

BIOCARBON ENGINEERING

CHANGING THE WORLD ONE BILLION TREES AT A TIME

Project URL: <http://www.biocarbonengineering.com/>

Project Twitter: [@BioCarbonEng](https://twitter.com/BioCarbonEng)

- Environment & Sustainability
- Geolocation
- Physical Computing

BioCarbon Engineering uses emerging technologies to deliver precision planting and mapping to increase the uptake rates and the likelihood of healthy forest development.

There are a variety of tree-planting techniques, including planting by hand and delivering dry seeds by air. However, hand-planting is slow and expensive, and spreading dry seeds results in low uptake rates.

Their solution balances these two methods. First, by using precision agriculture techniques, they increase uptake rates. Second, their scalable, automated technology significantly reduces the manpower requirements and costs. Finally, their mapping UAVs (unmanned aerial vehicles) will also provide invaluable intelligence on planting patterns, landscape design and appropriate timing.

“Our technology is making it easier for ecosystem restoration groups, mining companies and forestry groups, both private and public, to plant the trees, where they need them, at a fraction of the time and cost,” says founder, ex-NASA engineer Lauren Fletcher.

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