



CSAM

Centre for Sustainable
Agricultural Mechanization



NIAAM

10th Regional Forum on Sustainable Agricultural Mechanization in Asia and the Pacific

Gender Mainstreaming in Sustainable Agricultural Mechanization

28-30 November 2023; Shanghai, China

Role of Family Farmers Organizations in *Mainstreaming Gender in Sustainable Agricultural Mechanization*

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WHO WE ARE



Our UNDERSTANDING OF THE SITUATION



“We need a corn sheller”

*women corn farmers in
Nepal's far-west
district , 2012*

Women Farmers in Asia Pacific

- 90% of all farms globally are family farms
- 74% of these family farms are in Asia Pacific
- 80% of family farms in Asia Pacific are small-scale (2has ave)
- 80% of the food consumed in Asia Pacific are from small scale family farmers
- Women comprise 43% of Asia-Pacific family farmers
- Women farmers do from 30-90% of the work in the farm (“feminization of agriculture “
- Women experience drudgery in their work



LEADING to

>LOWER INCOMES

>LOWER SELF
ESTEEM

>UNFULFILLED
POTENTIALS
-for food security
and nutrition

GENDER INEQUALITY EXIST

- Inadequate Access and control over natural resources
- Poor Recognition and valuation of the work they do (less pay, no identity cards)
- Lack of Access to opportunities (training , services, inputs, technologies)
- Inappropriate technologies
- Lack Access to finance
- Lack of Access to health care
- Domestic violence

HOW ARE WE RESPONDING TO THE PROBLEM?

- **ORGANIZE**

- .women spaces

- **Entry Point** : income generation

- **Build Capacities**

- > reflection

- >business management
 - > proposal generation
 - >negotiation
 - >organizational management

- [Lanka Women Coffee Farmers](#)
 - SEWA Equipment Library
- Coconut briquettes in Indonesia
 - Joint Certificate of Land Title Ownership – Nepal

WITH WOMEN'S ORGANIZATIONS AND COOPERATIVES

- have established coordination, communication, social capital that reduces transaction cost and is able to customize it to the actual needs of its small-scale farmer member
- **SPEED** (Simple, quick, small-ticket; customized/fit for purpose (can retail bulk fund into smaller amount; availability of members date)
- **SCOPE** (multi-country operation; mechanism for reporting is easier – regionally coordinate; nationally implemented)
- **SCALE** (many members with least cost of operation (salaries, less transportation cost due to proximity to location;
- **SUSTAINABLE** (Cooperatives/FOs are natural exit strategy; FOs provide other services that reduces risks)

ADDRESSING GENDER GAPs IN SUSTAINABLE MECHANIZATION

- ❖ Ensure rights of women farmers to land, and waters
- ❖ design technologies for womens' role in small scale farming agriculture : increased incomes, increased time, increased health
- ❖ Test machinery with women users
- ❖ Extension service to women farmers
- ❖ Financing for women farmers
- ❖ Technology training suited to availability and educational experience of women farmers

Thank you



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