



Climate-Smart Agriculture Investment Planning

25-27 November 2019
ADB Thailand Resident Mission
(Mekong and Tonle Sap Room)
23/F The Office at Central World, Bangkok, Thailand

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Overview

Climate change imposes a dynamic challenge on the food system in Asia and has already started adversely impacting on farming and food value chains in ADB's DMCs. Climate change adaptation and mitigation investments, hence, are relevant to food and nutrition security agenda of Asia and the Pacific, and ADB has set a steep target of \$ 1 billion to increase climate finance (adaptation) in Agriculture and Natural Resources Sector by 2020.

Climate change impacts on food production and distribution system, and broad concepts of adaptation and mitigation measures have been well discussed and widely understood in general. What is lacking, though, is the practical knowledge on (i) how to apply climate smart agriculture (CSA) approach to specific investment projects by integrating required climate change adaptation measures and investing in mitigation opportunities within the project scope, and (ii) various ways to finance such CSA investment approach.

Based on relevant global best practices, this course will introduce various CSA application cases for different types of sector investment projects and tools to help plan CSA investments for ADB projects. The CSA cases will be developed for watershed and irrigation improvement; livestock value chain development, soil improvement and landscape management; aquaculture and coastal management improvement; and agribusiness value chain development. Participating project teams will learn various best CSA practices that are integrated into sector investment projects and practice their applications to the design of their own pipeline projects.

Learning Objectives

After attending the training program, the participants must be able to:

1. define climate-smart agriculture, and identify priority adaptation and mitigation actions;
2. describe methodologies and tools to plan CSA investments; and
3. characterize good CSA practices relevant to ADB pipeline from relevant case studies, including climate-smart livestock/ fisheries/agricultural value chains, watershed and irrigation management, and others.



Agenda

Day 1: 25 November 2019 (Monday)

Time	Topic	Presenter
08.30 – 09.00	Registration	
Moderator: Rima Al-Azar, FAO		
09.00 – 09.05	Welcome Remarks	Hideaki Iwasaki, Country Director, Thailand Resident Mission, ADB
09.05 – 09.20	ADB CSA Strategy and Training Overview	Michiko Katagami, ADB
	Climate-Smart Investment Planning: DMC Needs, Priorities & Approaches	Srinivasan Ancha, ADB
	Group Exercise	
9.20 – 9.45	Climate-Smart Agriculture: Revisiting Principles and Linking CSA Investments Programs in Asia	Beau Damen, FAO
09.45 – 10.00	Module 1: CSA Investment Planning - Identifying Interventions and Planning Investments	Godefroy Grosjean, CIAT
10.00 – 10.45	Module 1: Group Exercise and Q & A	Presenters
BREAK		
11.00 – 11.45	Module 2: Case Study on CSA Investment Preparations and Engaging with National Policymakers in Bangladesh and Philippines	Felicitas Roehrig, CIAT Godefroy Grosjean, CIAT
11.45 – 12.00	Module 2: Group Exercise and Q&A	Felicitas Roehrig, CIAT Godefroy Grosjean, CIAT
WORKING LUNCH		
13.30 – 15.00	Interactive Session: CSA Indicators for Investment Projects	Godefroy Grosjean, CIAT Felicitas Roehrig, CIAT
BREAK		



Time	Topic	Presenter
15.15 – 16.15	Module 3: Review of Climate Finance Landscape and CSA in Corporate Supply Chains	Tiffany Talsma, Marina Grunder Godefroy Grosjean, CIAT
16.15 – 16.45	Module 4: CSA: Financial Risk Transfer and Mitigation Mechanisms	Architesh Panda, LSE
16.45 – 17.00	Module 4: Group Exercise and Q&A	Presenters
18:30	Workshop/Working Dinner for Group and Final Project Presentations @ Nara, 7/F Central World Plaza	All Participants

Day 2: 26 November 2019 (Tuesday)

Time	Topic	Presenter
Moderator: Tassilo Tiemann, CIAT		
9.00 – 10.00	Module 5: CSA in Watershed Management & Irrigation, Case Studies from Nepal	Deepak Rijal, USAID
10.00 – 10.35	Module 6: Initiatives to Develop Climate-Smart Aquaculture in Viet Nam	Cao Le Quyen, VIFEP
WORKING BREAK		
10.50 – 11.40	Sustainable Coastal Resource Management	Juan Jose Robalino, CIAT
11.40 – 12.00	Water Discussion	Presenters
WORKING LUNCH		
13.30 – 14.00	Module 7: Climate-Smart Livestock Production and Value Chain in the GMS	Thomas Weaver, CCL
14.00 – 14.20	Climate-Resilient Agro-Silvi-Pastoral Approaches for Improving Livestock Productivity in the Neighborhood of the Former Aral Sea	Kristina Toderich & Aziz Karimov, Tottori University



Time	Topic	Presenter
14.20 – 14.45	Climate-Smart Investments in Rangelands	Fiona Flintan, ILRI
14.45 – 15.00	Livestock Discussion	Presenters
BREAK		
15.15 – 15.45	Module 8: Agribusiness Value Chain Development Case Study: Green Coffee in Costa Rica	Rima Al-Azar
15.45 – 16.00	Agribusiness Discussion	Rima Al-Azar
16.00 – 16.45	Module 9: Climate Services: Transitioning into Climate Change Adaptation	Pablo Imbach, CIAT
16.45 – 17.00	Insights from the Bali Conference: A Climate-Smart Agriculture Conference	Godefroy Grosjean, CIAT

Day 3: 27 November 2019 (Wednesday)

Time	Topic	Presenter
Moderator: Pablo Imbach, CIAT		
9.00 – 10.30	Interactive Session: Pipeline Clinic - How can CSA be included in the existing project pipeline? <ul style="list-style-type: none"> • Presentations by project teams • Comments from presenters and discussions • Outline of ongoing emission estimate methodology for livestock project 	ADB Participants Presenters Yosuke Fukushima, ADB
BREAK		
10.50 – 11.45	Interactive Session (continued)	Presenters
11.45 – 12.00	Final Case Presentations and Open Discussion	Moderators Tassilo Tiemann, CIAT Felicitas Roehrig, CIAT Godefroy Grosjean, CIAT



		<p>Case Studies</p> <p>VIE: Climate-Smart Horticulture Value Chain Infrastructure Project Hyunyoung Song, SEER</p> <p>IND: Maharashtra Agribusiness Network Project Masahiro Nishimura, SAER</p> <p>INO: High-Value Coconut Processing Carine Donges, PSOD</p> <p>VIE: Inclusive and Sustainable Shrimp Value Chain and Export Project Ting-Ying Lin, PSOD</p> <p>VIE: Climate Adaptive Integrated Flood Risk Management Project Ryutaro Takaku and Vu Ngoc Chau, SEER</p>
WORKING LUNCH		
12.00 – 15.30	Final Case Presentations and Open Discussion (continued)	<p>Case Studies</p> <p>PRC: Integrated and Sustainable Livestock Value Chain Project Linda Xiaole Wang, PSOD</p> <p>IND: Sustainable Poultry Business Expansion Project Noorullah, PSOD</p> <p>AFG: Water Resources Development Sector Project Frank Radstake, CWER</p> <p>AZE: Irrigation and Drainage System Development in Nakhchivan Autonomous Republic Project Yaoshou Zhou, CWER</p> <p>MON: Climate-Resilient Livestock Sector Development Project Jan Hinrichs, EAER</p> <p>CAM: GMS Flood and Drought Risk Management and Mitigation Project Piseth Long, SEER</p>



		<p>IND: Himachal Pradesh Subtropical Horticulture, Irrigation and Value Addition Sunae Kim, SAER</p> <p>REG: High-Value Horticulture Development Project Ninh Le Do, PSOD</p> <p>REG (BAN/MYA/PHI/VIE): Investing in Climate Change Adaptation through Agroecological Landscape Restoration and Development of Guidance Note on GHG Emissions from Livestock Sector Yosuke Fukushima, SDCD/SDCC</p>
WORKING BREAK		
15.30 – 17.00	Bilateral Meetings	CIAT and ADB Organizers



Participants

1. Godefroy Grosjean, CIAT
2. Architesh Panda, LSE
3. Tiffany Talsma, CIAT
4. Deepak Rijal, USAID
5. Pablo Imbach, CIAT
6. Kristina Toderich, Tottori University
7. Felicitas Roehrig, PIK
8. Tassilo Tiemann, CIAT
9. Juan Jose Robalino, GGI
10. Rima Al-Azar, FAO
11. Thomas Weaver, CCL
12. Beau Damen, FAO
13. Cao Le Quyen, VIFEP
14. Fiona Flintan, ILRI
15. Hyunyoung Song, SEER, ADB
16. Piseth Long, CARM, ADB
17. Chau N. Vu, VRM, ADB
18. Masahiro Nishimura, SAER, ADB
19. Sunae Kim, SAER, ADB
20. Carine Sophie Donges, PSOD, ADB
21. Ting Ying Lin, PSOD, ADB
22. Ninh le Do, PSOD, ADB
23. Xiaole Wang, PRCM, ADB
24. Noorullah, PSOD, ADB
25. Frank Radstake, CWER, ADB
26. Yaozhou Zhou, CWER, ADB
27. Jan F. Hinrichs, EAER, ADB
28. Michiko Katagami, SDCC, ADB
29. Yosuke Fukushima, SDCC, ADB
30. Leah Arboleda, SDCC, ADB
31. Hideaki Iwasaki, TRM, SEER, ADB
32. Srinivasan Ancha, TRM, SEER, ADB
33. Phairoj Phongsombutvara, TRM, SEER, ADB
34. Dilokchon Chakriyarat, TRM, SEER, ADB
35. Pornvarin Vichitvejpaisal, TRM, SEER, ADB
36. Jirapar Boonyasurakul, TRM, SEER, ADB
37. Dujdhep Eknok, TRM, SEER, ADB

