

Submitted on 2016-04-10 at 22:19 UTC

CCAFS CORE W1_W2_ONLY

Title: FP2 Synthesis and Supporting Activities

| | | | |
|------------------------------------|--|--------------------------------------|---|
| Start date (dd-MM-yyyy) | 01-01-2015 | End date (dd-MM-yyyy) | 31-12-2016 |
| Management liaison | F2 - Flagship 2 | Mgmt. liaison contact | Hansen, James <jhansen@iri.columbia.edu> |
| Lead organization | IRI - International Research Institute for Climate and Society - United States | Project leader | Hansen, James <jhansen@iri.columbia.edu> |
| Project type | CCAFS CORE | Detailed project workplan | <Not defined> |

Project is working on

| Flaship(s) | Region(s) |
|--|----------------|
| FP2: Climate Information Services and Climate-Informed Safety Nets | Global: Global |

Bilateral project(s) contributing to this project

This project does not have Bilateral projects

Summary

The project titled "Managing and Delivering on Flagship 2 Outcomes and Impact Pathway" includes overall management of the FP2 portfolio, as well as engagement with partners, communications, and knowledge synthesis. The project also includes tool and curriculum development activities that serve to support flagship projects in meeting their outcome targets.

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2. Partners

Partner #1

Institution: CIAT - Centro Internacional de Agricultura Tropical

Contacts

| Type | Contact | Responsibilities and contributions |
|---------|---|--|
| Partner | Hansen, James <jhansen@iri.columbia.edu> | Arame Tall will be based at IFPRI and continue to serve as a key focal point for engagement, knowledge synthesis, and technical backstopping for the flagships work on Climate Services for Farmers. |

Partner #2 (Leader)

Institution: IRI - International Research Institute for Climate and Society

CCAFS Partner(s) allocating budget

FP2 Leader - FP2 Leader

Contacts

| Type | Contact | Responsibilities and contributions |
|----------------|---|--|
| Project Leader | Hansen, James <jhansen@iri.columbia.edu> | Activity 2014-344 *Partner*. Activity 2014-355 *Leader*. Activity 2014-364 *Leader*. |

Partner #3

Institution: WSU - Washington State University

CCAFS Partner(s) allocating budget

FP2 Leader - FP2 Leader

Contacts

| Type | Contact | Responsibilities and contributions |
|------|---------|------------------------------------|
|------|---------|------------------------------------|

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| | | |
|---------|---|--|
| Partner | Hoogenboom, Gerrit <gerrit.hoogenboom@wsu.edu> | Activity 2014-344 *Partner*. WSU will be responsible for further development of the CCAFS Regional Agricultural Forecasting Tool (CRAFT). This will include computer programming and support to CRAFT users. |
|---------|---|--|

Partner #4**Institution:** UF - University of Florida**CCAFS Partner(s) allocating budget**

FP2 Leader - FP2 Leader

Contacts

| Type | Contact | Responsibilities and contributions |
|---------|--|--|
| Partner | Russo, Sandra <srusso@ufic.ufl.edu> | Activity 2014-363 *Partner*. The University of Florida will play a facilitating role for gender research across the flagship |

Partner #5**Institution:** Columbia University**Contacts**

| Type | Contact | Responsibilities and contributions |
|---------|---|--|
| Partner | Hansen, James <jhansen@iri.columbia.edu> | Activity 2014-364 *Partner*. Activity 2014-344 *Leader*. |
| Partner | Hansen, James <jhansen@iri.columbia.edu> | Activity 2014-363 *Leader*. |

Partner #6**Institution:** FP2 Leader - FP2 Leader**Contacts**

| Type | Contact | Responsibilities and contributions |
|------|---------|------------------------------------|
|------|---------|------------------------------------|

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| | | |
|---------|---|--|
| Partner | Hansen, James <jhansen@iri.columbia.edu> | Activity 2014-344 *Partner*. Activity 2014-355 *Leader*. Activity 2014-364 *Leader*. |
|---------|---|--|

Partnerships overall performance over the last reporting period: Contracted partners all delivered on their terms of reference, although late processing of contracts had an adverse effect.

Lessons regarding your partnerships and possible implications for the coming reporting cycle: Communicate plans, expected budgets, and timing of contracting as early as possible.

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3. Locations



4. Outcomes

4.1 Project outcome narrative

Project outcome statement

1) Regional, National, and Sub-National institutions (e.g. public, private, and NGO) are responding to the needs of potential climate beneficiaries (i.e. farmers, food security decision-makers, etc.) to create and disseminate equitable demand driven climate service products

2) Donors, IDOs, and INGOs understand national priorities for effective climate services and are working together to invest in science/evidence driven climate information services

Annual progress towards outcome (end of 2015): This project will play a key role in supporting flagship projects and providing strategic direction to achieve the above outcomes across the FP2 portfolio. By the end of 2015, we will have an effective management system and feedback mechanism to monitor FP2 progress towards achieving outcomes. We will also establish communication channels between projects and strategic partnerships to support projects through knowledge management and face-to-face engagement. Annual progress will be measured by the degree to which FP2 management provides a clear vision across the portfolio, monitors progress, and provides targeted support to projects to create an enabling environment for projects to achieve their targets. For the second outcome, engagement with the continental and global investment communities should lead to tangible investments in climate services as a result of knowledge synthesis and partnership building activities conducted under this project.

Annual progress towards project outcome in the current reporting cycle (2015): The FL had some interaction with all Project Leaders. Because delayed and reduced funding in 2015 delayed the start of most projects in the core FP2 portfolio, the consensus among Project Leaders was to move the first Flagship 2 Science Meeting to 2016. The online P&R system was used to monitor progress across the portfolio. The FL interacted with major climate service initiatives including the GFCS, participants of the Fifth Climate Change and Development in Africa Conference (CCDA-V), and major funders of climate services (USAID, DfID, IFAD and WB). The FL secured \$6M from USAID-Rwanda, and initiated USAID-supported climate service project activities in Rwanda, and through African regional organizations (ACPC, ICPAC).

Communication and engagement activities have contributed to achieving your Project outcomes: FP2 and EA RPL organized a pre-event to CCDA-V, and a media campaign, to raise awareness and foster engagement with CCAFS collaboration with African regional organizations (ACPC, ICPAC, AGRHYMET). Internal coordination with FP2 Project teams contributed to coordination, but needs to be increased in 2016.

Evidence documents of progress towards outcomes: <Not defined>

Annual progress towards outcome (end of 2016): This project will continue to support flagship projects and providing strategic direction to achieve the above outcomes across the FP2 portfolio. By the end of 2016, we will have assessed progress toward outcomes for all Flagship 2 projects, facilitated coordination and knowledge sharing across Flagship 2

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personnel and partners. Engagement with relevant development organizations and investors will continue, leading to expanded Outcomes that leverage climate services investment. Connections between development organizations and the research communities will expand bilateral funding opportunities.

Annual progress towards outcome (end of 2017): This project will continue to support flagship projects, and provide accountability and backstopping to ensure progress toward Outcomes across the FP2 portfolio. By the end of 2017, Flagship 2-related communities of practice will collectively shape research agendas; produce knowledge synthesis products and evidence that will inform development strategy and investment; and implement new cross-Center, Outcome-focused bilateral projects. Continued engagement with development organizations and investors will expand incorporation of CCAFS science into climate services investment.

Annual progress towards outcome (end of 2018): This project will continue to support flagship projects, and provide accountability and backstopping to ensure Outcomes are realized and evidence is documented across the FP2 portfolio. By the end of 2018, a strategy will be in place, and CGIAR and bilateral funding will be lined up, to continue to develop innovative research and connect it to the 2025 Flagship 2 Outcome.

Lessons regarding your Theory of Change and implications for the coming planning cycle; e.g. how have your assumptions changed, or do you have stronger evidence for them: Loss of the FP2 team (Arame Tall, Kevin Coffey, Alexa Jay), funding cuts that made it infeasible to initiate new hires, and the resignation of James Kinyangi (EA RPL) all greatly increased the FL's work load, and limited his ability to maintain the intended level of interaction with FP2 Project teams and some external partners and initiatives. This challenge is expected to continue into 2016.

4.2 Contribution to CCAFS Outcomes

FP2 - Outcome 2019: Regional, National, and Sub-National institutions (e.g. public, private, and NGO) are responding to the needs of potential climate service beneficiaries (i.e. farmers, food security decision-makers, etc.) to create and disseminate equitable demand driven climate informed services

Indicator #1: FP2 Indicator: Number of regional, national, and/or sub-national initiatives incorporating research outputs to develop or improve major demand-driven, equitable, climate informed services that support rural communities

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| 2019 | |
|---|--------------------------------------|
| Target value: 15 | Cumulative target to date: 21 |
| Target narrative: Activity 2014-344: In 2015, CRAFT will play a supporting role for flagship projects. It will be integrated into larger initiatives at a later phase of development (2016). Activity 2014-355: This activity will support other projects in achieving their targets. Activity 2014-363: This activity will support flagship projects in reaching their outcome targets. | |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined> | |

| 2015 | | |
|--|-------------------------------------|-----------------------------|
| Target value: 2 | Cumulative target to date: 2 | Target achieved: 3.0 |
| Target narrative: Major initiatives supported by governments and local partners in Tanzania and Rwanda. | | |
| Narrative for your achieved targets, including evidence: Communication of climate services to rural communities in Tanzania and Malawi through agricultural extension, SMA and rural radio (reported under P107), building on materials developed by U. Reading and Farm Radio International (with FL2 support). Planned and initiated design phase of Rwanda Climate Services for Agriculture (reported under P105). | | |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined> | | |
| Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Gender-disaggregated baseline and needs assessment surveys in Tanzania and Malawi, and equitable training and engagement of women farmers (reported under P107). | | |

| 2016 | |
|--|-------------------------------------|
| Target value: 4 | Cumulative target to date: 6 |
| Target narrative: Major initiatives supported by governments and local partners in Tanzania, Malawi, Rwanda, Nigeria. | |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: Not defined | |

| 2014 | | |
|--|-------------------------------------|---------------------------------------|
| Target value: <Not defined> | Cumulative target to date: 0 | Target achieved: <Not defined> |
| Target narrative: <Not defined> | | |
| Narrative for your achieved targets, including evidence: <Not defined> | | |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined> | | |

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2014

Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined>

FP2 - Outcome 2019: Donors, IDOs, and INGOs work with national partners to invest in research-informed demand-driven climate services for agricultural and food security decision-making

Indicator #1: FP2 Indicator: Increase in research-informed demand-driven investments in climate services for agriculture and food security decision-making (millions)

2019

Target value: 15

Cumulative target to date: 21

Target narrative: Activity 2014-355: This activity will support other projects in achieving their targets. Activity 2014-363: Through engagement with donors (e.g. USAID, DFID) and global processes (e.g. GFCS), this activity will increase investment by 3 million dollars.

The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>

2015

Target value: 2

Cumulative target to date: 2

Target achieved: 7.5

Target narrative: USAID will invest a minimum of 2 million in climate services for African farmers. The World Bank CSA and Disaster Risk programs will incorporate climate services into their country investment strategies.

Narrative for your achieved targets, including evidence: Engaged global and regional climate services initiatives (GFCS, African and major donors). Through FL2 engagement, USAID-Rwanda funded CCAFS at \$6 to lead development of national climate services in Rwanda. FL2 supported the WA RPL in engaging USAID-Senegal, leading to approval for >\$1.5M funding to develop climate services in Feed the Future project locations in Senegal.

The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined>

Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: Gender inclusiveness are integral to the design of climate service initiatives in Rwanda and Senegal.

2016

Target value: 4

Cumulative target to date: 6

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| 2016 |
|--|
| Target narrative: Influencing design of DfID WISER program (at least \$2M); and multi-stakeholder follow-up investment to GFCS Adaptation Program in Africa, targeting Tanzania and Malawi (at least \$2M). |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: Not defined. |

| 2014 | | |
|--|------------------------------|--------------------------------|
| Target value: <Not defined> | Cumulative target to date: 0 | Target achieved: <Not defined> |
| Target narrative: <Not defined> | | |
| Narrative for your achieved targets, including evidence: <Not defined> | | |
| The expected annual gender and social inclusion contribution to this CCAFS Outcome: <Not defined> | | |
| Narrative for your achieved annual gender and social inclusion contribution to this CCAFS outcome: <Not defined> | | |

4.3 Other Contributions

Contribution to other CCAFS Impact Pathways: <Not defined>

Collaborating with other CRPs: <Not defined>

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4.4 Outcome case studies

There is not an Outcome Case Study added.

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5. Project outputs

5.1 Overview by MOGs

| Major Output groups - 2019 |
|---|
| <p>FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p> |
| <p>FP2 - MOG # 5: Evidence and knowledge products synthesizing national gaps and opportunities to guide regional and global investment in climate informed agricultural and food security decision-making</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p> |
| <p>FP2 - MOG # 6: Engagement in key global processes related to climate services</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p> |
| <p>FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p> |
| <p>FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed</p> <p>Brief bullet points of your expected annual 2019 contribution towards the selected MOG <Not defined></p> <p>Brief plan of the gender and social inclusion dimension of the expected annual output <Not defined></p> |

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FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2019 contribution towards the selected MOG

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Major Output groups - 2014

FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 5: Evidence and knowledge products synthesizing national gaps and opportunities to guide regional and global investment in climate informed agricultural and food security decision-making

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

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FP2 - MOG # 6: Engagement in key global processes related to climate services

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

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FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2014 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2014 contribution towards the selected MOG:

<Not defined>

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2014 outputs:

<Not defined>

Major Output groups - 2015

FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Supported WSU to improve the CCAFS Regional Agricultural Forecasting Toolbox (CRAFT), adding models for additional crops and improved AgMIP data translation tools, providing a more open distribution system, and enhancing usability and documentation.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

The CRAFT crop forecasting tools are gender-neutral.

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FP2 - MOG # 5: Evidence and knowledge products synthesizing national gaps and opportunities to guide regional and global investment in climate informed agricultural and food security decision-making

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Supported development of PICSA training materials by U. Reading. FL2 supported needs assessment, development of PICSA training for intermediaries, seasonal Planning and Review workshops, and pilot communication through rural radio and SMS in Tanzania and Malawi (reported under P107). Supported gender field research by UF in Tanzania, Kenya and Senegal.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Supported gender field research by UF in Tanzania, Kenya and Senegal. Contributed to gender-disaggregated needs assessments in Tanzania and Malawi (reported under P107).

FP2 - MOG # 6: Engagement in key global processes related to climate services

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

A Climate Change and Development in Africa (CCDA-V) pre-event, 'Strengthening Regional Capacity for Climate Services in Africa' (Victoria Falls, Zimbabwe), aimed to engage the Africa-wide climate community. FL2 engaged GFCS, and key climate service funders (USAID, WB, DfID, IFAD).

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Not applicable.

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

FL2 and partners (CIMMYT, Pula Advisors) worked with the Nigeria government to draft a roadmap for the development of inclusive insurance for its agriculture sector, and inform GIZ-supported implementation of area-yield and weather index insurance pilots.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Gender and social inclusion are goals of the Nigeria Federal Ministry of Agriculture and Rural Development, and briefly addressed in the draft roadmap.

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FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

FL2 supported climate services development in Tanzania and Malawi (reported under P105). Supported development of PICSA approach and training materials by U. Reading. Developed strategy paper with FRI on supporting climate services through interactive rural radio. Supported UF climate services gender research in Kenya, Tanzania and Senegal.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Supported UF climate services gender research in Kenya, Tanzania and Senegal; including role of health clinics in reaching women in Senegal, and guidance for improving gender targeting of PICSA in Tanzania. Needs assessment in Tanzania and Malawi (under P105) are disaggregated by gender.

FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2015 contribution towards the selected MOG

<Not defined>

Brief summary of your actual 2015 contribution towards the selected MOG:

Supported WSU to improved the CCAFS Regional Agricultural Forecasting Toolbox (CRAFT), adding models for additional crops and improved AgMIP data translation tools, providing a more open distribution system, and enhancing usability and documentation. Worked with IRI to expand components of ENACTS needed for agriculture.

Brief plan of the gender and social inclusion dimension of the expected annual output

<Not defined>

Summary of the gender and social inclusion dimension of the 2015 outputs:

Not applicable.

Major Output groups - 2016

FP2 - MOG # 4: Decision support systems improved or developed for incorporation into national food security safety net programs

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Will contribute to progress in Rwanda through bilateral project. Will continue to contribute to UNFCCC and other relevant policy processes, and reach out to relevant humanitarian actors (e.g., WFP, World Visions). Had to cut a F2 project in EA focused on MOG4.

Brief plan of the gender and social inclusion dimension of the expected annual output

There is currently little opportunity for CCAFS to influence gender-specific planning and safety net interventions in MOG4.

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FP2 - MOG # 5: Evidence and knowledge products synthesizing national gaps and opportunities to guide regional and global investment in climate informed agricultural and food security decision-making

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Through bilateral funding, preparing to hire a scientist to lead on this in Africa, in collaboration with ACP.

Brief plan of the gender and social inclusion dimension of the expected annual output

Analyses will raise awareness of investment opportunities, beyond strengthening national meteorological services, that include communication and engagement with rural communities. This could influence donor thinking and investments to explicitly consider gender and social inclusion, and hold recipients accountable.

FP2 - MOG # 6: Engagement in key global processes related to climate services

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Accepting an invitation to participate on the GFCS Partner Advisory Committee. Funding loss and change of leadership within the Climate Services Partnership has reduced its effectiveness as a global process.

Brief plan of the gender and social inclusion dimension of the expected annual output

I will use my connections with global climate services organizations (CSP, GFCS) to highlight opportunities and needs for more attention to vulnerable rural communities, particularly women and other socially disadvantaged sub-groups.

FP2 - MOG # 3: Weather related Insurance products are designed, tested, and brought to scale with implementing partners

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

Working on knowledge and evidence synthesis products. Seeking to expand connections to major index insurance initiatives. Working with CIMMYT and WA RPL on national policy and strategy for expanding insurance coverage to farmers in Nigeria, but with no dedicated funds.

Brief plan of the gender and social inclusion dimension of the expected annual output

Plan to work with Sophia on a review of knowledge and evidence on social and gender equity challenges in farmer index insurance initiatives.

FP2 - MOG # 2: New knowledge, capacity, and tools supporting the provision of equitable climate services for farmers are developed

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

With bilateral funding, expanding climate communications training materials based on PICSA (Participatory Integrated Climate Services for Agriculture). Will co-edit a journal special issue on climate services for farmers.

Brief plan of the gender and social inclusion dimension of the expected annual output

Plan to strengthen treatment of gender challenges in next generation of PICSA training materials. Plan to work with Sophia on a review of knowledge and evidence on social and gender equity challenges in climate services for farmers.

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FP2 - MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries

Brief bullet points of your expected annual 2016 contribution towards the selected MOG

With bilateral funds, and completion of prior F2-funded IRI work, will continue to support expansion of tools and products and development of capacity of national meteorological services, building IRI's ENACTS initiative. Continuing to support development, documentation and user support for CRAFT crop production forecasting tools.

Brief plan of the gender and social inclusion dimension of the expected annual output

MOG1 doesn't have a strong, direct gender and social inclusion dimension. But capacity building to produce farmer-oriented climate information products is closely linked to capacity building to communicate this information with rural communities, and incorporate their feedback into the design of information products.

Lessons regarding your major outputs groups (MOGs) and possible implications for the coming planning cycle: Progress was generally consistent with plans. However, loss of Flagship personnel and core funding adversely affected capacity to engage major climate services initiatives and funders, and to synthesize knowledge.

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5.2 Deliverables

Deliverable #1

| Main Information | |
|---|------------------------|
| Title: new version of CRAFT | |
| MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries | |
| Main Type: Tools and Computer Software | Sub Type: Tools |
| Year of expected completion: 2016 | |
| Status: <Not defined> | |

| Next-user |
|---|
| Flagship projects in WA, LAM and their partners; partners in SA; broader crop modeling and food security early warning community |
| Knowledge, attitude, skills and practice changes expected in next-user: Capacity to integrate historic and forecast climate, and other spatial data sets, with crop simulation models, to produce probabilistic production forecasts at varying lead times. |
| Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Commissioned support and documentation through WSU. I'm interacting with CASCAID F2 project team and with SA RPL on CRAFT. |

| Partners contributing to this deliverable |
|--|
| Partner #1 (Responsible): Hoogenboom, Gerrit <gerrit.hoogenboom@wsu.edu>, WSU - Washington State University |

| Deliverable Ranking | |
|--|---------------|
| Address gender and social inclusion aspect | <Not defined> |
| Potential for/ actual contribution to outcomes | <Not defined> |
| Level of shared ownership (partnerships across org.) | <Not defined> |
| What is your personal perspective of the importance of this product | <Not defined> |

| Deliverable dissemination |
|---|
| Open access restriction: <Not defined> |
| License adopted: <Not defined> |
| Dissemination Channel: <Not defined> |

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Dissemination URL: [<Not defined>](#)**Deliverable Metadata****Description:** <Not defined>**Creator / Authors:** <Not defined>**Author Identifier:** <Not defined>**Publication / Creation date:** <Not defined>**Language:** <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing****Deliverable files**
<Not defined>**Deliverable #2****Main Information****Title:** Annual Reporting**MOG # 1:** New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries**Main Type:** Reports, Reference Materials and Other Papers**Sub Type:** Research report**Year of expected completion:** 2016**Status:** Complete**Next-user**

CGIAR

Knowledge, attitude, skills and practice changes expected in next-user: Awareness of accomplishments.**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** Use CCAFS communication channels.**Partners contributing to this deliverable****Partner #1 (Responsible):** Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader

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| Deliverable Ranking | |
|---|---------------|
| Address gender and social inclusion aspect | <Not defined> |
| Potential for/ actual contribution to outcomes | <Not defined> |
| Level of shared ownership (partnerships across org.) | <Not defined> |
| What is your personal perspective of the importance of this product | <Not defined> |

| Deliverable dissemination |
|--|
| Open access restriction: <Not defined> |
| License adopted: <Not defined> |
| Dissemination Channel: -1 |
| Dissemination URL: <Not defined> |

| Deliverable Metadata |
|--|
| Description: <Not defined> |
| Creator / Authors: <Not defined> |
| Author Identifier: <Not defined> |
| Publication / Creation date: <Not defined> |
| Language: <Not defined> |
| Coverage: <Not defined> |

| Deliverable Data sharing |
|------------------------------------|
| Deliverable files <Not defined> |

Deliverable #3

| Main Information | |
|---|---|
| Title: Publications will be described once workplanning is complete | |
| MOG # 5: Evidence and knowledge products synthesizing national gaps and opportunities to guide regional and global investment in climate informed agricultural and food security decision-making | |
| Main Type: Peer reviewed Publications | Sub Type: Peer-reviewed journal articles |
| Year of expected completion: 2016 | |

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Status: <Not defined>**Next-user**

will be described once workplanning is complete

Knowledge, attitude, skills and practice changes expected in next-user: will be described once workplanning is complete**Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes:** will be described once workplanning is complete**Partners contributing to this deliverable****Partner #1 (Responsible):** Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader**Deliverable Ranking****Address gender and social inclusion aspect** <Not defined>**Potential for/ actual contribution to outcomes** <Not defined>**Level of shared ownership (partnerships across org.)** <Not defined>**What is your personal perspective of the importance of this product** <Not defined>**Deliverable dissemination****Open access restriction:** <Not defined>**License adopted:** <Not defined>**Dissemination Channel:** <Not defined>**Dissemination URL:** [<Not defined>](#)**Deliverable Metadata****Description:** <Not defined>**Creator / Authors:** <Not defined>**Author Identifier:** <Not defined>**Publication / Creation date:** <Not defined>**Language:** <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing**

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Deliverable files

<Not defined>

Deliverable #4

| Main Information | |
|---|---|
| Title: Gridded daily historic data maproom | |
| MOG # 1: New climate information and analysis that enhances the capacity of data providers (e.g. regional and national meteorological institutions) to meet the demands of climate service beneficiaries | |
| Main Type: Tools and Computer Software | Sub Type: Platforms |
| Year of expected completion: 2016 | |
| Status: On-going | Justification for cancelling the deliverable: Prototype developed, needs evaluation, feedback and documentation. |

| Next-user |
|--|
| Flagship projects, CGIAR collaborators, and a broader community interested in using historical climate data for agricultural modeling and risk analysis |
| Knowledge, attitude, skills and practice changes expected in next-user: Awareness and access to new generation of daily merged gridded meteorological products. |
| Strategies (facilitation, engagement, knowledge sharing etc.) will be used to encourage and enable next-user to utilize deliverables and adopt changes: Implement in an online "maproom" interface, and user guide. |

| Partners contributing to this deliverable |
|--|
| Partner #1 (Responsible): Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader |

| Deliverable Ranking | |
|--|---------------|
| Address gender and social inclusion aspect | <Not defined> |
| Potential for/ actual contribution to outcomes | <Not defined> |
| Level of shared ownership (partnerships across org.) | <Not defined> |
| What is your personal perspective of the importance of this product | <Not defined> |

| Deliverable dissemination |
|---|
| Open access restriction: <Not defined> |
| License adopted: <Not defined> |

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Dissemination Channel: -1**Dissemination URL:** [<Not defined>](#)**Deliverable Metadata****Description:** <Not defined>**Creator / Authors:** <Not defined>**Author Identifier:** <Not defined>**Publication / Creation date:** <Not defined>**Language:** <Not defined>**Coverage:** <Not defined>**Deliverable Data sharing****Deliverable files**

<Not defined>

5.3 Summary on next-users

| Next user #1 |
|---|
| <p>Key next user for the current reporting period. Key game changers. Observed Knowledge, Attitude, Skills and practice changes: Perhaps the most significant next user was USAID, who invested or approved about \$7.5M of new funding for climate services (in Rwanda and Senegal), to be managed by CCAFS. Climate services and index-based insurance are now prominent in the USAID Feed the Future strategy for climate-smart agriculture, creating promising new opportunities.</p> |
| <p>Strategies (facilitation, engagement, knowledge sharing etc.) you used to encourage and enable this next user to utilize deliverables and adopt changes: A relationship built over several years with an Africa Bureau Senior Climate Advisor opened opportunities to engage other regional and country mission staff of USAID. USAID participation in a CCAFS co-lead conference in Senegal (December 2012), and communication of CCAFS approach and innovations through blogs and working papers likely contributed to our visibility with USAID.</p> |
| <p>Reported deliverables serve as evidence towards this achieved change: Not applicable</p> |
| <p>Lessons and implications for the next planning cycle: It is crucial to have staff availability and flexibility to engage USAID informally and through various learning events. There is a recognized gap in evidence of the livelihood benefits of investing in climate services, which should be addressed to the degree possible, with synthesis of available evidence and solid evaluation of ongoing projects.</p> |

5.4 Project highlights

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6. Activities

| Activity #1 | |
|---|--|
| Title: Tools and Methods to Access Climate Data and its Impacts on Crop Production | |
| <p>Description: This activity has two components: (a) maintenance and improvement of the CCAFS Regional Agricultural Forecasting Tool (CRAFT); and (b) tools for accessing and using high-resolution gridded historic weather data.</p> <p>To, F2 designed and commissioned development of the CCAFS Regional Agricultural Forecasting Toolbox (CRAFT) to make methodology for model-based crop production forecasting more accessible. Partners are testing and using CRAFT in South Asia, on a pilot basis. Flagship 2 projects in WA and LAM have incorporated CRAFT into their activities. This activity will make CRAFT more robust for application in diverse settings, support its extension into other regions, and support additional crop models that are relevant to partners or projects.</p> <p>Work on tools for accessing and using historic data will: (a) archive daily weather data sets (FEWSNet, TAMSAT); (b) improve the interface for accessing historic data; and (c) improve dynamic climate risk mapping tools for S and SE Asia.</p> | |
| Start date (dd-MM-yyyy): 01-01-2015 | End date (dd-MM-yyyy): 31-12-2016 |
| Leader: Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader | |
| Status: On-going | <p>Justification: WSU improved the CCAFS Regional Agricultural Forecasting Toolbox (CRAFT), adding models for additional crops and improved AgMIP data translation tools, providing a more open distribution system, and enhancing usability and documentation. Daily weather data from TAMSAT and FEWSNet have been archived in the IRI Data Library. A prototype "maproom" interface for accessing and downloading daily data has not been finalized or documented.</p> |

| Activity #2 | |
|---|--|
| Title: Flagship 2 Program Management and Communications | |
| <p>Description: This activity includes the day to day management of the Flagship 2 portfolio as well as delivery on the FP2 communications plan.</p> | |
| Start date (dd-MM-yyyy): 01-01-2015 | End date (dd-MM-yyyy): 31-12-2016 |
| Leader: Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader | |
| Status: On-going | <p>Justification: The FL2 kept up with day to day management of the Flagship 2 portfolio and delivery on the FP2 communications plan.</p> |

| Activity #3 |
|-------------|
|-------------|

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| | |
|--|---|
| Title: Climate Service Engagement, Communication, Technical Backstopping, and Gender Empowerment | |
| Description: This activity includes one staff member that serves as the flagships champion for work on Climate Services for Farmers. This work includes engagement with partners, communication of results, and technical backstopping for flagship projects that include a climate service for farmer component. The staff member will also continue to mobilize an active community of CGIAR researchers and partners working in this area. | |
| The staff member resigned in August 2015. The Flagship Leader will continue aspects of it. | |
| Start date (dd-MM-yyyy): 01-01-2015 | End date (dd-MM-yyyy): 31-12-2016 |
| Leader: Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader | |
| Status: On-going | Justification: The leader of this activity, Arame Tall, resigned from CCAFS in August 2015. Budget cuts make it infeasible to replace her position. The FP2 Leader has maintained some of these activities at a lower level. |

| Activity #4 | |
|--|--|
| Title: Flagship 2 Knowledge Synthesis | |
| Description: Knowledge synthesis activities will involve coordination and knowledge-sharing among F2 projects, and publication of synthesis products. | |
| Start date (dd-MM-yyyy): 01-01-2015 | End date (dd-MM-yyyy): 31-12-2016 |
| Leader: Hansen, James <jhansen@iri.columbia.edu>, FP2 Leader - FP2 Leader | |
| Status: On-going | Justification: Synthesis products in 2015 include a position paper on the role of rural radio in delivering climate services to rural communities, and a review and recommendations submitted to SBSTA on expanding the contributions of early warning systems to climate-resilient agricultural development in Africa. |

Lessons regarding your project activities and possible implications for the coming planning cycle: Activities have generally progressed as planned, but progress has been affected by loss of staff, and funding cuts that prevent hiring new Flagship staff.

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7. Leverages

<Not defined>