Moving toward outcomes: Engaging for Impact

Nicole Lefore
Stakeholder consultation: opportunities, constraints

Research design, analytical tool development

Implementation of field interventions, data collection, surveys, interviews and focus groups

Analysis of constraints, opportunities

Sharing products that can continue to be accessed for analysis, planning and implementation

Cap dev materials and platforms continue to be used

Year 1 to Year 2

Year 3

Year 4

Year 5

Post project exit

External Advisory Committee

Stakeholder consultation at multiple levels around results

ILSSI RESEARCH FOR IMPACT - PROCESS
REFINING THE PATHWAY: MID-TERM REVIEW

**Research User Types**
- Local: Extension, implementers
- National: government technical analysts, planners; decision makers
- Private sector and market actors
- Global influencers

**Research Output Types**
- Model and online platform
- Journal papers
- Technology/technical briefs
- Capacity materials (manuals, guides)

**Research Results**
Research results support sustainable intensification: e.g., GW integrated into APEX; ATA use GW, other maps/data; TZ uses gender results in irrigation policy; GIDA, EAIR adopt WFD and use training materials.

**Development Outcomes**
Development Outcomes are in the project objectives
- Champions, entities or individuals to influence research users to bridge the links between outputs and outcomes. EAC suggestions?

**Communications and engagement:** What are the best ways to engage with the research user (individual meetings, working through a network, creating a platform, using the media)? What entry points or leverage does the team have with research users?
IDENTIFYING TARGETS: INFLUENCE MATRIX

- Built on previous projects, AgWater Solutions
- Spreadsheet of all actors engaged is maintained
- Key targets emerged through activities
- General targets via social media, web

<table>
<thead>
<tr>
<th>INTEREST</th>
<th>POWER/INFLUENCE</th>
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</thead>
<tbody>
<tr>
<td><strong>High interest/Low Influence</strong></td>
<td>High power and interest to influence or directly implement business models (e.g., Ministry of Agriculture, donor organizations, private sector)</td>
</tr>
<tr>
<td>ACTION: Keep this group informed through broad dissemination strategy and solicit specific feedback and help as required</td>
<td>ACTION: Involve at the start and work increasingly closely with individual organizations within this group as the project findings/recommendations are developed</td>
</tr>
<tr>
<td><strong>Low interest/Low Influence</strong></td>
<td>Limited interest and power to implement business models, but may have complementary interests (NGOs working on non-agriculture related rural development projects)</td>
</tr>
<tr>
<td>ACTION: Keep this group informed through the broad dissemination strategy. Monitor to see if their situations change</td>
<td><strong>Low interest/High Influence</strong></td>
</tr>
<tr>
<td>Limited interest to directly influence or implement AWM programs, but high degree of influence in relevant sectors (e.g., Ministry of Energy, Trade, donors)</td>
<td>ACTION: Keep this group informed through broader dissemination strategy and engage in relevant parts of business models (e.g., tax departments may not be interested in AWM but they influence tax on AWM equipment). Seek to raise their interest level with more one-to-one attention.</td>
</tr>
</tbody>
</table>
ENGAGEMENT ACTIVITIES TO DATE
GLOBAL AND REGIONAL LEVEL – INFLUENCING THINKING AND INVESTMENT

- **Africa Water Week**, “New approaches for Inclusive Irrigation: Tools and Findings from Research in Ghana, Ethiopia and Tanzania”, Tanzania, July 2016,
- USAID's **Global Learning and Evidence Exchange (GLEE)** on Climate-Smart Agriculture in Lusaka, Zambia, March 2016
- **Tropentag Conference**, Improving on-farm water management by introducing wetting front detectors to small scale irrigators in Ethiopia, September 2016
NATIONAL LEVEL DECISION MAKING AND PLANNING TO DATE

• Gender-irrigation workshops, March - April 2016
• Consultation workshops on constraints, June – July 2016
• Research to Policy Forum with Savannah Accelerated Development Authority and Ministry of Food and Agriculture of Ghana, February 2016
• Invited presentation for ATA Ethiopia on irrigation potential mapping, August 2016
• EAIR 50 years celebration, Demonstration on technologies
• Presentation to GIDA (Ghana), February 2016
• Presentations to USAID missions and other development partners
• Solar pump supply company
• iDE country offices
LOCAL LEVEL ENGAGEMENT, CAPACITY

- local level trainings and farmer forums: farmers (women, men, youth), extension, financial cooperatives, technical specialists, artisans
- irrigation and agricultural water management
- agronomy
- irrigated farming as a business
- installing and repairing technologies farmers, local plumbers and artisans
- savings and loans, managing revolving loan funds
- FEAST/fodder (napier/desho, intercropping legumes, water management)
- data collection and management for students and local data collectors
COMMUNICATIONS: MEDIA AND INTERVENTIONS

Development video on potential impact of SSI on households and livelihoods

“Irrigation on rise in Africa as farmers face erratic weather”, Reuters, September

Blogs:


On gender and small-scale irrigation: [https://wle.cgiar.org/thrive/big-questions/what-should-we-be-asking-understand-gender-dynamics-irrigation/investigating](https://wle.cgiar.org/thrive/big-questions/what-should-we-be-asking-understand-gender-dynamics-irrigation/investigating) on


OUTREACH PLANNING FOR IMPACT
ETHIOPIA

Emerging users, outputs, methods

**Research Outputs**
- Model of irrigation potential, mapping
- Journal papers for whom?
- Technology/technical briefs: irrigation and nutrition; cost-benefit WLTs; WFD; fodder; small loans/credit; gender?
- Capacity materials: WFD; microfinance; manual on using IDSS online platform?

**Research User**
- Local: BoA, SARI, ARARI, cooperatives
- National: ATA, EAIR, MoANR, MoWIE, public health institute, Livestock Min.
- Private sector/market: FuturePump; OMFI
- Development actors: iDE, USAID, IFAD, ??

**Research Outcomes**
- GW integrated into APEX; ATA use GW, other maps/data; EAIR adopt WFD and use materials; ARARI, SARI use FEAST, fodder info

**Development Outcomes**
- SI via SSI, more efficient SSI use, improved nutrition
- Which entities or individuals can influence research users to bridge the links between outputs and outcomes? Champions?

**Communications and engagement:** Engage with the research user: ATA and EAIR = Individual meetings and consultation workshop(s). Microfinance influence by engaging the MFI network, local conference, regulatory institution for microfinance. Field visits by regional/national?

**Entry points or leverage** does the team have with research users: Hosting small scale irrigation platform, donor platform??
## ETHIOPIA – ENGAGEMENT ACTIVITY MATRIX

<table>
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<tr>
<th>Level</th>
<th>Government/public sector</th>
<th>Development partners (non-gov)</th>
<th>Private sector</th>
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<tr>
<td><strong>Sub-national targets for sharing research results</strong></td>
<td>Research institutes: ARARI, SARI Universities: BDU, AMU, AAU Bureau of Agriculture (regional/district)</td>
<td></td>
<td>Quasi-public sector microfinance orgs (e.g. OMFI)</td>
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<tr>
<td><strong>Knowledge products and topic</strong></td>
<td>Tools: FEAST Manuals, info sheets: Irrig Scheduling and WFD manual</td>
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</tr>
<tr>
<td><strong>National targets for sharing research results</strong></td>
<td>ATA (specific targets, including gender) Ministry of Agriculture, Irrigation</td>
<td>IDE, ACDI-VOCA, SACE USAID IFAD (PASIDP2) Microfinance network</td>
<td>Maps Brief (existing and upscaling potential of technologies, practices) Brief (microfinance/CBA; supply chain)</td>
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<td><strong>Knowledge products</strong></td>
<td>Maps Briefs (opportunities for scaling, cost-benefit, microfinance, nutrition, gender)</td>
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<td><strong>Cross-cutting (Capacity) targets</strong></td>
<td>SSI Capacity Task Force SMIS (support program for capdev)</td>
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<td><strong>Knowledge/training products</strong></td>
<td>Manuals, info sheets: Irrig scheduling, irrigated forages Briefs (capacity and microfinance....)</td>
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GHANA
Emerging users, outputs, methods

**Outputs created for research users =**
- Model and online platform
- Technology/technical briefs
- Capacity materials (manuals, guides, videos)
- Data open access

**Research Outputs**

**Research User Types**
- Local but coordinated at higher level: Irrigation advisors/planners, extension, implementers (NGOs)
- National: GIDA, MoFA, MoFinance
- Private sector and market actors; microfinance; pump importers

**Development Outcomes**
- GW integrated into APEX for GIDA use via maps/data;
- MOFA, MOF see potential for SSI investment, profit across time/crops;
- MASLOC, MFIs increase products for SSI;
- GIDA, development implementers made aware of technologies such as WFD, UDS drip design, training materials;
- MDAs related to irrigation sensitized on gender
- MOFA made aware of the potential for irrigated fodder/fodder markets
- Private sector aware of potential market size for technologies and need for packages with tech

**Research Outcomes**
- Contribute to improved nutrition and livelihoods of men and women farmers through sustainable intensification

**Communications and engagement:** GIDA as entry point to other government MDAs; AgSector Working Group entry point to donors and MoFA; SADA engaged as planner/coordinator for investments in north

Work with EAC, post-exit champions
## GHANA – ENGAGEMENT ACTIVITY MATRIX

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<td>Universities: UDS</td>
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<td>Tools: FEAST? (suitable for Ghana?)</td>
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<td>IFDC Wienco</td>
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<td>WIAD</td>
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<td>Pump/irrigation suppliers TBD Ghamfin (microfinance)</td>
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TANZANIA

Emerging users, outputs, methods

Research Outputs
- Models and online platform
- Technology/technical briefs: Irrigation & youth, pocket gardens
- Online app used for data collection, analysis; Data open access
- Journal papers

Research Users
- National Irrigation Commission; Irrigation advisors & planners, extension. Implementers (NGOs, private sector)

Research Outcomes
- GW integrated into APEX; NIC uses maps/data; Ministries use evidence on potential for SSI investment for SSI; Ministry of Agriculture, Livestock & Fisheries sensitized on potential for fodder

Development Outcomes
- More efficient SSI use
- Improved nutrition
- Entities and individuals use evidence in plans and programs

Work with EAC, post-exit champions
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SPECIAL SUBJECT ENGAGEMENT: GENDER

Primary target: ATA

- Directing officer: Scheblewongel Demeke
- Reports, Presentation Briefs: IFPRI has, report based on gender
- Tools: IFPRI, IWMI
- CGIAR: guide on gender
- Products: Evidence to influence policy in gender and irrigation, support to shape ATA strategy on gender

ATA interests
- WEAI, home gardens, data collection, inequity of information for women

ATA needs
- Evidence to influence policy in gender and irrigation
- Support to shape ATA strategy on gender

Opportunities
- Network on gender: Presentation to ATA (invited)
- Officers tasked to gender, irrigation
- Attend gender network, get schedule
- Prepare presentation
- Meet with PhDs on gender, irrig
- Create kit of information and share

Champion for gender (TBD)

Secondary target: USAID FtF mission
- Key messages:
  - SSI & nutrition; link gender, irrigation, nutrition planning
  - Technologies as suited by gender and intended outcomes
  - Preferences of women and men for technologies
  - Intra-household decisions affect benefits to women
  - Information equity needs investment
  - Microfinance gap for women to invest in SSI

Secondary target: IFAD COSOP, PASIDP2 (gender component)
- Activities:
  - Reports, Presentation Briefs: IFPRI has; report based on gender
  - Tools: IFPRI, IWMI
  - CGIAR: guide on gender data
GLOBAL/REGIONAL ENGAGEMENT

Goals:
• Input to and shape scientific thinking, methods/approaches on SSI analysis
• Increase attention to SSI and inform investments/policy based on research evidence

Events (tentative):
• Global forum on water, World Bank, January 2018 – special session on ILSSI
• Regional and global forums – special sessions (e.g. Stockholm Water Week, Africa Water Week 2018)
• Special issue in scientific publication
Outreach and impact at different levels

Field level capdev continues
Materials development (e.g. fodder decision tool, wetting front detector)
IDSS trainings in project countries
How To materials
Microfinance materials (guide, training)

Refine key targets vs general targets
Refine messages and conclusions
Decide on suitable products for target groups
Map activities for Year 4 and 5 for targets
Identify best media/approach for key, general targets
Plan targeted, broad sharing of knowledge products