

Webinar “Greenhouse gas reduction on smallholder dairy farms in Asia”, October 28th, 2021

Experiences with mitigation options and greenhouse gas reduction plans



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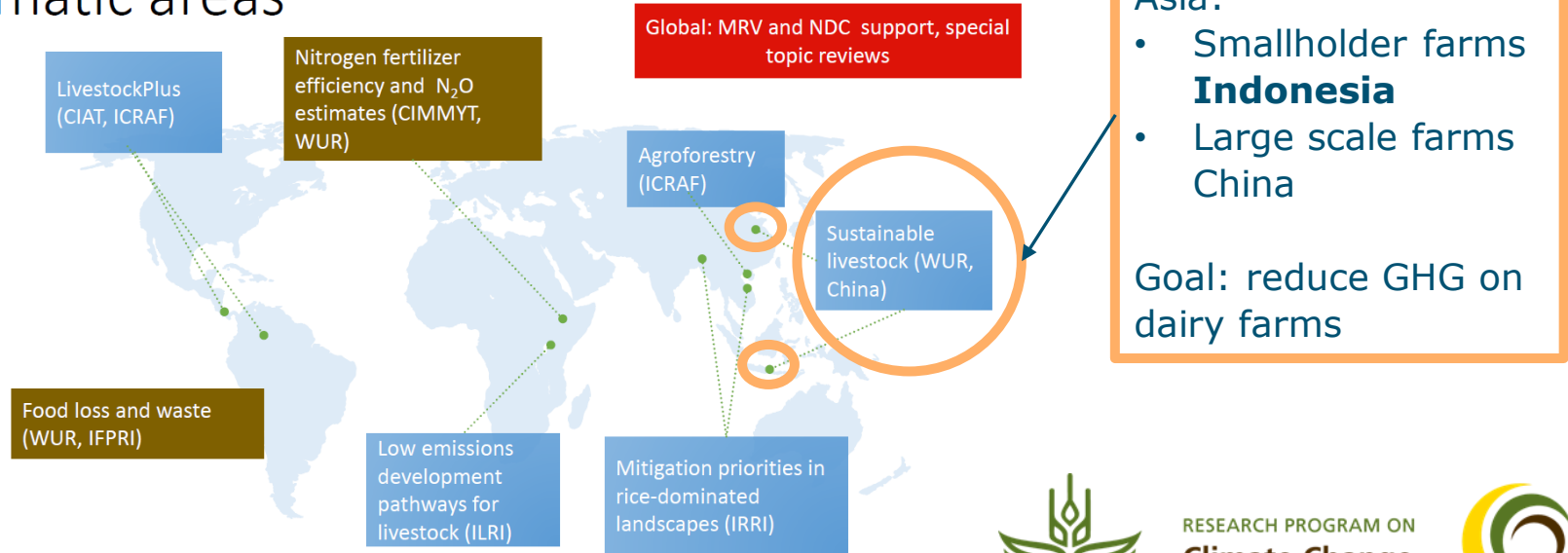


RESEARCH PROGRAM ON
**Climate Change,
Agriculture and
Food Security**



CCAFS low emissions development program

CCAFS low emissions development: thematic areas



IDF work on GHG emission mitigation

IDF priority project: update of the 2015 LCA guide

- Designed to assist the dairy industry on its journey to reduce GHG emissions across the value chain
- The 38-member expert action team includes academics, policy, dairy company specialists, consultants and tool developers from 17 different geographies



IDF COMMON APPROACH TO CARBON FOOT PRINTING IN THE DAIRY VALUE CHAIN: METHODOLOGY

**IDF Common Approach to Carbon Foot Printing in the
Dairy Value Chain**

Using a Lifecycle Assessment Approach

Goals of the webinar: share results and experiences with reduction of emissions from smallholder dairy farms in Asia

1. Experiences with mitigation options
2. Bottlenecks and opportunities to reduce GHG
3. National or local future plans
4. Research results about GHG reduction



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Program webinar

Nr	Topic	Presenter	Organization
1	Opening	Jelle Zijlstra (mediator), and Maria Sanchez	Wageningen University & Research (WUR) International Dairy Federation (IDF)
2	Activities of GRA	Hayden Montgomery	Global Research Alliance (GRA)
3	General scope GHG mitigation options smallholder dairy farms	Dr. Pierre Gerber	World Bank
4	Overview of ongoing and planned projects GHG dairy	Dr. Anne Mottet	Food and Agriculture Organization (FAO)
5	Experiences Vietnam: capacity building	Dr. Nguyen Thai Lein Houn	National Agricultural Extension Center
6	Experiences Indonesia: feeding and manure management	Dr. Marion de Vries	Wageningen Livestock Research
7	Experiences and plans India	Dr. V. Sridhar	National Dairy Development Board
8	Research on reduction of methane emissions India	Dr. Raghavendra Bhatta	Nat. Inst. of An. Nutrition and Physiology
9	Experiences Thailand	Dr. Patthra Pengthamkeerati	Kasetsart University, Bangkok
10	Experiences Sri Lanka: mitigation options	Dr. Pradeepa Silva	University of Peradeniya
11	Closing remarks: lessons learned, questions and discussion	Jelle Zijlstra	Wageningen University & Research (WUR)

Lessons learned about implementing mitigation options

- 1. Key management fields:** feeding/ration balancing, fodder production, crop residues, feed conservation, manure practices, energy (saving and production), share of productive cows in herd, herd health, animal welfare and breeding
- 2. Goals:** -30% 2030 and -60% 2050 (India). Other goals defined?
- 3. Capacity building** about GHG emissions and farm management: practicing on PC and in field trips in GHG, collaboration between government/extension, dairy processors and farmers

Questions and discussion

Webinar organisation:

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2nd IFCN Dairy Forum 2021

18th of November 2021, 14.00-16.00 CET, online

Greenhouse gas emissions from dairy and solutions for emerging dairy countries

- Session on the latest developments from the food systems summit and COP 26
- IFCN presentation analysing the status and trends
- Panel discussion with companies, institutions & researchers

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