Sharma	**Orbis Energy Innovations Ltd.**	Aberdeen	Tech& Eng	Breakthrough energy solutions for hard to heat properties
Claire Rampen	**Pomelo Collective Ltd.**	Edinburgh	Tech & Eng	Powers circular economy/reuse systems for the 21st century, helping companies make data-driven and environmentally sound decisions
Paul McGinley	**Pyramid Wifi Ltd.**	Glasgow	Digital	Empowers anyone, regardless of technical ability, to protect their privacy online
Anthony Magrath	**Reshape Technology Ltd.**	Edinburgh	Digital	A platform that enables organisations and individuals to work together to make better decisions, accelerating the path to net zero
Fergus Moore	**Revive Eco Ltd.**	Glasgow	Food & Drink	Extracting high value, natural chemicals from used coffee grounds for use in the cosmetics, food and drink, and textiles industries
Yanik Nyberg	**Seawater Solutions Ltd.**	Glasgow	Agritech	Creates green-tech to turn underutilised land into wetland ecosystems for food production and climate resilience
Pooja Katara	**SENSEcity Ltd.**	Glasgow	Digital	Specialising in the development of software and augmented reality experiences using 3D for tourism sector enhancement

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Alicja Dzieciol	**SilviBio Ltd.**	Edinburgh	Agritech	Creating seed coatings to increase germination rates of tree and vegetable seeds in moisture deficit conditions
Niall Fotheringham	**Solexsys Ltd.**	Fife	Energy	Designs, manufactures and sells domestic energy controls and unique battery storage equipment using AI for reductions in carbon emissions
Edward Mitchard	**Space Intelligence Ltd.**	Edinburgh	Digital	Sells essential services to businesses by developing nature-based solutions to climate change by applying AI to big data from space
Robert Hall	**Studio Vans Ltd.**	Isle of Uist	Tech& Eng	Innovative installation systems converting standard vans to campervans for eco-friendly refits, using global artistic collaborations
Sean Kerr	**Sustainable Thinking Scotland CIC**	Falkirk	Food & Drink	Tackling food poverty, reducing landfill use and to working with the community to bring about action on carbon-based climate change
Kerry-Anne Quinn	**TCS-Eco Ltd .**	Ayrshire	Textiles	Manufacture premium quality bespoke reusable sanitary pads made 100% ethically in Scotland – saving the planet one period at a time
Robyn Hickerson	**Ten Bio Ltd.**	Dundee	Life Sciences	Innovative mimicking of living human skin to dramatically reduce animal testing and create change in pharmaceuticals and cosmetics
James Iain Mann	**The (Global) Future Forest Co. Ltd.**	Isle of Mull	Forest Industries	Profitable reforestation of land and co-deployment of carbon removal technology
Christopher Helson	**Tiny Air Ltd.**	Dumfries	Tech & Eng	Designs and produces technology for decontaminating surgical instruments
Zakareya Elmo Hussein	**Touchlab Ltd.**	Edinburgh	Tech & Eng	Uses cutting-edge electronic-skin tech to transfer the sense of touch to machines with applications for space and hazardous environments
Javier Dominguez	**TWEFDA Ltd.**	Aberdeen	Energy	Renewable energy technology company, developing and commercialising wave and tidal energy and storage
Dr Alireza Abbassi Monjezi	**Waterwhelm Ltd.**	Edinburgh	Energy	Commercialising a process for low-carbon wastewater treatment, desalination and renewable energy generation
Vasileios Vamvas	**Wenverter Ltd.**	Glasgow	Energy	Research and development in marine wave energy

Aslihan Penley	**Zoex Power Ltd.**	Aberdeen	Tech & Eng	Helping Offshore Industries achieve net zero goals by clean electricity from ocean waves in a safe and cost-effective way