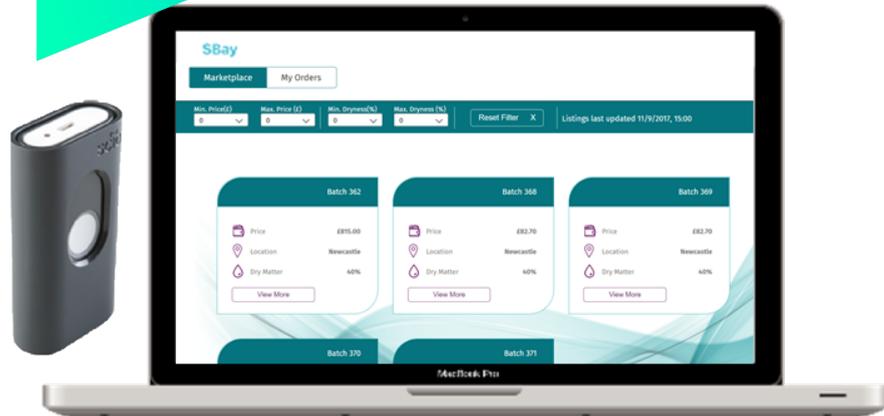


A SMART TRADING PLATFORM FOR BIO-RESOURCES

A REVOLUTIONARY MARKET FOR BIO-RESOURCES



WHAT IS IT?

Within the next 3 years the UK's water and waste sector will dramatically change. Currently, 'bio-resources', the technical term for the by-product produced during sewage treatment of public wastewater, is regulated by the government, but not for much longer. Currently, the UK produces **1.2M tones of bio-resources per year**, which costs water and sewage companies **£5.4m** to produce and dispose of it every year.

Our patent-pending Proof of Concept (PoC) allows us to treat bio-resources as a tradeable product, leveraging scio technology, machine learning and smart contracts. The bio-resources are first scanned by scio technology to assess the molecular composition of each batch, this is then valued using machine learning and finally sold to the buyer through smart contracts. Not only does our PoC realise the value of bio-resources onto the tradeable market, it also allows sellers the opportunity to dynamically price their bio-resources, and enables buyers to have superior customer confidence in the product they are purchasing.

KEY FACTS



£1.3bn

The estimated benefits gained by 2020 from deregulating bio-resources. [1]



61.5%

The estimated growth of the blockchain and smart contract market by 2021. [2]



\$47bn

Predicted spending on Artificial Intelligence and Machine Learning by 2020. [3]

BENEFITS

- 1. Opens up an intuitive market platform**, allowing users to confidently buy and sell bio-resources using Smart Contracts.
- The underpinning **Machine Learning technology** allows the platform to constantly improve bio-resources valuations and suggestions for buyers.
- 3. Cross industry application tool** can flexibly be applied to numerous industries can redeem value from their waste such as agriculture, manufacturing and mining.

[1] Ofwat
 [2] <http://www.ethnews.com/blockchain-and-smart-contract-technology-to-grow-615by-2021>
 [3] <http://which50.com/machine-learning-ai-spending-surge-to-ward-47-billion-2020-1d0c555>