

CORNISH LITHIUM LTD 3D DRONE MAPPING AND VIDEO

CIRCULAR ECONOMY & ENVIRONMENTAL GROWTH

INTRODUCTION

Cornish Lithium Ltd was set up in 2016 to explore for lithium within hot springs that naturally occur beneath the surface in and around Cornish granite. The aim of the company is to create a new high-tech, environmentally responsible mining industry in the region. Their exploration programme is the first step in helping Cornwall to play a major role in this global transition, contributing to the county's environmental growth.

This project has two main elements to it, the first being 3D digital geological modelling and the second, a technical video. Cornish Lithium identified a UAV (drone) survey to map major geological features where visible in Cornish cliffs, bringing a new dimension to their mineral exploration programme for lithium in Cornwall. Secondly, Cornish Lithium are keen to develop a public engagement video, to help people visualise what drilling and brine extraction involves, and how the extractive industry is vital for a successful circular economy. This video is key to ensuring local communities have a good understanding of the project.



GRANT AWARDED

£9180.86

Used to purchase

A 3D geographic drone survey and production of a technical video

IMPACT SUMMARY

This investment significantly contributes to Cornish Lithium's understanding of the natural environment – both with respect to its geology and its significance for their exploration programme, but also through communication with local stakeholders. The resulting video is engaging local communities ensuring a better understanding of where future sites could be located to minimise both environmental and social impacts.

Lithium battery storage is vital to maximise the benefits of renewable energy and in the long term is expected to reduce the reliance on fossil fuels. If these projects are successful then they will help Cornwall play a role in the transition to a carbon free economy.

BUSINESS ASSISTANCE

"The Tevi Team saw the potential of this project straight away and supported us with expert advice, consultation and business support."

"The application for grant funding was made easy and being guided through the process has meant we've been able to move the project forward much faster than expected"

*Lucy Crane
(Exploration Geologist)*

