

LONG DURATION SMART BATTERY SYSTEM (SMART BESS)



PROBLEM

The energy being produced by renewable sources is increasing. However, there are limited ways to store the energy when it is not able to match the grid requirements.

SOLUTION

Albion's solution is to use the Smart BESS as a capacitor to sit between the renewable source and national grid to store and distribute the power when required and at the constant rate the grid requires.

MARKET

In the UK there is currently 1.6GW of Energy Storage operational with 15GW in the pipeline ready to be installed with the expected growth to hit 38GW operational by 2050. Albion's product will contribute to the Net Carbon Zero 2050 pledge the UK is currently running.

CURRENT RAISE

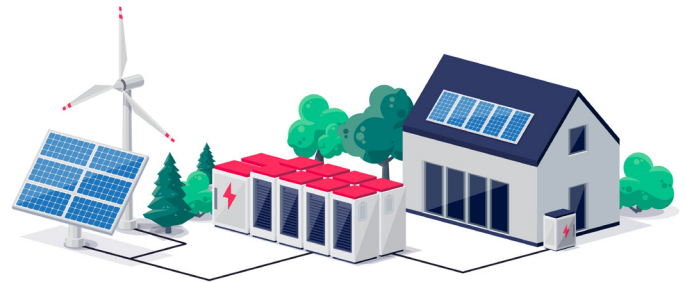
To date the total raise is £625,000

THE PLAN OF ACTION

Suppliers are all selected, and with the funding the pilot project will be completed within 4 months. This will be a proof of concept and initiate a 200MW a year contract with Solos Power for the next 3 years, along with other potential contracts.

PRODUCT

Albion's Smart BESS™ utilizes a world first Smart Battery™ that allows our BESS to deliver over 90% usable energy and monitoring of every individual part of the system to give a 35% longer lifetime than competitors



ALBION TECHNOLOGIES LTD

Albion Technologies UK Ltd

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