Module 1: UNFCCC initiatives on agriculture and the Nationally Determined Contributions (NDCs)

Group Activity: Small group discussion on the progress of NDC implementation in the agricultural sector of each country

Suggested time
90 minutes total; 60 minutes for small group discussion, 30 minutes for groups to report back to plenary

Objective
Allow participants to discuss with their fellow country representatives about the progress of NDC implementation in the agricultural sector

Materials
Flipchart paper and markers for each country group

Desired outputs
Summary from each country group on key points of NDC implementation progress in the agricultural sector

Expected learning
Sharing of information across countries on the status of NDC implementation in agriculture; learning from others’ experience of good practices used during the NDC revision process

Instructions to participants
Sit at a table with all of the other representatives from your country (groups should be 3-6 people each). Discuss your country’s progress on NDC implementation in the agriculture sector, the revision process that was followed to submit the revised NDC in 2020 and how the agricultural sector contributes to NDC processes. Also discuss experiences in developing your country’s long-term strategy and how the NDC aligns with that document.

Guiding questions for the discussion:

1. What are the main highlights of progress made in NDC implementation? Is progress greater in some subsectors? In which subsectors does progress lag behind?
2. How was the agriculture sector engaged in the NDC revision process in 2020?
3. How are the NDC revision process and the long-term strategy process aligned and coordinated?

You’ll have 60 minutes for a discussion. Nominate a spokesperson who will provide a summary of your discussion to the larger group. Note key points on your flip chart paper. After the small group interaction, each group will report back key discussion points to the plenary.
Module 2: Climate actions in agriculture and priority setting for investments

Group Activity: Hands-on practice with ERA

Suggested time
60 minutes for participants to work in pairs, led by the presenter

Objective
Provide participants time to explore the Evidence for Resilient Agriculture (ERA) online tool

Materials
Participant laptops (one per pair), WIFI/internet access

Desired outputs
Frequently asked questions noted by the presenter and answered for all participants

Expected learning
Functionalities of the ERA website and how it can be used to help set priorities for project design

Instructions to participants
Participants will have a chance to work in pairs and explore the Evidence for Resilient Agriculture (ERA) website and practice using it to assess possible CSA options. The presenter leading this session should be very familiar with the website and its functionalities.

Have participants select a partner and decide whose laptop they will use for the exercise. Lead them through the functionalities of ERA following the instructions below. Be sure to give everyone enough time to navigate through the website. The presenter should circulate among the pairs to ensure everyone is able to access and understand the tool.

How to examine outcomes using ERA (20 min)

- On your browser type in era.ccafs.cgiar.org
- Head to Analyze tab and then Examine-Outcome
- Select up to 3 practices of your interest
- Select the Outcome of choice (Productivity, mitigation or resilience)
- Select up to 3 products of your choice (maize, cassava, oil palm etc.)
- Finally choose the aggregate level you would like (by indicator or pillar or outcome)

How to assess the climate-smartness

- Head to Analyze tab and then assess climate smartness
- Select the practice grouping level (either cluster practice or practice)
- Specify whether you want to include data from papers where the practice was used by itself (solo) or in combination with other practices (combo)
- Select the practices of your choice (e.g. feed addition, agroforestry pruning)
- Select the product and product indicator of your interest (e.g. goats and either milk or meat respectively)
- Set the mean annual temperature (e.g. 15-18) and rainfall (e.g. 700-850) of the areas of your interest
- Select the outcome of interest (productivity, mitigation, resilience)
The visualization will calculate effect sizes and provide maps where mean is report and the number of studies will be in parentheses.

**How to identify Interactions (20 min)**

Practice can be applied by itself or in combination with other practices. For example, reduced till can be applied alone or together with others like mulch or (in)organic fertilizer, etc. The aim is to explore whether it is beneficial or antagonistic using a practice together with others rather than alone.

- Head to Analyze tab and then identify interactions
- Select your focal practice (e.g. Reduced tillage) [*The tools respond by selecting all the observations that use that practice alone or in combination*]
- Select product category (e.g. Legumes)
- Select the specific product (e.g. Lablab)
- Set mean annual temperature (e.g. 15-18) and mean annual rainfall (e.g. 750-1100)
- Set the minimum number of studies (e.g. 4)
- Select by what would like to order your bars (e.g. productivity, resilience or mitigation)

**How to discover synergies (20 min)**

The premise of CSA is that food security and climate change can be addressed simultaneously. Changing management practices affects the outcomes (productivity, mitigation and resilience). Some of these changes can be positive (synergy), some can be either be positive or negative (tradeoffs) and others can all be negative (bad thing).

- Head to Analyze tab and then discover synergies
- Select management practices of interest
- Select products of interest
- Select AEZs of interest
Module 3: Climate finance for agriculture

Group Activity: Discussion and planning on climate finance

Suggested time
1 hour and 45 minutes total. 75 minutes for small groups discussions and 30 minutes for groups to report back

Objective
Open up dialogue between participants to share information from their experiences and knowledge of accessing climate finance

Materials
Laptops and a projector for each group to present main discussion points using slides

Desired outputs
Notes on key discussion points from the small groups shared with the plenary

Expected learning
Increase knowledge on existing and potential climate finance projects in Africa

Instructions to participants
The presenter and facilitator will form small groups with 5-6 people in each group. Each group should address one of the following topics (can be flexible on topics if needed, based on expertise in the room and number of groups formed).

1. Domestic public climate finance
2. Domestic private climate finance
3. International public climate finance
4. International private climate finance
5. Blended finance

Sitting at tables by group, participants should discuss existing and potential climate finance projects within their topic. Have each group note key points using slides and nominate a spokesperson who will report back to plenary.

Questions to guide the discussion:

a. What are the key barriers you have to access climate finance and how is your country trying to overcome them?
b. What new climate finance sources will you try to engage from now on and why?
c. What key changes will you try to make in your country’s enabling environment to help mainstream and track climate finance?
d. How can you strengthen your capacities you develop robust bankable projects? Have you tried south-south cooperation? What did and didn’t work?
Implementing Nationally Determined Contributions (NDC) Commitments in Agriculture

Group Activity Exercise Instructions

Module 4: Private sector engagement for NDC implementation

Group Activity: Private sector engagement

Suggested time
1 hour and 15 minutes total. 60 minutes for small groups discussions and 15 minutes for groups to report back

Objective
Get participants thinking creatively about how the private sector can be engaged to help implement the agriculture components of their country’s NDC

Materials
Flipchart paper and markers for each group

Desired outputs
Innovative ideas shared on how to engage with the private sector for NDC implementation

Expected learning
Expanded thinking on the need for private sector engagement, how this can be done through small and medium enterprises (SMEs) and what types of capacity building are needed to achieve this

Instructions to participants
Form new groups of 5-6 people each; do not stay in the same groups as the previous exercise. Based on the discussions you had in the morning, discuss with your new group how to successfully engage the private sector in your country.

Think broadly:

1. Which kind of financial institutions, investors and corporations would need to be involved and how? Would there be both domestic and international actors?

2. Do you have the right enabling environment to attract such stakeholders? What changes are needed and how can you learn from others?

3. How can you engage SMEs, and how can you increase their capacity to access climate finance?

4. What are the critical capacities that you would need to strengthen to attract private sector participation, both domestic and international?

Nominate a notetaker to write down ideas and a spokesperson who will present your most innovative idea to the rest of the participants.

Note to the facilitator: during the 15 minutes for reporting back, call on just a few groups to share their most innovative idea with the whole group.
Module 5: Consideration of social aspects for inclusive development

Group Activity: Reflection on improving social inclusion

**Suggested time**
1 hour and 30 minutes total. 60 minutes for small groups discussions and 30 minutes for groups to report back

**Objective**
Open up discussions on ways to improve social inclusion, especially consideration of gender equity and youth empowerment, for improved NDC implementation in agriculture

**Materials**
Flipchart paper, post-it notes and markers for each group

**Desired outputs**
One chart from each group as described below

**Expected learning**
In-depth discussions on how NDC implementation in agriculture can be improved to take social inclusion into consideration and trade-offs that might be encountered

**Instructions to participants**
Participants should count off to form small groups of 5-6 people each. In these groups, have a discussion on how climate change affects different groups of people differently. Use flipchart paper and post-it notes to fill information into a chart similar to the one below.

After groups have had an hour to discuss and fill their chart, reconvene as a plenary group. The facilitator will use the ‘popcorn report-out’ method by asking the whole group “What did you hear in your small group that is important for the whole group to understand?”. The facilitator should solicit input from several individuals and ask people to share their reflections freely to encourage discussion.

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Module 6: Measurement, reporting and verification (MRV) and adaptation M&E

Group Activity: Challenges and solutions for MRV and adaptation M&E

Suggested time
1 hour and 30 minutes total. 30 minutes to agree on top challenges and form small groups, 30 minutes for groups to discuss solutions, 30 minutes for gallery walk and additional comments.

Objective
Propose concrete solutions to the major challenges faced by countries in agriculture MRV and M&E of adaptation in agriculture.

Materials
Flipchart paper, stickers (6 per participant) and markers for each group.

Desired outputs
Top three challenges of MRV and adaptation M&E in agriculture identified and possible solutions listed.

Expected learning
Sharing of knowledge between country participants on what is working in their countries and resources for additional information.

Instructions to participants
In this activity, we want to identify the main obstacles to establishing/improving MRV and adaptation M&E systems and the best possible solutions to address the challenges. As a whole group, participants will agree on the top three challenges to GHG MRV and the top three challenges to adaptation M&E as follows:

1. Starting with GHG MRV, people will call out challenges, listing each one in large writing on a separate flipchart paper. Stop once 6-8 challenges have been listed. (5 min)
2. Repeat the brainstorming for challenges to adaptation M&E. List each challenge separately on a piece of paper. Stop once 6-8 challenges have been listed. (5 min)
3. After the challenges have been listed, each participant will be given 6 stickers to use for voting on the challenges they think are greatest/most important. They should use three to vote on GHG MRV challenges and three for adaptation M&E. (10 min)
4. After voting, the top 3 challenges will be selected based on the count of stickers on each, and people will be assigned to small groups based on each topic. (5 min)
5. Small groups of 5-6 people each will then have 30 min to discuss and propose solutions to the challenge. They should specify (a) who is responsible; (b) who else needs to be involved; (c) what resources are required, and (d) the timeframe needed to implement the solution.

Answers should be recorded on flipcharts at each table (30 min).

Each group will then present back. All groups will gather around one table at a time, and the whole group travels around the room to each table to view the flipcharts (gallery walk). After each group presents (3 min), there will be 2-3 minutes for others to add additional comments.
Implementing Nationally Determined Contributions (NDC) Commitments in Agriculture

Group Activity Exercise Instructions

Final Group Activity: Coordination mechanisms and planning integration

Suggested time
1 hour total. 20 minutes for ‘1-2-4’ work and 40 minutes for sharing ideas and discussing in plenary

Objective
Address any concerns over inter-ministerial coordination within countries and suggest mechanisms for improved coordination

Materials
Post-it notes and markers

Desired outputs
A list of the “Top 5” lessons for good coordination of NDC implementation in the agriculture sector

Expected learning
Expanded knowledge on coordination mechanisms and structures that are working in the countries represented in the training

Instructions to participants
Achieving NDC targets in addition to the many other development goals within a country requires high levels of coordination and policy coherence. In this activity, we will share effective means to coordinate actions across sectors, actors and scales.

All participants should be given some post-it notes and a marker. First, everyone should individually list existing coordination mechanisms within the national government or outside of the government that are used to help implement NDC commitments. Write just one idea per post-it. (5 min)

Next, participants should form pairs and compare their post-it notes. Combine those that are the same or very similar. Do not discard any post-it notes. (5 min)

Each pair now joins with another pair to have groups of four people. Repeat the comparison exercise and join any of the ideas that are the same. (10 min)

The facilitator will then call everyone back to plenary and ask for a volunteer to contribute three of the ideas from their group. Have the participant stick them on flipchart paper or the wall. If others have those same points, have them add theirs to that compilation. The facilitator should then ask for other ideas not yet mentioned. Continue until there are no new ideas to add.

As a group, review what has been posted. What are the “Top 5” mechanisms that have been listed? Discuss if these are adequate or if additional coordination structures are needed. Are additional actors needed within existing structures? By the end of the activity, participants should have generated and agreed on a list of “Top 5” lessons for improving and strengthening coordination of NDC implementation in the agriculture sector (30 min).