ANNUAL MEMBERS FORUM MEETING 2025

Agroecology TPP

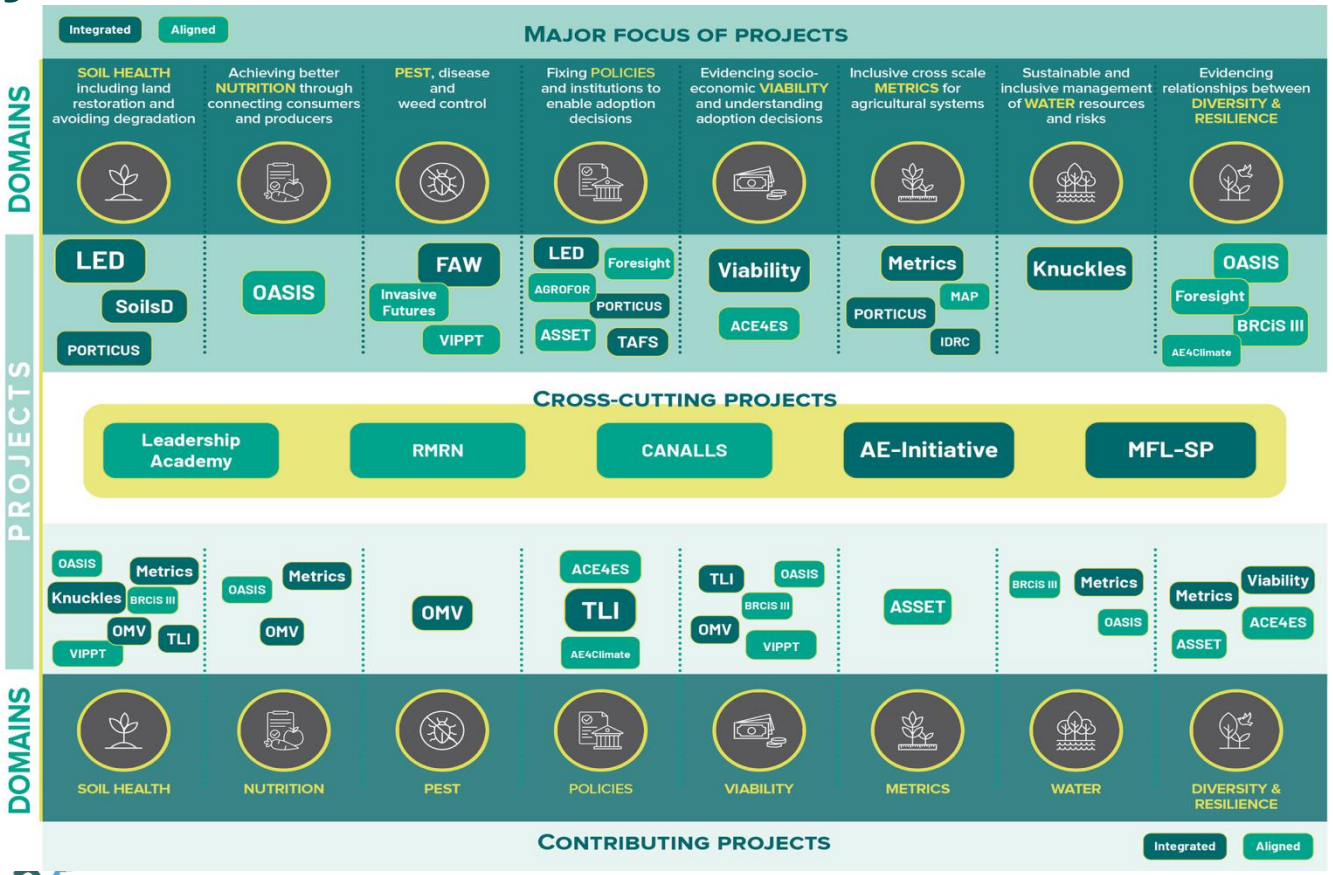
Agroecology and Safe Food System Transitions

Showcasing and Reflecting on AE-TPP Progress

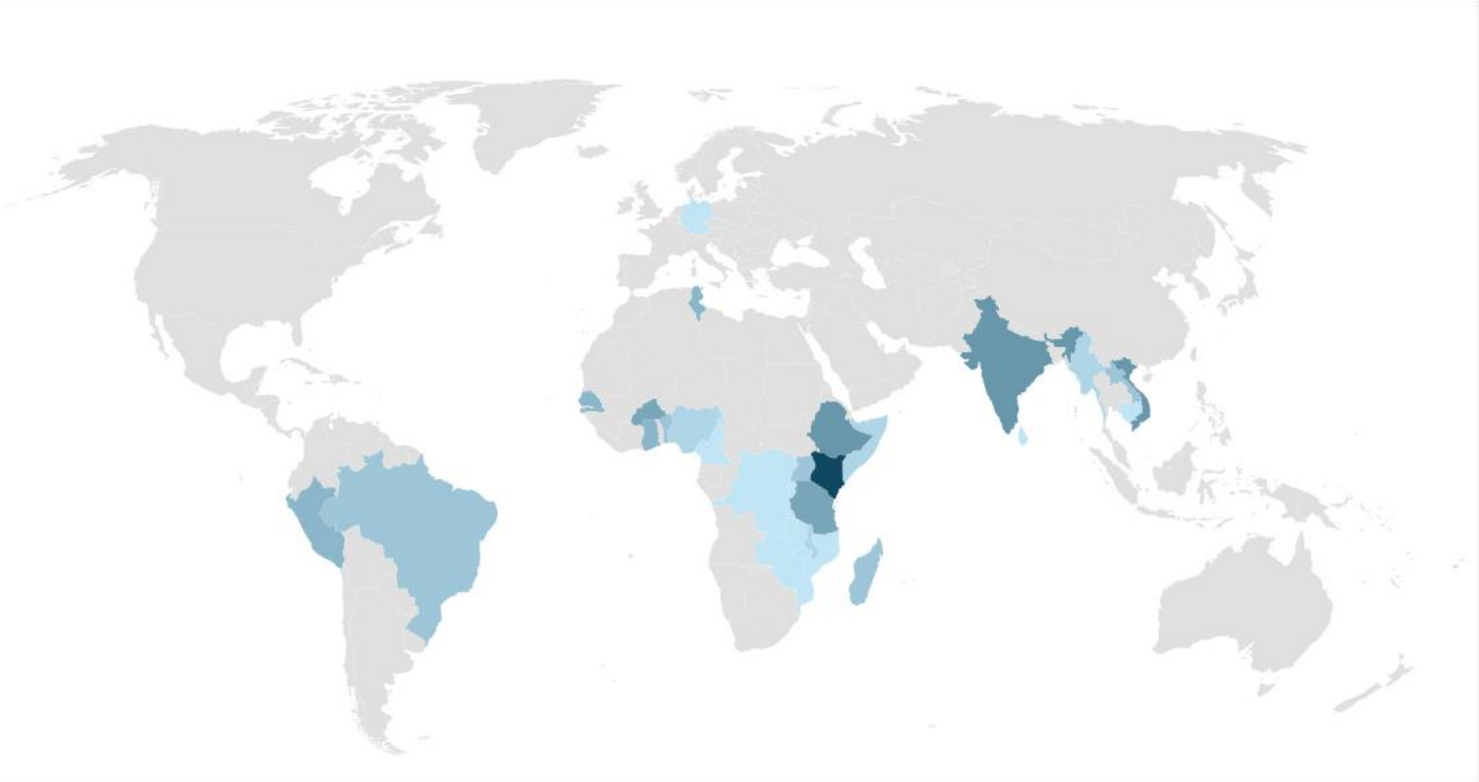
April 1, 2025

Sandhya S. Kumar

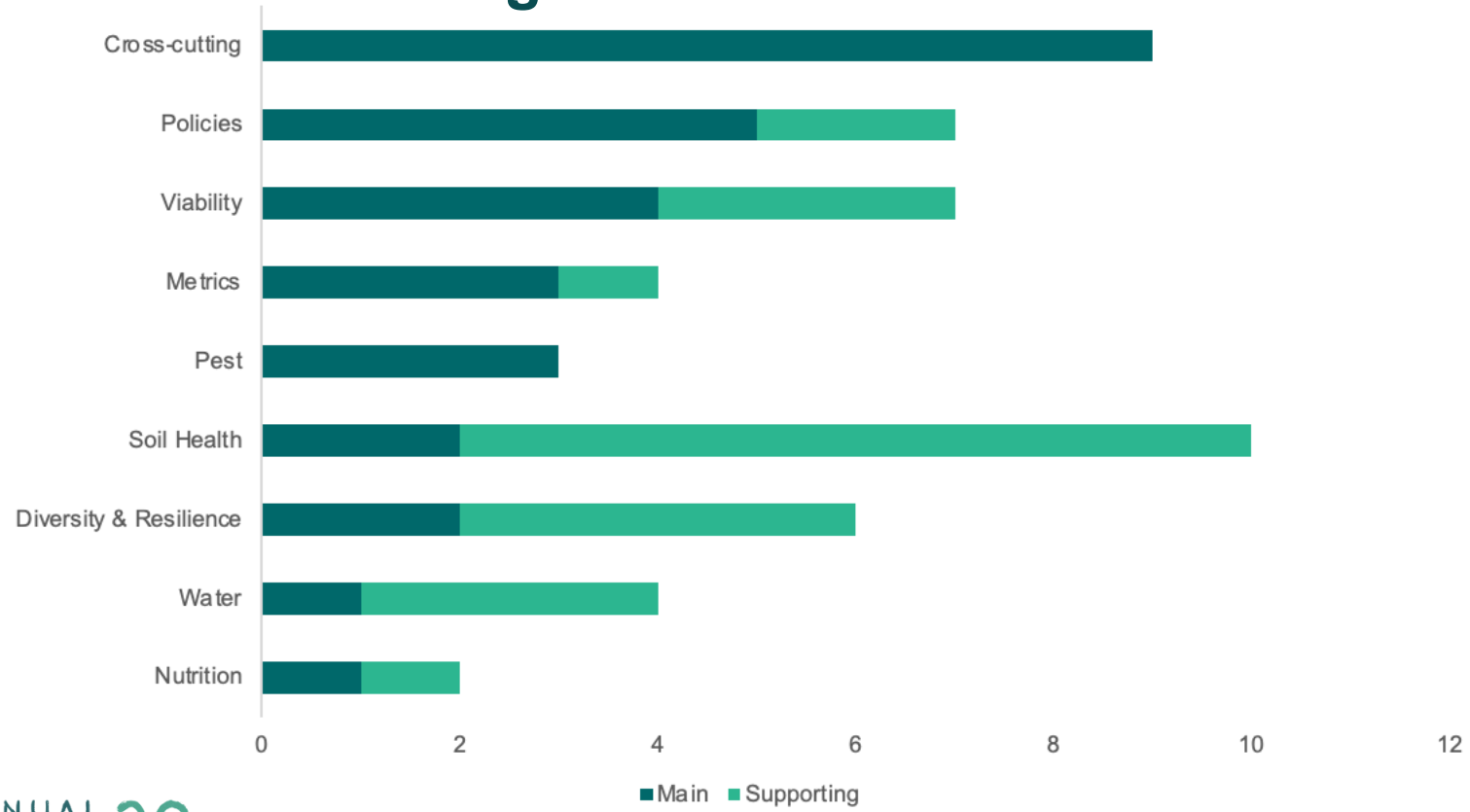
Priority Domains



Where do we work?

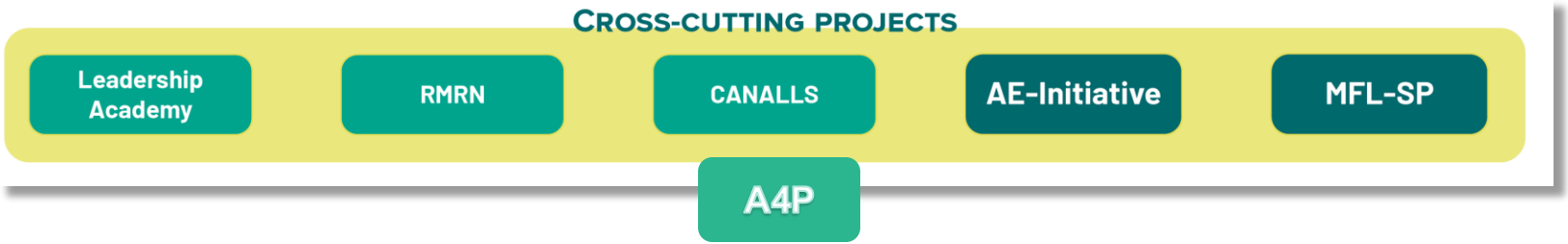


What are we working on?



Cross-cutting Projects

- Increase in projects and initiatives that cut across the eight domains
- Cross-cutting also in terms of emphasis on transdisciplinary approaches in research methods, program design and implementation
  - TPP Dialogue #1 and projects in development focus on contributing to transdisciplinary methods
- Working with NARES and educational systems to scale agroecology and transdisciplinarity in educational institutions and research norms/practices



Policies

- Active engagement in various policy platforms, events and outputs
- Contribution to active policy engagement (e.g., TPP & AE-I for NAS, ASSET)
- Key areas of work:
  - Policy analysis and engagement (e.g., advocacy campaigns in PORTICUS)
  - Assessment/modeling tools (e.g. CFS Tracking Tool, RRM in TLI, FORESIGHT for modeling scenarios)
  - Developing multistakeholder platforms to engage policy and advocacy campaigns to bring evidence to bear on AE transitions

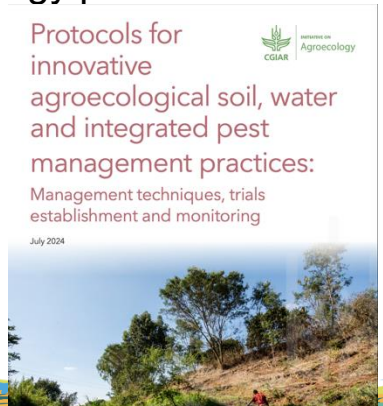
Soil Health

- Overlaps with policy domain; soil health a major focus of policy and public engagement of the TPP and several projects (e.g. LED)
- Research focus on alternatives for chemcial/synthetic inputs:
  - VIPPT (‘push-pull technologies’)
  - PORTICUS (mapping and support production of bio-inputs)
- Metrics & MAP (assessment of soil health parameters)

Pest

Focus of projects on trials, developing case studies and technical guidance on pest management:

- Globally coordinated trial of the effects of agroecological interventions on pest populations, crop damage and yield loss (FAW)
- Technical guide for AE soil, water and IPM practices (AE-Initiative)
- Integrating push-pull technology to tackle pests with vegetable cultivation (VIPPT)
- Development of community of practice on push-pull technology/practices



Diversity & Resilience

- Modeling scenarios on diversity and reliance through transition to AE (Foresight, RySS)
  - Results for India indicate:
    - increased food production per inhabitant
    - regenerate large areas of rainfed land and cultivate them year-round, thanks to high crop diversification, living soils and the microclimates thus created or recreated;
    - Cut overall unemployment rates;
    - Increase income per farmer, primarily through significant savings on industrial inputs;
    - Stem agrarian crises by reducing the average income gap between non-farmers and farmers (from 47% in industrial agriculture to 22% in AE)
- Strengthening resilience through livelihoods/agribusiness and context-specific environmental management practices (OASIS)
- Capacity strengthening – shock responsive leadership training, natural ecosystem management, economic diversification (BRCiS)

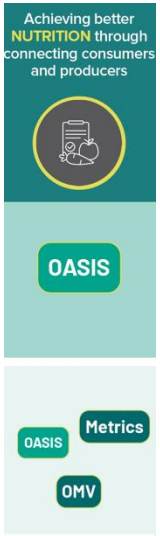
Viability

- Country case studies on viability of AE practices and assessment approaches
  - Assessment of the viability of agroecological practices needs to be multicriteria, systemic, and based on farmers' perspectives and not practice-based using a single simple metric
- AE and circular economy technologies in rice and maize production systems in Africa (ACE4ES)
- Improving business environments, resources and practices for greater AE adoption and sustainable agrifood systems (TLI)

Limited Domain Focus

Nutrition

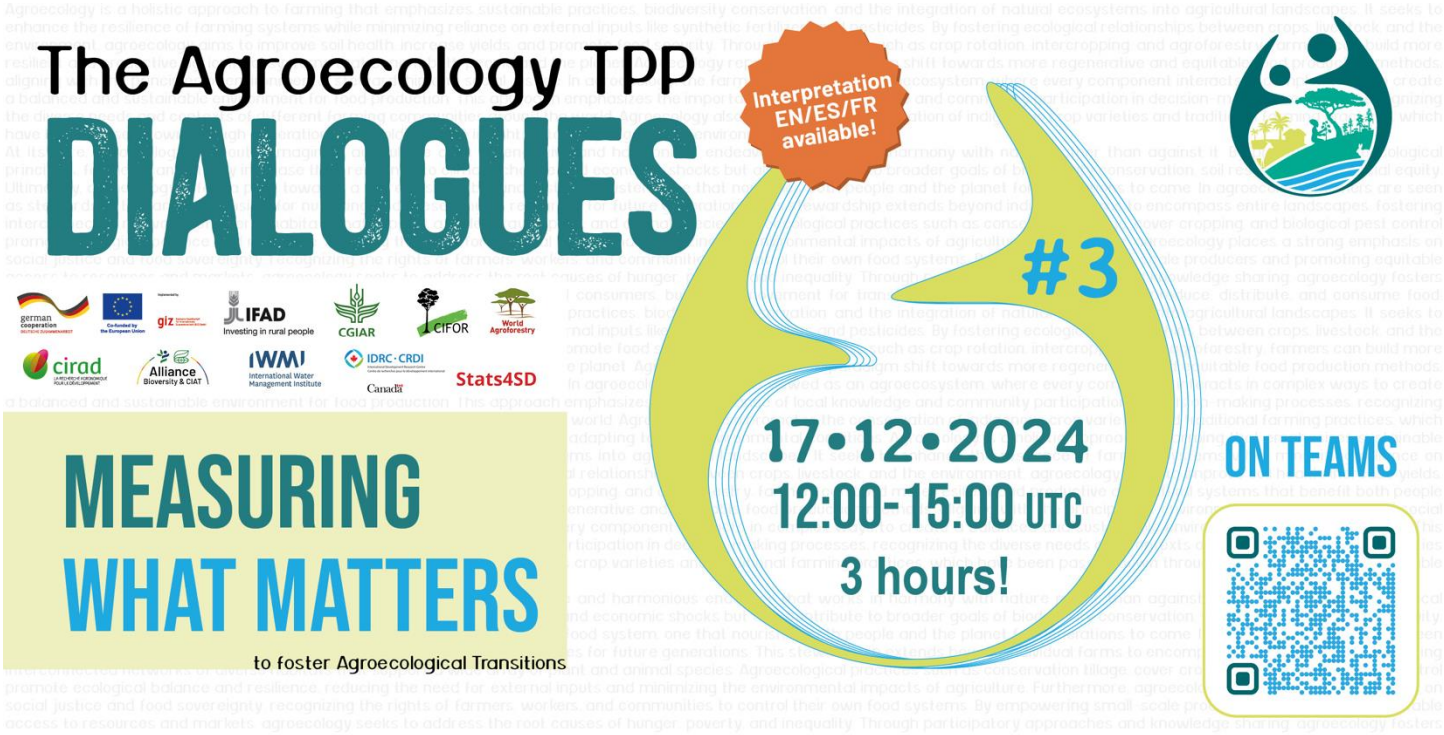
- While 1 project strongly focuses on addressing nutrition (OASIS), other projects assess nutrition outcomes (e.g., AE Initiative, MAP, Metrics)
- Insights from these projects do show that dietary outcomes are positively associated with adoption of agroecological practices



Water

- Large-scale land and water management project
- >1 million farmers supported
- Institutional capacity and financing also components for the project

Metrics


The Agroecology TPP
DIALOGUES
Interpretation EN/ES/FR available!
#3
MEASURING
WHAT MATTERS
to foster Agroecological Transitions
17•12•2024
12:00-15:00 UTC
3 hours!
ON TEAMS
IFAD
Investing in rural people
CGIAR
CIFOR
World Agroforestry
cirad
Alliance Bioversity & CIAT
IWMI
International Water Management Institute
IDRC · CRDI
Canada
Stats4SD

Looking ahead

- What gaps or new areas would members like to see addressed by current or prospective projects/programs?
- What are suggestions for building on the work across projects within domains?
- What are suggestions for sharing and developing synergies across the 8 domains?

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Thank you!

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