





Designing your agroforestry system with the FarmTree Platform A case study from the UK Living Lab

Farms. Trees. Impact. Quantified.



Potential benefits of trees



Fruit and nut trees

Add value from additional products

Shade trees

Reduce temperatures and water loss

Wind breaks

Reduce wind speeds and minimize soil erosion

Other services of trees

Carbon sequestration, Biodiversity, Soil improvements, Pollinator attraction, Pest and disease reduction



Potential trade-offs

Productivity, Competition for resources, Increased (labor) costs, Long-term commitment



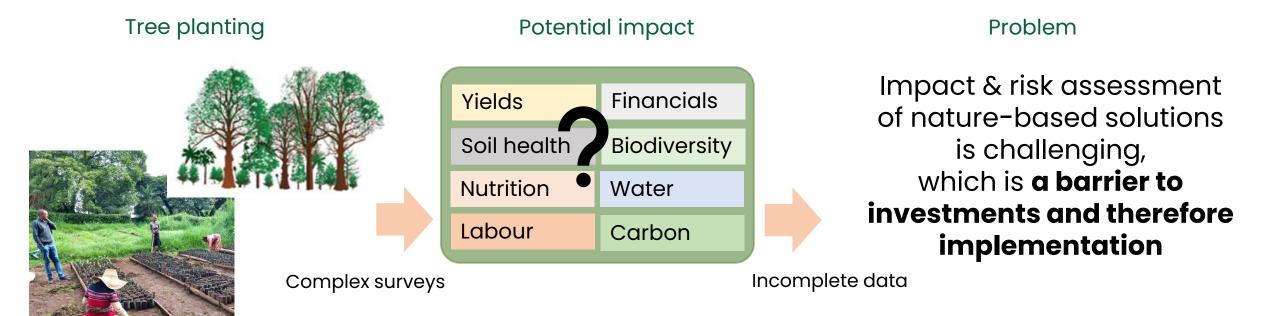


The Challenge



Millions of trees are planted yearly in Agriculture, Forestry and Other Land Use (AFOLU) projects... but what is the impact?

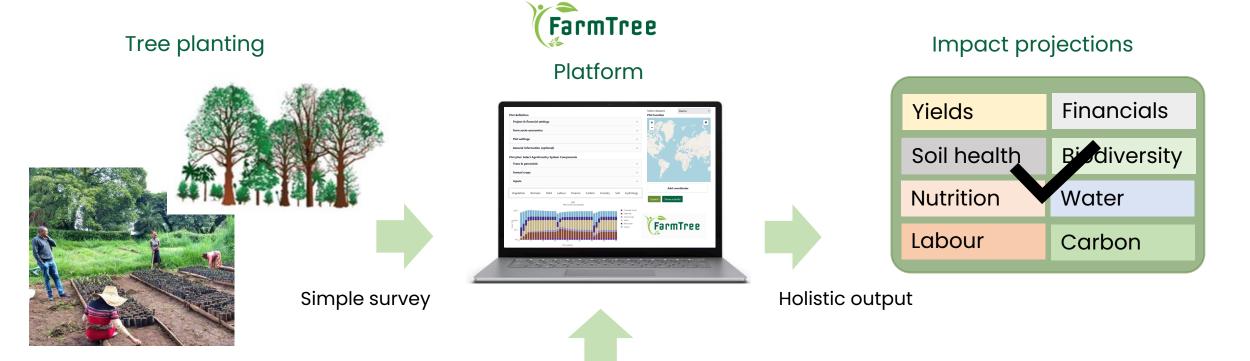
Multiple long-term benefits and trade-offs are difficult to predict and quantify



The Solution



Create your virtual AFOLU system and calculate and optimize the social, environmental and economic impact!

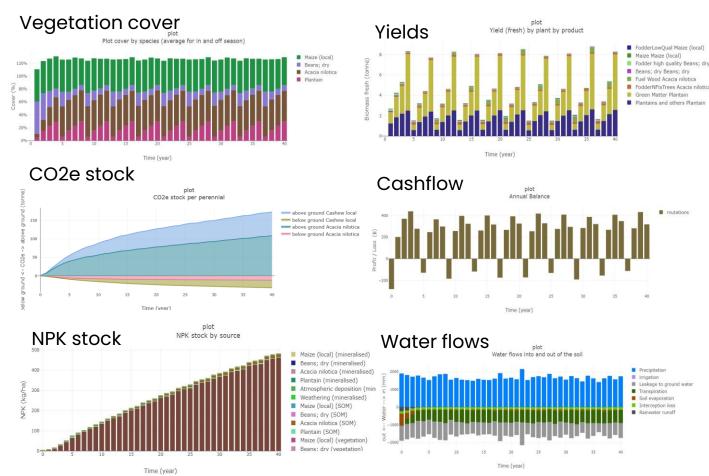




FarmTree Platform Interface and Output



Fast – accessible and few data required
Flexible – default data adjustable
Holistic – reports on SDGs
Credible – science-based

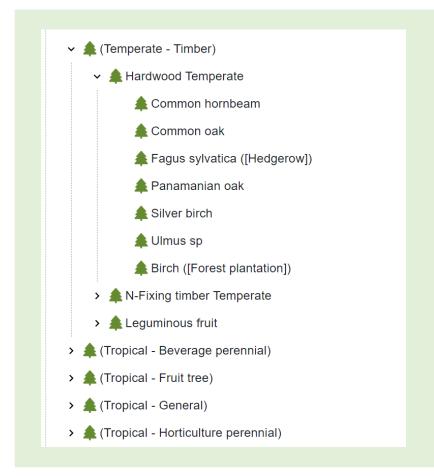






The online FarmTree
Components of Agroforestry
Systems (CAFS) database for
species and inputs
parameters allows for fast &
flexible species definition

Use your local expertise to quickly define new species and adapt their management regimes (like planting distance) for modelling on any virtual plot on the planet



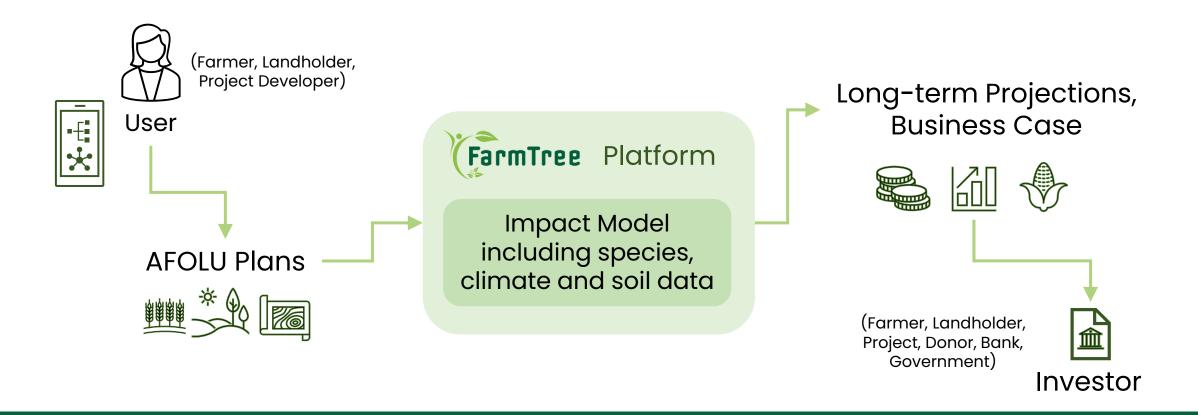
Parameters
Growth
Life cycle
Wood density
Biomass allocation
Roots
Constraints
Growth conditions
Costs
Labour

FarmTree Platform



The FarmTree Platform connects **PM&E Tools** ...

... that enable users to make investment plans





Interactive part: Slido questions

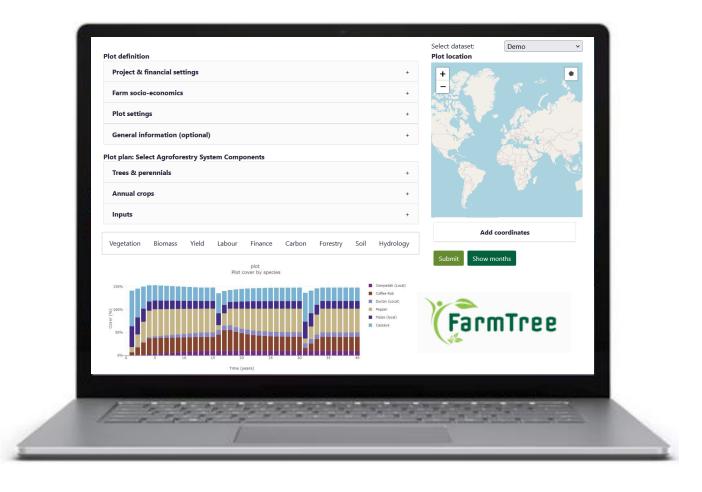
We would love to hear your input!















Survey + Free access to the FarmTree Temperate data

We would love to hear your feedback!







Contact us



tool.farmtree.earth



www.farmtree.earth



www.linkedin.com/company/farmtree-b-v



info@farmtree.earth



ReForest survey:

qualtricsxm68gcv46xw.qualtrics.com/jfe/form/SV_4GvmxCijNSKPdB4











Thank you for your participation

We would love to hear your questions!



Annex: Available FarmTree resources



- Overall introduction to FarmTree: www.farmtree.earth
- Some specialised instruction videos can be found at: https://www.farmtree.earth/instructions
- Documentation and justification of the FarmTree Model: https://drive.google.com/file/d/1YA-25htrlk_8t815i-ZHbPw-u85JI__W/view
- Registration for a Demo or Client Account: https://tool.farmtree.earth/ldentity/Account/Register