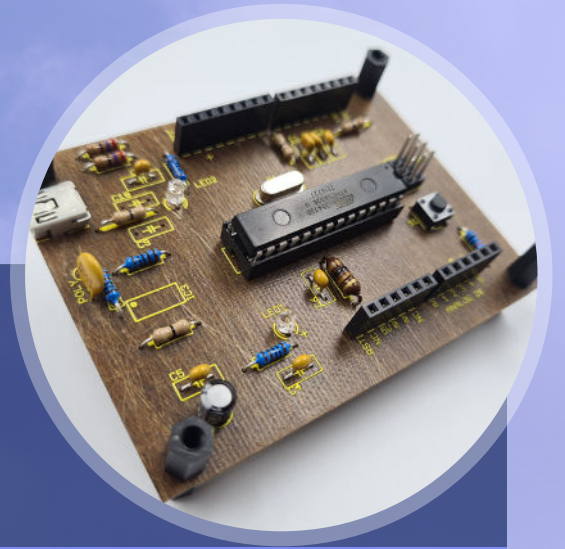




JIVA



Name: JIVA

Country: UK

Incorporated: 2017

Fund: Katapult Seed Fund 1

Problem:

On a global scale, more than 57 million tonnes of Waste Electrical and Electronic Equipment (WEEE) is produced every year. This number shows no sign of decreasing and the UK alone contributes an average of 2 million tonnes to the fastest growing waste stream every year - PCBs contribute significantly to this waste. PCBs are currently constructed from epoxy resin and fibreglass. The only commercial method of processing waste PCBs involves shredding and incinerating them to extract precious metals.

Solution:

Jiva has developed and patented Soluboard - the world's first commercially available recyclable PCB substrate. Soluboard is constructed of natural fibres and can be dissolved in hot water in order to remove electronic components more efficiently for recycling compared to the incumbent glass-fibre and epoxy-based substrates. Jiva's early adopters include customers operating in industries such as white goods, LED lighting and small domestic appliances.

Impact:

"Working with British and European partners, Jiva has been able to secure a raw material supply chain, multiple manufacturers of Soluboard and a growing pool of potential customers. Jiva has received significant interest from international blue-chip technology corporations driven by long-term sustainability targets. If Soluboard is used in just 1% of European domestic appliances, 100 tonnes of plastic waste would be eradicated from Waste Electrical and Electronic Equipment.



Jack Herring
CPO, JIVA

