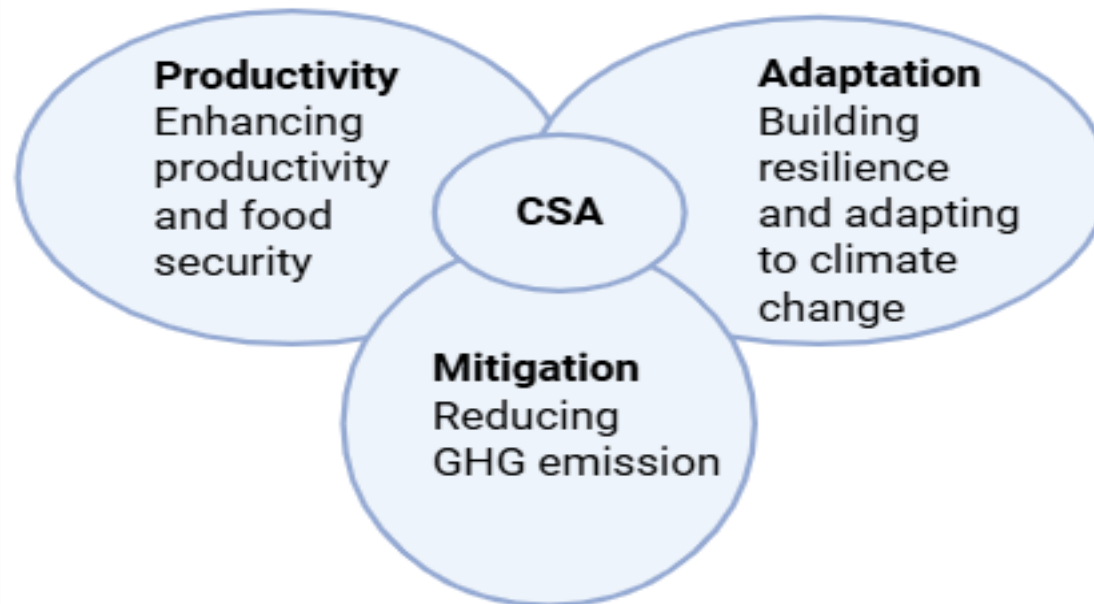


Increasing Inclusive Employment in Agriculture Through Climate-Smart Agriculture

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- Climate-Smart Agriculture (CSA) is widely recognized for its **triple strategy**:



The triple strategy challenge and local adoption gap

Limited Integration: CSA not embedded in community systems or local development plans.

Skills Gap: Lack of training and demonstration of short-term economic benefits.

Exclusion: Women/youth sidelined → reduces sustainability and adoption.

Soil Neglect: Soil fertility undervalued despite being foundational.

Weak market linkages for green products (e.g., biochar, compost, biofertilizer) limit income potential.



CSA as a catalyst for inclusive green jobs

- **Integrate deliberate job creation into CSA design** to drive adoption and triple wins.

Why Focus on Youth/Women?

- High unemployment rates in rural areas.
- Untapped potential for **innovation and enterprise**.
- Critical for **long-term community resilience**.

Principle: *Link CSA practices directly to income-generating green jobs.*

Key CSA strategies & green jobs opportunities

CSA Strategy	Green Jobs Created	Key Activities
Agroforestry	Nursery managers, Harvest processors	Youth/women-run tree nurseries; Value-added products (fruits, honey, timber)
Organic/microbial Inputs	Bioinput producers	Compost/Bokashi production; Biofertilizer labs; Vermicomposting; Trichoderma-enriched compost
Biochar	Kiln operators, Biochar marketers	Small-scale kilns using farm waste; Soil amendment sales
Soil Health	Soil testing technicians, Advisors	Mobile soil testing; AgroCares soil scanner; Fertility mapping; Crop-specific advice

Critical success factors



Pro-Poor Business Models:

Low-cost tech (e.g., portable soil scanners, mini-kilns).

Cooperative ownership for marginalized groups.



Enabling Environment:

Policy: Integrate CSA jobs into national youth employment plans.

Finance: Microcredit/grants for green startups.

Training: Practical skills in biochar, vermicomposting, nursery, etc.



Market Creation:

Link bioinputs to subsidy programs (e.g., replacing chemical fertilizers).

Certify and brand CSA products

The logo of Széchenyi University of Győr, featuring a stylized graphic of two curved lines and a series of horizontal bars on a light blue background.

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THANK YOU

For your commitment to a sustainable, resilient, and equitable future.