



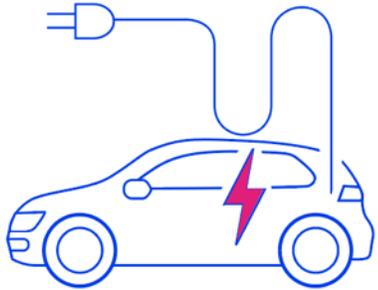
A new British technology that will power-up the lithium rush and the race to net zero.

September 2021

The information contained in this document is confidential and provided to you as a UK based experienced investor by Salinity Solutions Limited solely for your information. It is not an offer to sell shares and does not contain sufficient information to make an investment decision.

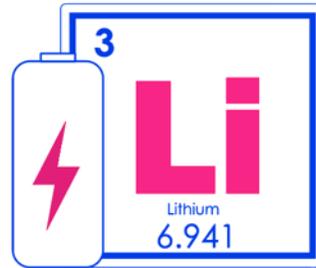


Soaring global demand for lithium



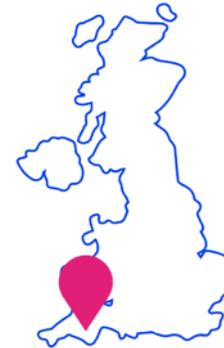
Powering the future

Lithium is a critical component in the batteries that power electric vehicles – vital in helping the world reduce carbon emissions and hit global net zero targets



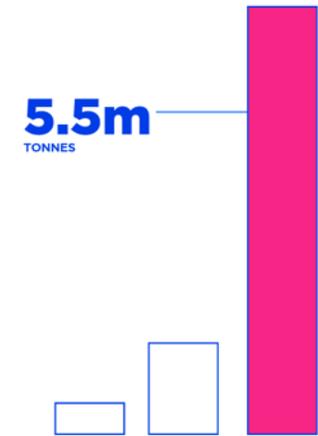
A sustainable opportunity

Lithium is an abundant element, though current extraction methods often come at a huge environmental cost



A UK focus

As the UK currently imports 100% of its lithium, environmentally responsible lithium mining in the UK has strong government support



A growing market

Today's annual lithium market is roughly 300k tonnes. It's forecast to grow to 1.2m tonnes as early as 2025 and 5.5m tonnes by 2040

THE TECHNOLOGY

Salinity's technology is the worlds most efficient and scalable system for brine concentration

Our sealed loop reverse osmosis system concentrates brine to enable more efficient lithium extraction from groundwater. This new technology is scalable and unlocks the potential for low impact mineral extraction operations in the UK and Europe.



x20

INDUSTRY-LEADING
YIELDS

Provides exceptional brine
concentration levels (5 - 20x)

<50%

AT A SMALLER
FOOTPRINT

Less than half the size
of other systems

<50%

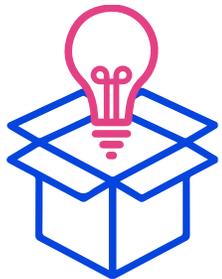
WITH LOWER
ENERGY USE

Less than half the
energy consumption



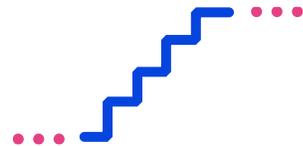
A well-substantiated proposition

Salinity Solutions is supported by Clean Engineering – an investment company that specialises in co-developing sustainable engineering start-ups. The proven methodology they use has been developed over 50 product development projects in the past 10 years.



PRODUCT

Engineering product development and innovation expertise



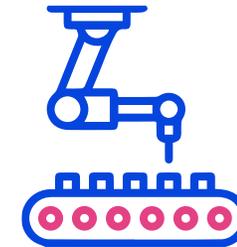
PROCESS

Proprietary Green Staircase model drives progressive development and returns



PEOPLE

Expert support, including finance, commercial, HR, marketing, legal and IP



PRODUCTION

Flexible prototyping and manufacturing facilities in Coventry

Experienced leadership team



Timothy Naughton **CTO, BEng**

Engineer, delivery, product. 6 years of salinity technology R&D at Aston & Birmingham Universities. Led spin-out through the ICURe programme, securing grant and equity funding.



Richard Bruges **CEO, MBA BSc**

Leader, strategy, process. 30+ years industrial product and market development, founder of Productiv and The Proving Factory. BSc Mech Eng, Executive MBA.



Antony Cockle **CCO, MSc**

Mentor, sales, people. Sales and team development in private and public sectors since 1992, performance improvement of start-ups to scale-ups. MSc in People and Organisational Development, Fellow of the Institute of Leadership and Management.



Elizabeth Dainty **CFO, ACA**

Controller, finance, profit. Experienced Chartered Accountant and financial controller. Supported multiple start-ups and university spin-outs. Expert in securing and managing grant funding; ACA.

THE ASK

£400,000 of new equity

Salinity Solutions is seeking £400,000 of EIS-qualifying investment, to supplement £150,000 from principal investor Clean Engineering and a £210,000 grant from Innovate UK ICURe.

Your investment will:

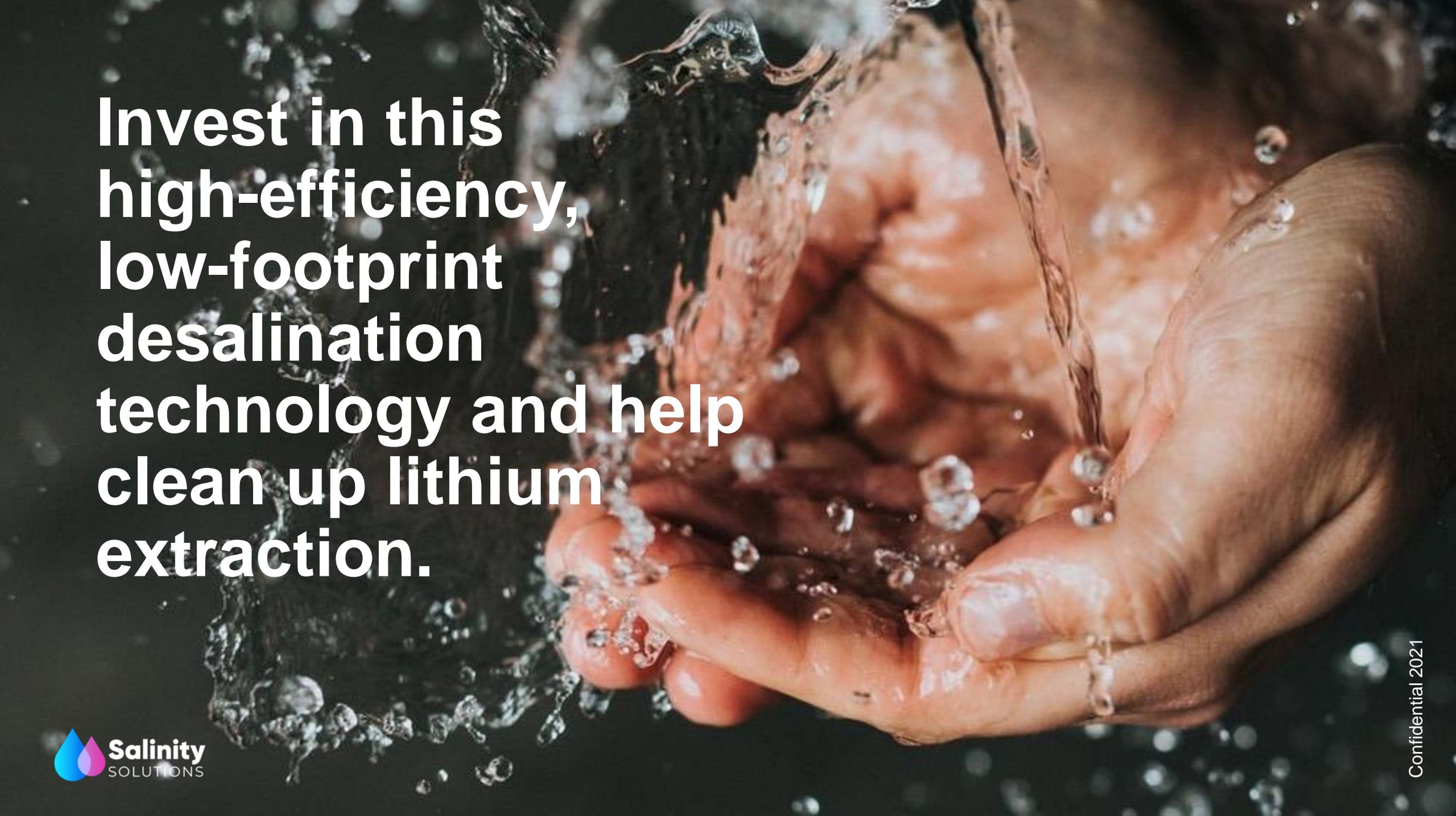
Help develop Salinity's technology, enabling sustainable lithium extraction in Britain

Support the build of the first in-field trial system, to be deployed at the R&D facility of Cornish Lithium in the latter part of 2021 (the first UK pilot for lithium production)

Enable further exploration of future market applications within mining and mineral extraction globally

This investment will help grow the business through to its first commercial orders.





**Invest in this
high-efficiency,
low-footprint
desalination
technology and help
clean up lithium
extraction.**



For more information or
to register your interest,
please visit:

salinitysolutions.co.uk/crowdcube



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