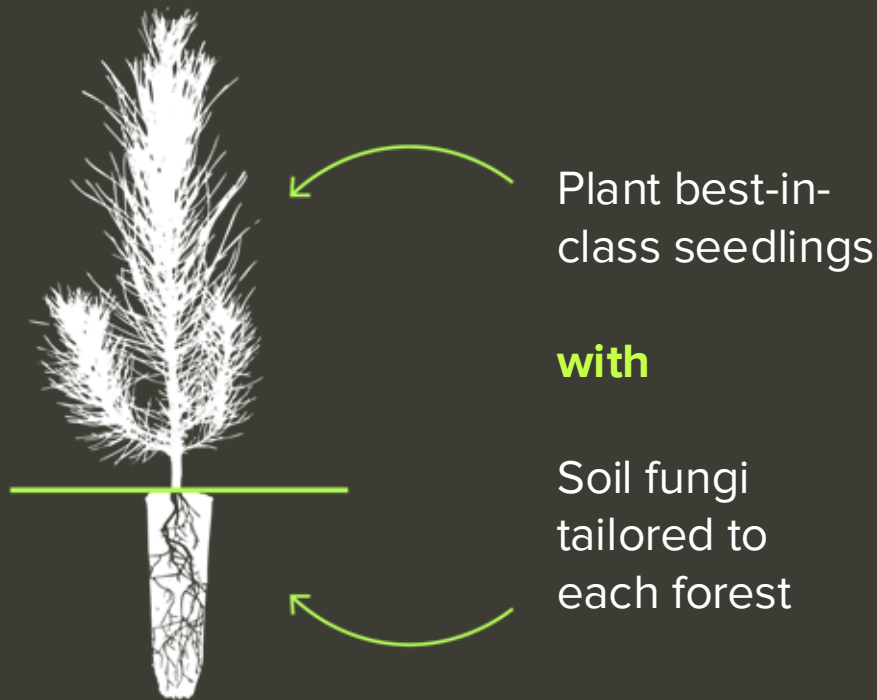


The Next Frontier of Forest Stewardship

Leveraging the soil microbiome
to optimize client goals

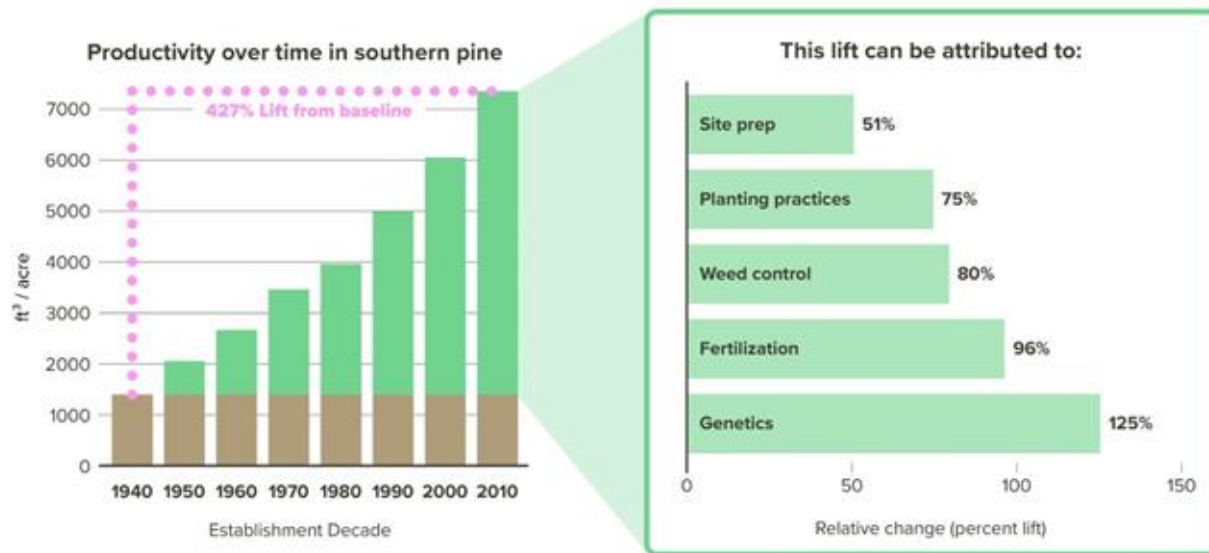
Ernie Spiller

*Funga restores
forest soils with
native, growth-
promoting fungi*



Forestry improvement hasn't peaked

427% increase in wood production since the 40's



Adapted from Fox *et al.* 2007, Restrepo *et al.* 2019

What's belowground impacts the aboveground



*A healthy soil microbiome
allows trees to grow faster
and survive better.*



Missing out on healthier, more productive stands



*Clearcuts lead the fungi
to die off*

75% of soil fungi lost

*Forest's can't restore
the fungi fast enough*

27+ years to return

*Past fungal inoculants
haven't worked*

One-size fits all approaches

Our approach

1. Data Collection

We analyze soil samples from 1000+ forests and pair that information with historical growth and climate data



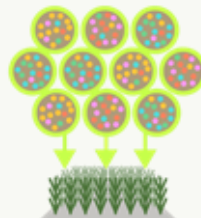
Forest Survey Data

2. Data Analysis

Our data platform identified native communities of fungi linked to forest growth and carbon capture. We then test those.



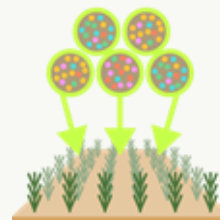
Analysis of
Survey Data



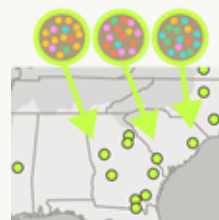
Nursery Trials

3. Custom Inoculants

Best inoculants we test are deployed in the field



Field Trials

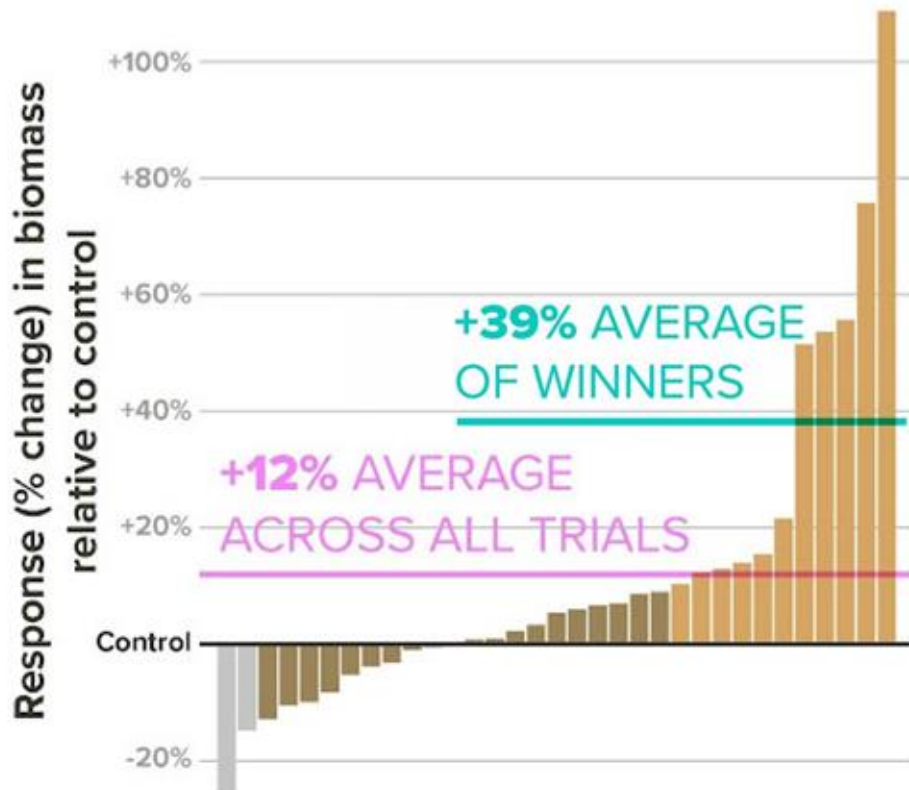


Carbon Project

A region-specific, data-driven solution



*Funga's field trials resulted in an average 12% lift and a **39% lift among "winning" inoculants that would be candidates for large-scale inoculation.***



As simple as planting a different seedling



Control



Funga-Inoculated

Field results are clear



*Funga–treated
trees grow ~**30%**
more on average,
and survive better*



Control tree



Funga Tree

Two-year field results are also clear



*Increased growth
responses hold
after two years*



Control tree



Funga Tree

Funga's Southern Pine Carbon Program

Our program is a zero-cost pathway for soil restoration and stand enhancement

- No cost to clients
- No change in management
- Control plots to verify growth



NETFLIX

**Our Carbon program
is backed by Netflix**

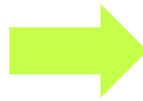
Clear financial benefits over the forest's rotation



**Upfront
Savings**



**Additional
Revenue**



**Long Term
Value**

*We cover the cost to
upgrade entire seedling
orders*

*Landowners receive
annual carbon
payments and retained
timber rights*

*A restored soil
microbiome for healthier,
more resilient timberland*

A closer look at a client's opportunity



David is a 65 year-old landowner in FL

His 300 acre tract has been harvested, and he is planning on replanting with bare root loblolly seedlings for the '26/27 season

Upgraded to OP Elite for free, saving **~\$15,000 in seedling costs**

David gets paid **~\$2,700/year** for participating in program

~\$300,000 more in merchantable timber by final harvest

**Assuming 500 TPA*

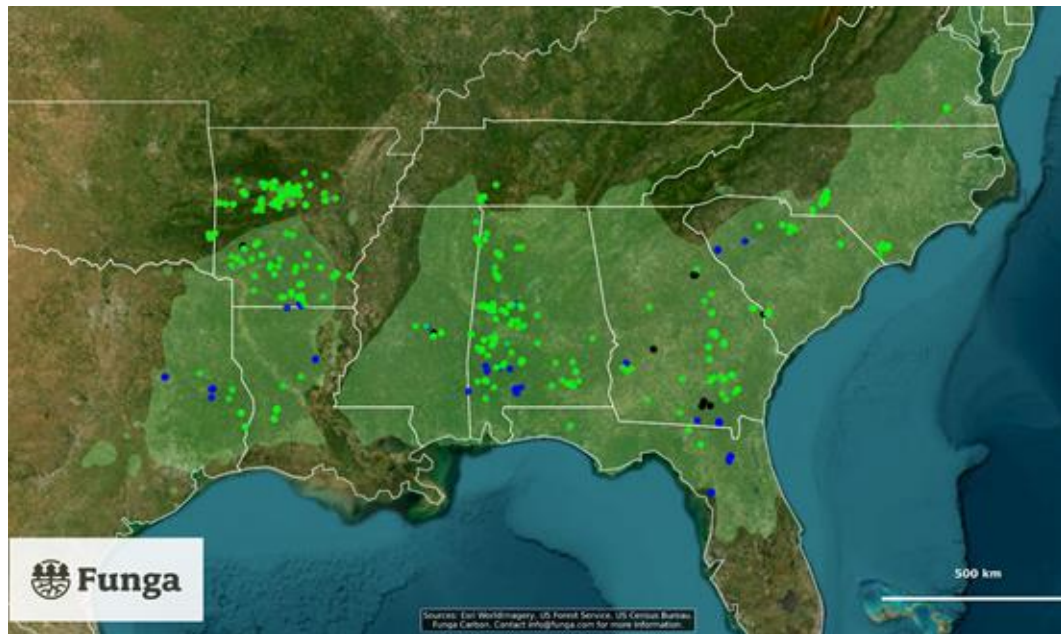
We scaled fast in 2025



~\$1M in landowner benefits

+28k acres enrolled

+16M seedlings planted with native soil fungi



Get on the '27/28 waitlist!



Program enrollment is limited, and filling up earlier each year.

If you, or someone you know, will be replanting in 2027/28, join the waitlist and be the first to receive enrollment information and offers.

Scan below and fill out the form!



Other opportunities



- *Partner on soil sampling*
- *Partner on Longleaf Restoration*



Thank You

Ernie Spiller

Email: ernie@funga.earth



IN COLLABORATION WITH:



FOREST PRODUCTIVITY COOPERATIVE