



Insetting with Acorn

How insetting works

Smallholder farmers sequester CO2 through agroforestry, Acorn monetizes the value of the Carbon Removal Units (CRUs)



Acorn assists smallholder farmers in their transition to agroforestry

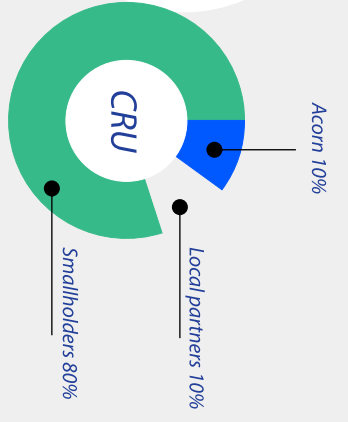
Coffee is produced by farmers as part of a farmers' co-op and sold (via the cooperative and a trader) to a roaster



- Verify and monitor
- Carbon results sent to Rabobank

We measure and certify biomass growth and generate CRUs

The same cooperative farmers are part of the Acorn program and are generating CRUs



We facilitate access to local partners and buyers of CRUs through Rabobank's network

Acorn matches CRUs with the origins of the coffee bought by the roasters, selling CRUs to the roasters' supply chain, that they can use for their insetting proposition and remove their emissions



We ensure a fair share for smallholder farmers: 80% of each CRU's revenue

This fosters fair, long-term relationships with farmers, commitment to the purchase of coffee, and biodiversity

Insetting: beyond value chain mitigation

Acorn's mission is **to support and compensate smallholder farmers globally in a transition to sustainable agroforestry practices.**

With local partners, we support 100,000s of smallholder farmers in Africa, Asia and Latin-America to adapt to climate-smart agroforestry: **planting trees between crops.** Improving soil quality and crop yield, and reducing soil erosion.

These trees remove excess carbon from the atmosphere as they grow. Capturing 1 tonne of CO₂ is represented as a CRU, or **Carbon Removal Unit.**

Our approach

Our technology sets us apart. **Tree growth is measured with satellite imagery, AI and LiDAR,** and our approach is certified by ICROA-accredited Plan Vivo.

Meanwhile, with our unique solution **we match up smallholder farmers in the Acorn program with companies that are sourcing their produce.** Their CRUs can be offered to companies active in the same value chain (roasters, traders, producers) who can use these CRUs together with other parties in the value chain to jointly remove emissions on the produce (insetting) or to compensate part of their own emissions (offsetting).

Crucially, 80% of each CRU's revenue flows back to the original smallholder: **the whole supply chain moves forward, planting the seed for a greener, cooler, more sustainable planet.**



3 reasons Acorn's CRUs are ideal for insetting

1. Collaborative supply chain decarbonization

Drive decarbonization throughout the supply chain and partner with other players in the chain to collectively reduce net emissions.

We can provide first right of refusal for purchasing the CRUs generated by your supply chain.



2. Transparency on all levels: proven origin, nature-based credits

High-quality measurement, quantification, verification and certification of carbon removals within the value chain at very low costs.

The Acorn registry allows for detailed information on where the carbon removal takes place, down to a single plot.

3. Farmers, co-benefits, and SDGs

Develop strong, long-term relationships with farmers and improve farmer livelihoods by unlocking additional income streams for them.

Acorn covers cost-efficient measurement, certification, validation and monitoring carbon removal with 10% of CRU value, so smallholder farmers benefit most (80%).

With Acorn's CRUs, you contribute to SDGs 1,2, 6, 8, 9, 13, 15, and 17, while improving soil, supporting biodiversity, and empowering local communities.



Find out more at acorn.rabobank.com

