CGIAR | Sustainable Intensification of Mixed Farming Systems

# Monitoring Evaluation, Learning & Impact Assessment (MELIA) in the Sustainable Intensification of Mixed Farming Systems (SI-MFS) Initiative

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**Initiative Planning and Inception Meeting**

**31 May – 2 June 2022, ILRI Campus, Addis Ababa, Ethiopia.**

# MELIA team and responsibilities

Sustainable Intensification of Mixed Farming Systems

IRS

**Hope Webber**
IRS Senior Scientist
Global MELIA Coordination, Analysis and Reporting: 0.75 FTE
IITA, **Ethiopia, WP3**

**Bekele Kotu**
IRS scientist
Impact Assessment (0.5 FTE)
**IITA -Ghana, WP4**

**Julius Manda**
IRS Scientist
Impact Assessment (0.25 FTE)
**IITA-Malawi, WP1**

**Humnath Bhandari**
IRS Scientist
MELIA (0.3 FTE)
**IRRI- Bangladesh (Asia). WP2**

NRS

**Abdulkadir Hassen**
(ILRI)
**WP1 & Ethiopia**: MELIA Support, Data management and analysis
(1 FTE)

**Benedict Boyubie**
(IITA)
**WP2 & Ghana**: MELIA Support, Data management and analysis
(0.25 FTE)

Solomon Adebayo
(IITA)
**WP3 & Ghana**: MELIA Support, Data management and analysis, Scaling
(0.5 FTE)

Joy Chiagoziem
(IITA)
**WP4 & Malawi:** MELIA Support, Data management and analysis, Scaling
(0.5 FTE)

Daniel Mgalla
(IITA )
**WP5** & **Malawi:** MELIA Support, Data management and analysis, Scaling
(0.5 FTE)

**Ashraful Habib**
(IRRI) **WP2**
**Bangladesh:** MELIA Support, Data management and analysis
(1 FTE)

**Nirman Shrestha**
(IWMI) **WP3**
**Nepal**: MELIA Support, Data management and analysis
(0.13 FTE)?

**Soytananh Mienmany**
(CIAT) **WP1, Laos:** MELIA Support, Data management and analysis
(1 FTE)

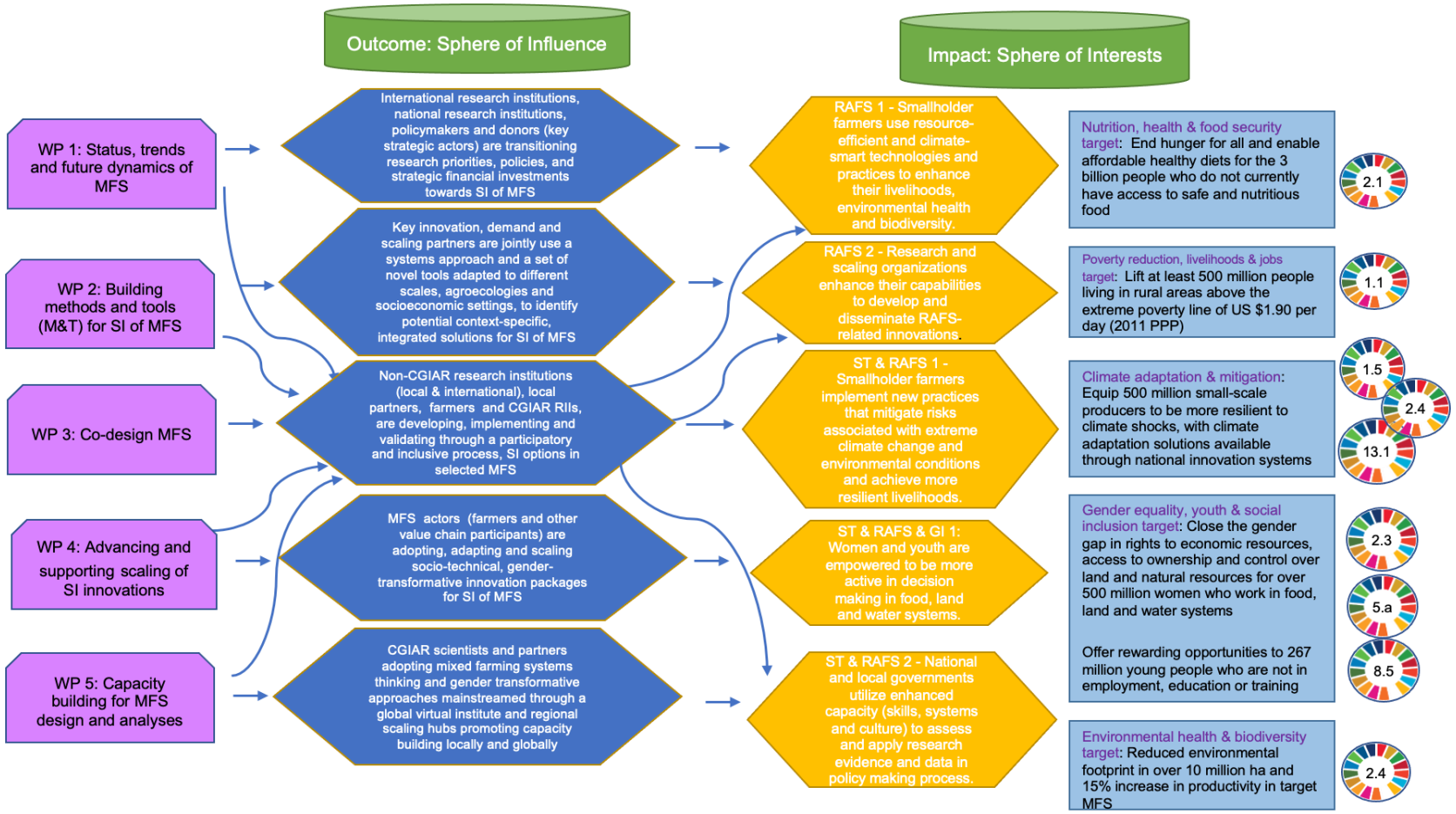
**NRS to be Hired**
IITA-Malawi: MELIA Support, Data management and analysis, Scaling
(0.5 FTE)

IRS: 2.1 FTE
NRS: 5.38 FTE

# MELIA goals

- Contribute to measuring the initiative's impacts
- Increase the initiative's capacity to track the progress of its outputs and outcomes as stated in the results framework.
- Increase the effectiveness accountability and reporting of the initiative to One CGIAR and donors ( in collaboration with One CGIAR System (Portfolio Performance Management Unit).
- Contribute to managing midterm reviews and final evaluation in collaboration with with the One CGIAR Evaluation Advisory Service.
- Contribute to supporting the initiative to reflect and adapt the full and WPs TOCs based on the results obtained on annual basis.

# Initiative Theory of Change




**ASSUMPTION1:**

National and international research institutions, development agencies, donors, regional state unions, and CGIAR understand the benefits that SI of MFS generate for the five impact areas of CGIAR, and that this understanding will trigger genuine interest in supporting an integrated systems approach in the co-development and implementation of SI of MFS at scale.

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# Measurable three-year outcomes

Five international research institutions, six national research institutions, seven policymakers, and two donors (key strategic actors) are transitioning research priorities, policies, and strategic financial investments towards SI of MFS.

50% of key innovation, demand, and scaling partners are jointly using a systems approach and a set of existing and novel tools adapted to different scales, agro-ecologies, and socio-economic settings to identify potential context-specific, integrated solutions for SI of MFS.

Twelve research institutions (local and international), local partners, and 1.5 million farmers are developing, implementing, and validating SI options in selected MFS through participatory and inclusive processes.

1.5 million MFS actors (farmers and other value chain participants) are adopting, adapting, and scaling socio-technical, gender-transformative innovation packages for SI of MFS.

50% of partners (key strategic actors) and CGIAR scientists are adopting MFS thinking and gender-transformative approaches, mainstreamed through a global virtual institute for SI of MFS set up by the Initiative, and by regional scaling hubs promoting capacity building.

# Impact area indicators

| | | |
|---|---|---|
| 1 | Nutrition, health and food security | # people benefiting from relevant CGIAR innovations |
| 2 | Poverty reduction, livelihoods and jobs | # people benefiting from relevant CGIAR innovations |
| 3 | Gender equality, youth and social inclusion | # women benefiting from relevant CGIAR innovations<br># youth benefiting from relevant CGIAR innovations |
| 4 | Climate adaptation and mitigation | # people benefiting from climate-adapted innovations |
| 5 | Environmental health and biodiversity | # ha under improved management |

# Impact area indicators

| | |
|---|---|
| 1 | RAFSi 1.1 Number of resource-efficient and climate-smart technologies at stage IV (uptake by next user – smallholder farmers), disaggregated by type |
| 2 | RAFSi 2.1 Number of research and scaling organizations that enhanced their capabilities to develop and disseminate RAFS-related innovations |
| 3 | STRAFSi 1.1 Number of smallholder farmers who have implemented new practices that mitigate climate change risks, disaggregated by gender and type of practice |
| 4 | STRAFSi 2.1 Number of policies, strategies, laws, regulations, budgets, investments, curricula (and similar) at different scales that were modified (by national and local gov'ts) in design or implementation, with evidence that the change was informed by CGIAR research |
| 5 | STRAFSGIi 1.2 Number of women, youth, and people from marginalized groups who report input into productive decisions, ownership of assets, access to and decisions on credit, control over use of income, work balance, and visiting important locations |

# Activities and deliverables - 2022

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**Global activities (initiative-wide)**

| Activity | System/Country | 2022 Deliverables | | | |
|---|---|---|---|---|---|
| | | Q.1 | Q.2 | Q.3 | Q.4 |
| 1. Baseline Study (6 countries) | Global | | | | |
| 2. Monitoring and reporting the progress of activities the WPs workplans. | Global | | | | |
| 3. Monitoring and reporting of all indicators (impact, outcome, and output) in the results framework, including those related to scaling readiness. | Global | | | | |
| 4. Annual workshop to reflect and adapt the WPs and Initiative Theories of Change based on the results obtained. | Global | | | | |
| 5. Development of initiative database and linked to CGIAR results Dashboard | Global | | | | |
| 6. Country coordination of activities (MELIA etc.) | Global | | | | |
| 7. Tracing of scaling activities & policy advice, as base for long-term, large scale impact studies. | Global | | | | |
| 8. Writing MELIA progress reports (Type 1) for the initiative management, One CGIAR and accountability to the donors. | Global | | | | |

# Implementation dynamics

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| SI-MFS Site | SI-MFS coordinator / support | Candidate Province/Districts/Regions | Implementation Partners | Potential SI Innovations | Output/WP implicated | Deliverable |
|---|---|---|---|---|---|---|
| Ghana | Bekele Kotu | Savulugu, Wa West, Nadowli, Bongo, Tolon, Kasena Nankana | UDS, MOFA, Isoko | Input from WPs | Input from WPs | Input from WPs |
| Malawi | Julius Manda | Dedza, Ntcheu, Mangochi, Zomba | MoA (DARS & DAES), LUANAR, Michigan State University | Input from WPs | Input from WPs | Input from WPs |
| Ethiopia | Hope Webber | Basona-Worana, Endamehoni, Limu, Sinana. | EIAR, RIAR, MOA, ATA | Input from WPs | Input from WPs | Input from WPs |
| Bangladesh | Humnath Bhandari | Nilpharmari, Rangpur, Patuakhali | BRRI, BARI, DLS, DAE, PSTU, RDRS, Sushilon | Input from WPs | Input from WPs | Input from WPs |
| Nepal | Nirman Shrestha | Surkhet, Karnali; TBD | MOALD, NARC, AFU, Local government and NGOs, Farmers Associations | Input from WPs | Input from WPs | Input from WPs |
| Laos PDR | Soytananh Mienmany | Input from WPs | Input from WPs | Input from WPs | Input from WPs | Input from WPs |

# Linkages with other Initiatives/ One CGIAR efforts

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- Asia Mega Delta (AMD)
- Transforming Agri-food Systems in South Asia (TAFSA)
- Transforming Agri-food Systems in West and Central Africa (TAF-WCA)
- Excellence in Agronomy (EIA)
- Transforming Agri-food Systems in East and Central Africa (TAF-ESA)
- Delivering genetic gain in farmers field (SeEdQUAL)
- Portfolio Performance Management Unit (PPMU)
- Standing Panel on Impact Assessment (SPIA)

# Key messages from pre-inception meetings

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- Engagement with the work packages to decide on implementation sites, indicators and yearly targets.
- Baseline study design and implementation to commence between June and August. First country will be Malawi.
- Performance Management Plan and Data Matrix are currently being developed and will be discussed with the WPs during the inception meeting on day 2.
- Develop a MELIA web-based application
- Develop means for shared learning
- Collaboration with SPIA and CGIAR MELCOP

# Baseline study (RCT approach)

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- **Households Survey** (Farmers, Crops, Animals, Fish)
  - Results Framework: Use Impact Area, Action Area, End of Initiative and Within Initiative Outcomes to design the questionnaire
  - Example from Africa RISING & CSISA projects
  - Site selection: Country, Districts/Villages (Control & Treatment groups) for each SI-MFS (use GIS Map from WP1).
  - Design tools and methods to align with other initiatives

- **Stakeholder Consultation and Documentation (Strategic Actors), Key Informant Interviews**
  - Make a List of International Research Institutions ( from 5 Work Packages), National Research Institutions, Policy Makers, Donors, Private Sector.
  - Design a questionnaire for data collection.

- **Result: Baseline study report**

# Monitoring of initiative indicators

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- Objective: To track progress of the initiative/work packages indicators on a semi-annual basis.
- Results Framework: Use WPs Outputs and Outcomes indicators to design a questionnaire
- Development of MELIA Database (for Monitoring data)
- Conduct Interviews with stakeholders and collect data for analysis.

- **Result: Indicators Monitoring Report**

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# Thank you