




 treeconomy
unlocking nature's value



OUR MISSION

We're a nature-based carbon removal company on a mission to combat climate change & the biodiversity crisis.

We use technology to more accurately quantify, track, and deliver value from nature, aligning financial incentives and planetary well-being.

A photograph of a sun-dappled forest path with a green text box overlay. The path is made of dirt and is surrounded by tall trees with dense green foliage. Sunlight filters through the leaves, creating a pattern of light and shadow on the path. A solid green rectangular box is overlaid on the right side of the image, containing white text.

What could we achieve if the ecological choice were the profitable choice?

- A start-up dedicated to building a better world that places fair financial value on the environment
- Satellite monitoring, drone data, machine learning; we use the best tools to tackle the biggest challenge we as a society face today - climate change and the biodiversity crisis
- Treeconomy can deliver the highest calibre carbon removal projects, but also present a product that could be digitally integrated with platforms and special projects.

Charismatic projects | High impact | Connection to local people | Biodiversity & co-benefits

A wicked problem

“If we don't take action, the collapse of our civilization and the extinction of much of the natural world is on the horizon.”

Sir David Attenborough, COP 24

“We have a situation with climate change which will involve every country in the world and from which we can't self-isolate.”

Mark Carney, May 2020

“COVID-19 is awful. Climate change could be worse.”

Bill Gates, Aug 2020



An opportunity

“Nature-based solutions can offer significant economic growth ... whilst allowing us to rapidly drawdown carbon emissions”

HRH Prince of Wales, World Economic Forum, 2020

“Nature-based solutions for climate harness the power of nature to reduce greenhouse gas emissions and also help us adapt to the impacts of climate change”

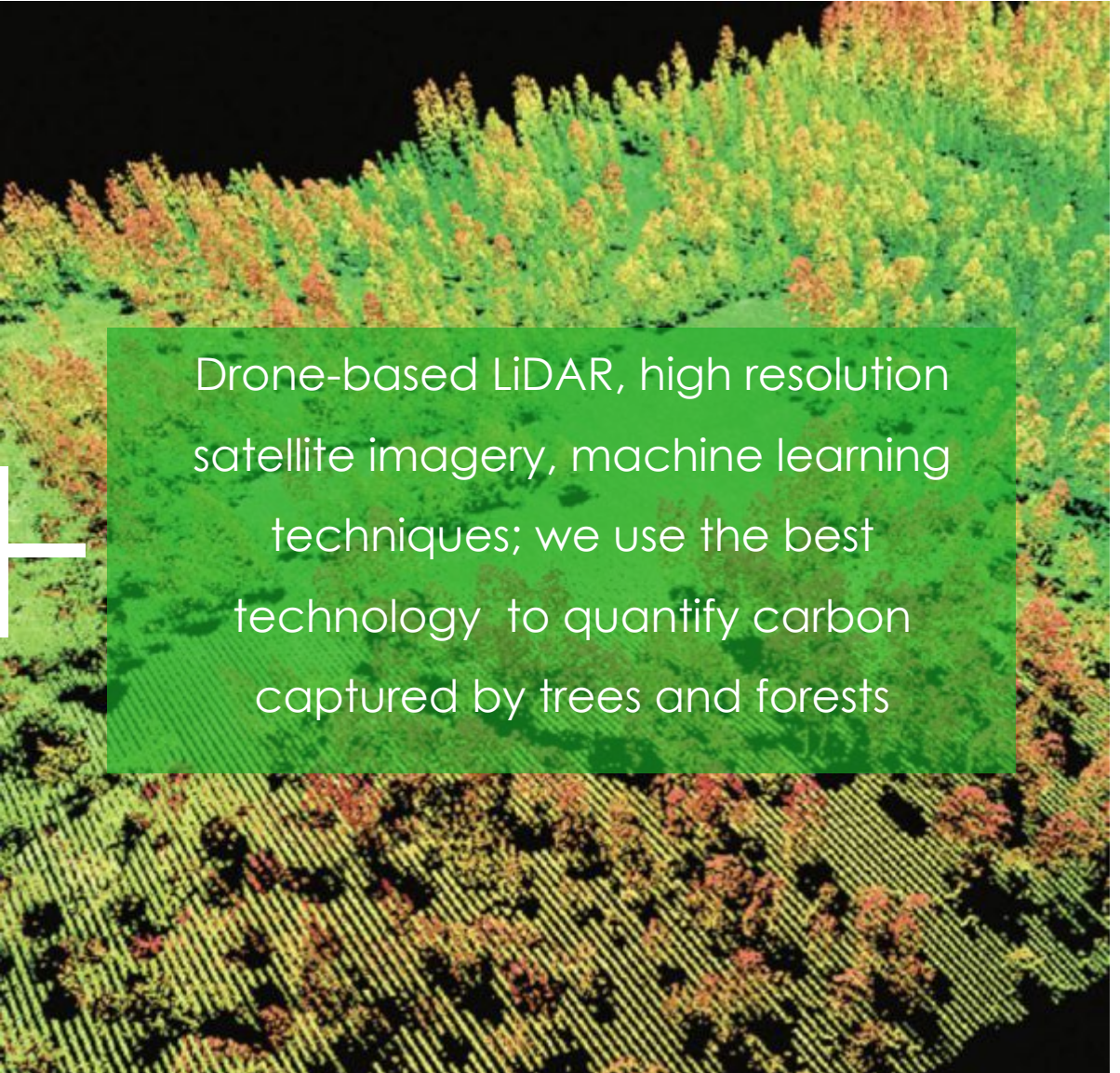
WWF, 2020

“Combating climate change is not just your generation's life or death struggle but also the single biggest investment opportunity in history”

Al Gore, Nov 2019



Treeconomy is building a marketplace for estates and other landowners, allowing them to make money by planting trees and selling captured carbon dioxide



Drone-based LiDAR, high resolution satellite imagery, machine learning techniques; we use the best technology to quantify carbon captured by trees and forests

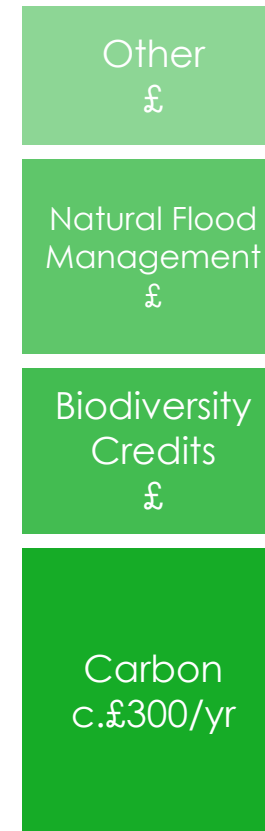
SOLUTION

Technology-first approach

- To scale from a \$300m to a \$100bn market, better methods to quantify, track and attribute carbon removal action and payment are needed in the voluntary carbon market
- More ecosystem services supporting revenue stacking; "unlocking nature's value".
- We can aggregate land-owners and provide the data & brokerage operations at scale.

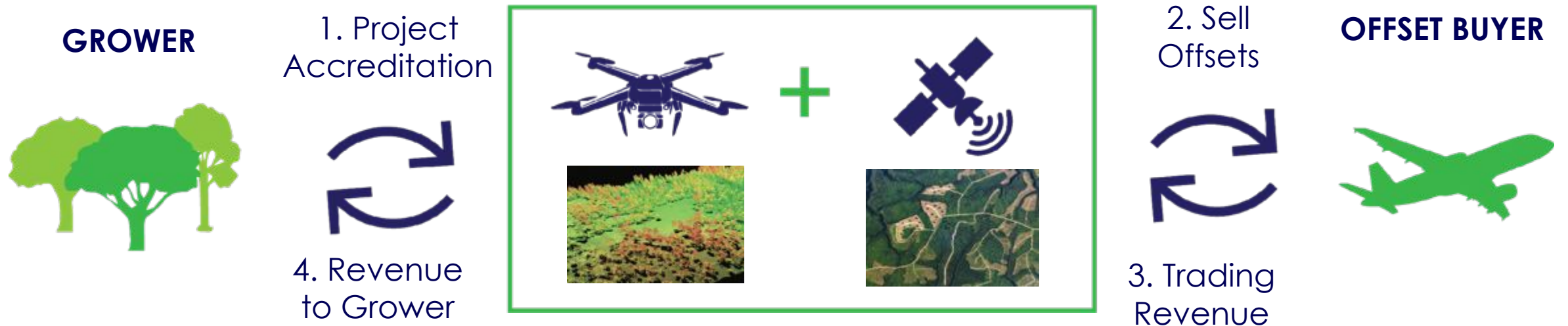
£1,000...

... the annual value of 1 hectare of UK woodland



Our technology will unlock unrealised value

Core Tech Stack

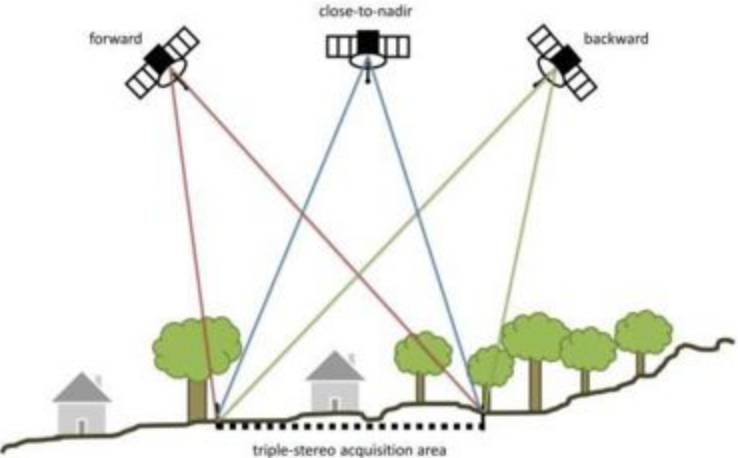


Treeeconomy operates as a carbon developer and brokerage platform

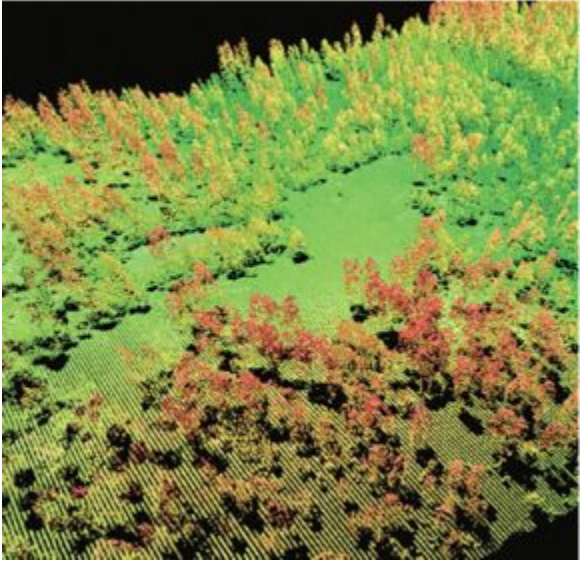
- Connect landowners with the global carbon offset market
- Use a technology-first approach to more accurately calculate carbon stocks
- Convert natural capital into financial capital
- Develop offtake agreements with corporate buyers = long-term cash flow
- Market and broker premium carbon offset credits

Methods & output

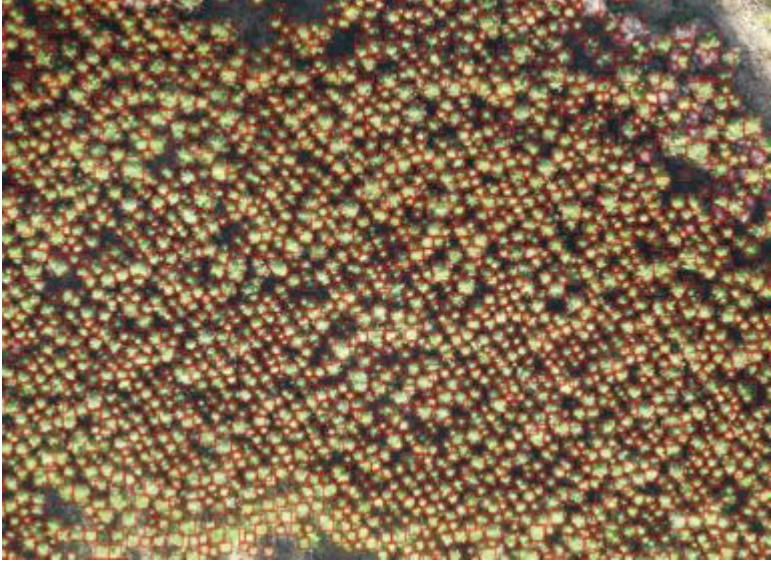
1. Tri – Stereo and high-res satellite



2. Drone Lidar & photogrammetry



3. Tree count & canopy height model (neural network)



New supply & high quality projects

Rewilding



Landscape restoration

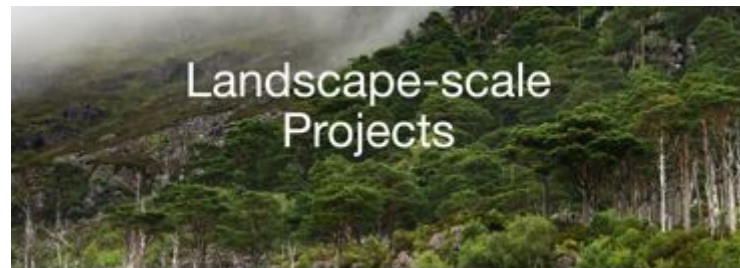
Regenerative agriculture



Agroforestry



Miyawaki



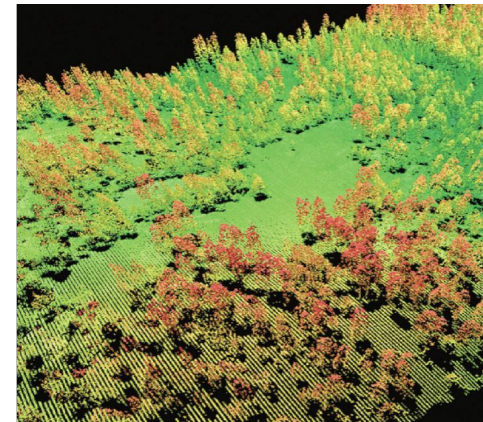
One of the most important Alliance aims is the establishment of landscape-scale projects across the rainforest zone

These projects will be important demonstrations of how to restore and expand Scotland's rainforest.



What do we do that's different?

- End to end support from project creation to brokerage
- Grant sourcing for capital payments
- Partnership agreement and % partnership model
- Premium carbon credit sales
- Support with Net-Zero farm programmes and activities



An example project:

Size = 10 ha

Yield per ha over 50 years = 350 tCO₂e per ha

Total yield = 3,500 tCO₂e

Price = £35/tCO₂e

Gross revenue = £122,500

Net Revenue = £85,750

Per ha/yr = £171.50 per ha/yr



These are example figures and will change based on site-specific characteristics.

CONTACT US



+44 7921 407437



harry@treeeconomy.co



www.treeeconomy.co



THANK YOU