



Agroforestry

Where Livelihood Meets Landscape

Why Agroforestry

Economic Diversification

Trees provide income through fruits, timber, fodder, and medicinal products, reducing farmers' dependency on seasonal crops.

Environmental Benefits

It promotes carbon sequestration, biodiversity conservation, and groundwater recharge.

Climate Resilience

Tree cover enhances soil moisture, reduces erosion, and serves as a buffer against extreme weather.

Social Impact

Agroforestry encourages community participation, traditional knowledge revival, and long-term land stewardship.

Why Kabirdham?

Since 2022, CAS has partnered with **Commonland Foundation** to restore Kabirdham's rural landscapes through the 4 Returns approach. A key intervention, agroforestry revives degraded ecosystems while generating diversified income from fruits, fodder, and timber for marginalized households.

Amid rising soil erosion, water stress, and deforestation, Kabirdham urgently needs large-scale tree-based farming and water conservation. We seek co-funding to expand these efforts and deepen their impact across the region.

For more understanding on land degradation, refer [IPCC Special Report](#)

What Are We Proposing?

Our approach focuses on **community-driven agroforestry** integrated with water and land management solutions.

COMMUNITY LAND AGROFORESTRY (PLANTATION)

- Establishing agroforestry plantations on community lands to ensure equitable access and long-term benefits.
- Providing quality seeds and saplings of horticultural crops to ensure improved yields, nutrition, and income for communities.
- Allocate budget for one-year aftercare, including watering and protection, to improve sapling survival and plantation outcomes.

FILLS THE GAPS AND BOTTLENECKS

- Plantation activities are enabled through **MGNREGA** which supports in pit digging and the **Horticulture Department** which provides seeds and saplings.
- CAS complements these efforts by facilitating fencing, pole installation, wiring, and gate construction essential for protecting young plantations from grazing and ensuring long-term survival.

MICRO IRRIGATION SYSTEMS

- Installing efficient irrigation systems to reduce water usage by 50% and ensure year-round tree survival.

WATER CONSERVATION AND SOURCE DEVELOPMENT

- Developing and strengthening water sources such as ponds and recharge structures for sustainable irrigation.

FENCING AND GATE CONSTRUCTION

- Providing complete fencing solutions (pole installation, wiring, and gates) to protect plantations from grazing and damage.

How can we create a tangible impact?



Expand green cover on community lands through tree-based farming.



Enhance soil and water health via erosion control, improved retention, and groundwater recharge.



Diversify livelihoods with income from high-value horticulture.



Integration of women into agroforestry and intercropping on community land



Strengthen community institutions through participatory planning, execution, and asset ownership.



Why Partner With CAS?

- **18 years** of expertise in rural development and institution building.
- Proven ability to design and scale impactful models across Chhattisgarh.
- Deep-rooted **community trust** with strong convergence with government departments.
- Strategic partnership with **commonland foundation** for landscape restoration in Kabirdham.
- Active member of the **CHiRP** coalition network, working alongside multiple partner organizations.
- Technical support from leading institutions such as **NIPHM** (National Institute of Plant Health Management) and **IGKV** (Indira Gandhi Krishi Vishwavidyalaya).



Your Investment

- **Micro Irrigation on Community Land** – Promoting efficient water use and enabling sustainable, climate-resilient agriculture.
- **Community Land Plantation** – Enhancing green cover, restoring soil health, and improving local biodiversity.
- **Fencing, Wiring, and Pole Installation** – Securing community land assets to ensure long-term protection and effective utilization.
- **Water Source Development** – Establishing reliable water access to support year-round cultivation and community needs.

Call to Action

We invite funders, CSR partners, and development agencies to co-invest in the Livelihood meets Landscape. Together, we can catalyse climate-resilient agroforestry models that restore ecosystems.

Contact

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