

ENHANCING NDCS in the Agriculture Sector

THURSDAY, APRIL 16, 2020 7:30AM ET | 12:30PM BST | 1:30PM CEST

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CLIMATE & CLEAN AIR COALITION



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Agenda

Welcome and introduction, Katie Ross and Mary Levine, WRI

CCAC's work on agricultural climate action, Catalina Etcheverry, CCAC Secretariat

Enhancing NDCs: opportunities in agriculture, Katie Ross, WRI

Foundations for action, Laurel Pegorsch, Oxfam

Vietnam country case study, Le Hoang Anh, Ministry of Agriculture and Rural Development

Uruguay country case study, Walter Oyhantcabal, Ministry of Livestock, Agriculture and Fisheries

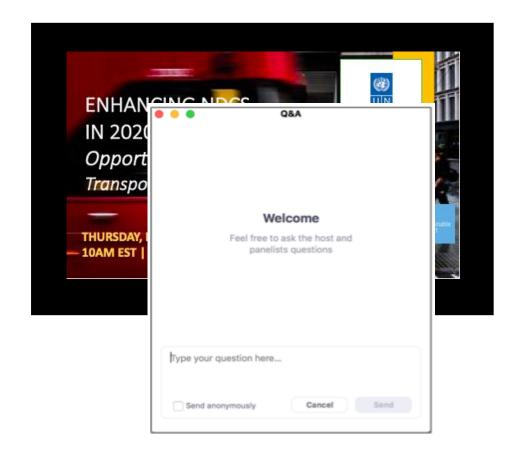
FAO's work on NDCs and agriculture, Martial Bernoux, FAO, and Cecilia Jones, Ministry of Livestock, Agriculture and Fisheries

Q&A



Attendee participation

- Join audio:
 - Preferred method: through Computer Audio
 - Back-up: choose Telephone and dial-in using the phone numbers listed in the webinar confirmation email
- Attendees remain in listen-only mode
- Please select "Q&A" at the bottom of your screen for any questions or comments during the webinar
- Today's presentation will be recorded and made available within 24 hours



If you experience technical problems during the webinar, please submit questions in the Q&A section or to Mary.Levine@wri.org

Catalina Etcheverry Climate and Clean Air Coalition Secretariat

OUR WORK ON AGRICULTURAL CLIMATE ACTION

Webinar on Enhancing NDCs: Agriculture 16 April 2020





CCAC AGRICULTURE INITIATIVE

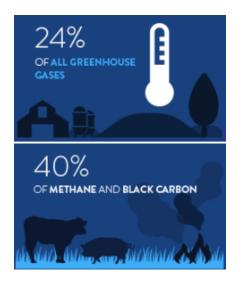














CCAC AGRICULTURE INITIATIVE STRATEGY

AIM: To catalyze the practice and policy changes that are needed now, and then to pass the mantle onto organizations such as, FAO and WB, with the clear mandate to expand and scale up this work

We do this through:

- BUILDING POLITICAL WILL- via a group of leaders in the field and raising awareness about the actions that can be taken now
- ASSISTING COUNTRIES WITH TOOLS & CAPACITY BUILDINGto identify increasingly ambitious actions, policies and targets
- SUPPORTING STRENGTHENED COORDINATION at the national level
- MARSHALLING EVIDENCE THAT ENABLES LARGE-SCALE FINANCING -To unlock the potential for scale-up

ccacoalition.org

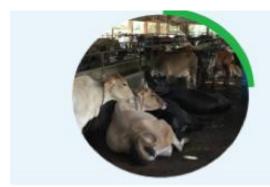




PROMOTING COST-EFFECTIVE SOLUTIONS & MARSHALLING EVIDENCE

EXAMPLE OF OUR WORK ON LIVESTOCK

We have funded work to show how low-cost strategies to reduce enteric methane emissions can contribute to short- and long-term social and economic development, as well as climate action.





Our work with the FAO has shown the potential to implement strategies



PRACTICAL APPROACH-EXPERT ASSISTANCE SUPPORT

CCAC Solution Centre funding was provided to Vietnam to increase the potential for emissions reductions through their planned livestock emissions law, which relates to implementation of the country's INDC commitments.

The Solution Centre provides small-scale funding to help developing countries achieve a real outcome, such as a policy or other action that can lead to emissions reductions.

Overall ranking of different mitigation options at Farm level

No	Mitigation option	Ranked by experts	Ranked by MACC	Ranked by total mitigation potential (3)	Total ranked (4=1+2+4)	Overall priority*
1	Manure composting	3	1	1	5	1
2	Biogas system	1	2	2	5	1
3	Using biomat	3	4	3	10	4
4	Using bio-agents	5	-	-	-	-
5	Feed mix	2	3	4	9	3
6	Other	6	-	-	_	-

Overall ranking of different mitigation options at HH level

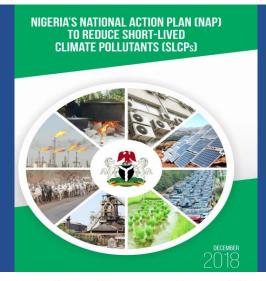
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1	Manure composting	3	1	1	5	1
2	Biogas system	1	3	2	6	2
3	Using biomat	4	4	3	11	4
4	Using bio-agents	6	-	-	-	-
5	Feed mix	2	2	4	8	3
6	Other	5	-	_	-	-





SUPPORTING STRENGTHENED COORDINATION AT THE NATIONAL LEVEL

Agriculture Institutional Strengthening Coordination is being supported in Nigeria and in Vietnam to sustainably increase the level of action to reduce SLCPs from the sector by further promoting coordination and scaling-up of activities at the national level



Blueprint for outscaling lowemissions rice farming in Vietnam







Thank you!

Catalina Etcheverry

CCAC Agriculture Initiative Coordinator

Catalina Etcheverry @un.org

For more information and resources:

ccoalition.org/en/initiatives/agriculture

LEARN MORE:









www.ccacoalition.org



Katie Ross World Resources Institute



SEIZING OPPORTUNITIES FROM NDCs

- Foster increased action on adaptation
- Support small-scale and vulnerable farms and farmers
- Align the Ag sector with low-emissions transformation
- Bring together climate action with the SDGs
- Attract investment and support

WIN-WIN SOLUTIONS

More sustainable production and consumption measures, such as reduced food loss and waste and shifts to healthier and more sustainable diets





Better livestock management
(i.e., better feed, animal health
care and breeding) can support
higher ruminant productivity and
hence the livelihoods and
resilience of livestock producers

Broader land management, such as improved pastures for grazing; improved soil and water management, including through agro-ecological approaches; reduced use of fire as a management strategy; and improved soil fertility





Better crop management can increase the potential yield of crops and help farmers achieve better yields by better coping with environmental constraints, including a changing climate

AGRICULTURAL CONTRIBUTIONS FOR ENHANCED NDCs

Strengthen Implementation	Add Specific Policies and Actions	Incorporate Additional Agriculture-Sector Action into an Emissions Target	Facilitate Clarity, Transparency and Understanding
 Strengthened governance arrangements; More inclusive processes; Introduction of mechanisms to mobilize finance for NDC implementation; Greater alignment with development plans. 	 E.g.: Improve soil and water management; Improve manure management; Reduce food loss and waste; Shifts to healthier and more sustainable diets. 	 Strengthen/ create a new economywide reduction target Strengthen/ create a new sector reduction target 	 Description of, e.g.: Assumptions; Processes; How actions will benefit small-scale farmers and the most vulnerable.

FIND OUT MORE





WORKING PAPER

ENHANCING NDCs: OPPORTUNITIES IN AGRICULTURE

KATHERINE ROSS, KRISTEN HITE, RICHARD WAITE, REBECCA CARTER, LAUREL PEGORSCH, THOMAS DAMASSA. AND REBECCA GASPER

EXECUTIVE SUMMARY

Highlights

- Climate change directly and indirectly affects food production in many regions, including lost crops and dwindling employment opportunities. These impacts will likely become more severe by 2030 and beyond, placing global food security and the livelihoods of hundreds of millions of pooele at risk.
- Now is the time to scale up efforts to reshape the agriculture sector to support farmers, avoid the extensification of food production, improve the productivity of farms, build resilience, and reduce emissions. Indeed, the goals of the Paris Agreement cannot be met without transformative changes in the agriculture sector. Incorporating more ambitious, explicit, and directed actions in the agriculture sector in enhanced nationally determined contributions (NDCs) can help make this necessary transition.
- This paper aims to help countries think through the process of enhancing their NDCs by including strengthened actions in the agriculture sector. It underscores the need for tailor-made approaches suited to a country's unique set of circumstances.
- It identifies a range of possible actions for climate change adaptation and mitigation in the agriculture sector, given the right enabling environment in place, and offers examples of how these actions can be included in an enhanced NDC.

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Build Resilience in the Agriculture Sector
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Working Papers contain preliminary research, analysis, findings, and recommendations. They are circulated to stimulate timely discussion and critical feedback, and to influence ongoing debate on emerging issues. Working papers may exembally be published in another form and their content may be revised.

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Supported by:



WORKING PAPER | December 2019 |

Find the paper at:

https://www.wri.org/publication/enhancing-ndcs-agriculture



Laurel Pegorsch Oxfam America

Enhancing NDCs: Opportunities in Agriculture

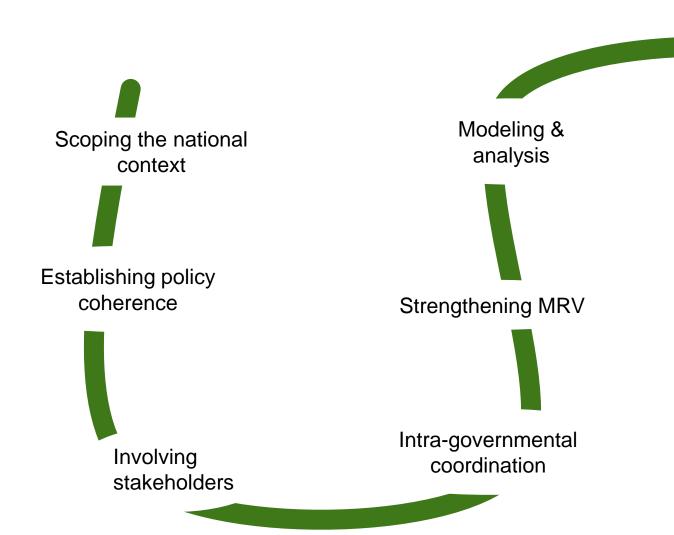
Laurel Pegorsch, Climate Change and Energy Policy
Oxfam America
April 16th, 2020



Foundations for Action



FOUNDATIONS FOR ACTION



Identifying opportunities for support

Enabling equitable & inclusive governance

Identifying contributions for NDCs



Case Studies: Leading with Development





Agroforestry and Empowerment in Mali

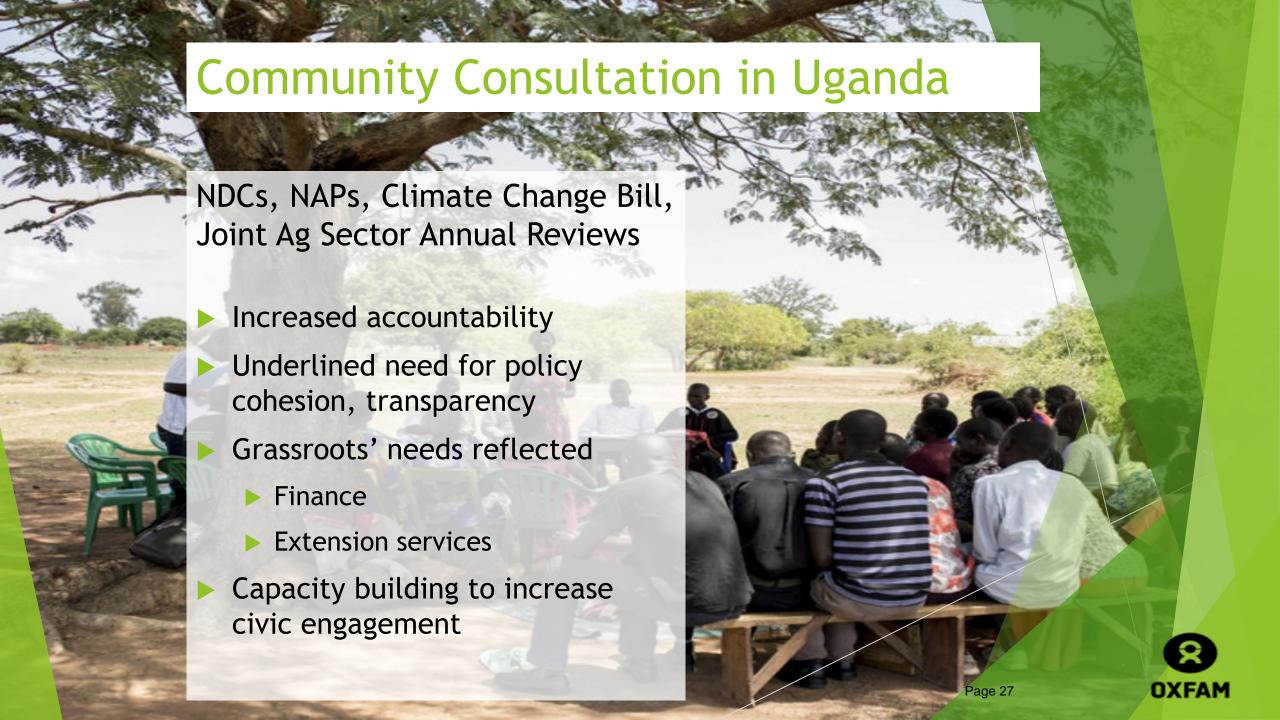


Saving for Change Program

- Improved soil quality
- Water management / security
- Diversified incomes
 - Food security
 - Nutrition
- Ecological benefits & biodiversity
- Reduced pressure to convert land
- Strengthen community-tocommunity capacity building







Thank you

<u>Laurel.Pegorsch@oxfam.org</u>

@LaurelPegorsch



Le Hoang Anh Ministry of Agriculture and Rural Development, Vietnam

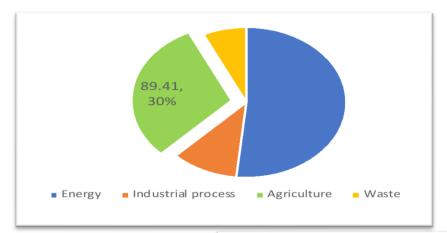


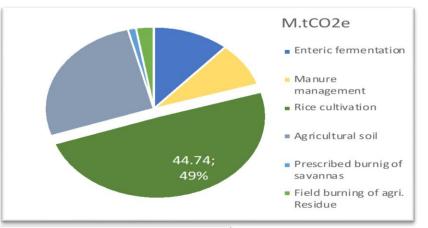


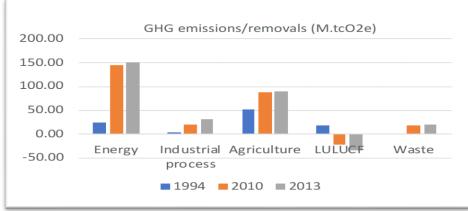
VIETNAM'S CASE STUDY IN EMBEDDING SLCP MITIGATION MEASURES IN TO AGRICULTURE SECTOR'S NDC

Le Hoang Anh Department of Science Technology and Environment, Ministry of Agriculture and Rural Development

GHG emissions share by sectors/ source in Vietnam

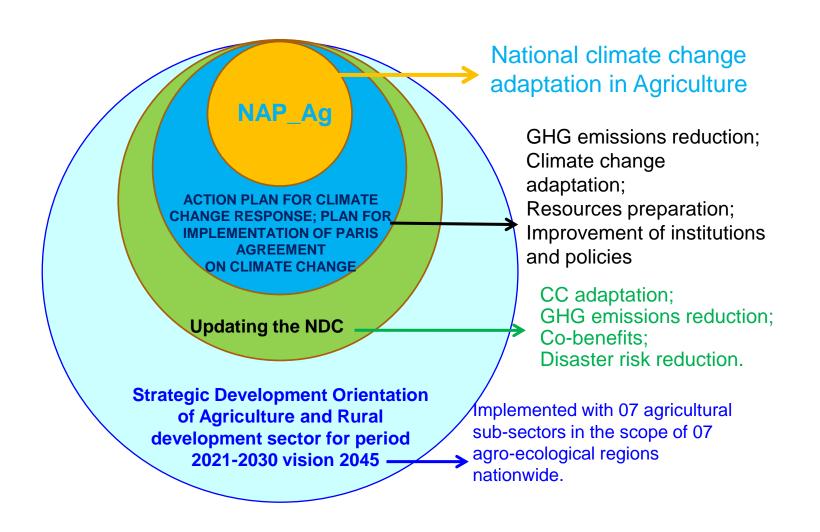






Source: MONRE (2017)

Agriculture's Climate Change Policy and NDC in the national context

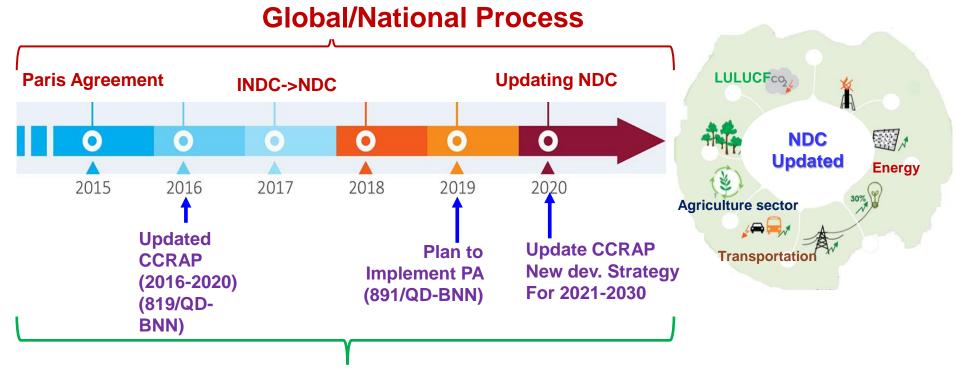


Action identification, prioritization and selection Potential impact

assessment

- Policies
- Institutional arrangements
- International commitments
- Cost effectiveness (MACC, CBA)
- Scalability
- Co-benefits & economically feasible
- Be able to do MRV/M&E (SMART)
- Technical soundness
- Economic impacts
- Social impacts (food security, gender, vulnerable)
- Environmental

List of NDCs measures (actions) of agriculture sector being included in the Country's NDC updated



Agriculture planning & integration

MARD'S INTEGRATION INTO NATIONAL PLANNING FRAMEWORK

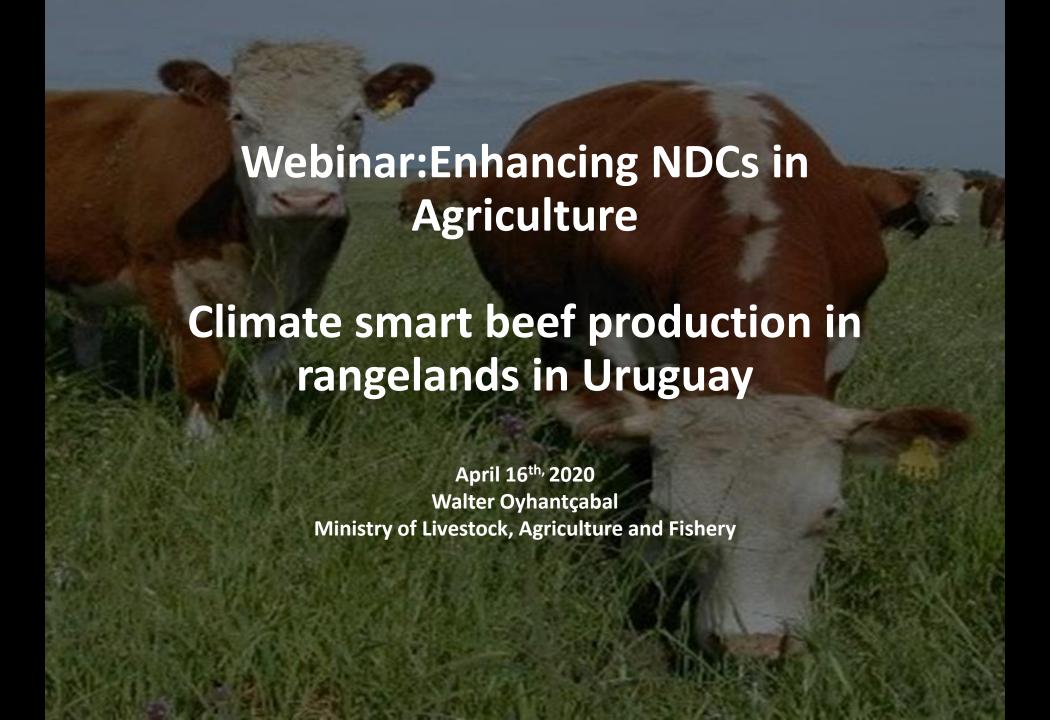
PROPOSED MITIGATION MEASURES FROM AGRICULTURE SECTOR IN COUNTRY'S NDC BEING UPDATED

ID	Main GHG (SLCP) mitigation measure groups	Examples of specific measures		
1	Water management and methods for paddy rice cultivation	AWD, SRI, 1M5Rs, changing rice- crop patterns, nitrogen fertilizer application etc.		
2	Water management and crop management for the crops other than paddy rice	Water saving irrigation, intercropping,		
3	Manage, recycle and reuse crop residues and by-products	Reuse rice/coffee husks, no burning savannas, straw recycling, bio-char production		
4	Livestock manure management	Bio-gas, composting, producing organic fertilizers		
5	Changing feed, controlling rumen fermentation, mixing animal feed	Increasing digestive process, balance N/C feed mix		
6	LULUCF	REDD+, agroforestry, long rotation plantation		

Conclusions

- The results provided from TAs supported projects like CCAC, FAO, UNDP, GIZ etc. projects are very helpful in terms of providing scientific bases for selecting feasible mitigation options of agriculture sector being included in the NDC of Vietnam.
- Consistency in selecting priorities across different planning frameworks and policy initiatives in order to make informed decisions to include the most cost effective, high co-benefit, economically feasible and technically sound mitigation measures in NDC
- Stakeholder involvements and coordination at all levels, especially farmers and private sector.
- Resource mobilization and cooperation domestically and internationally are crucial in implementing and achieving mitigation targets

Walter Oyhantcabal Ministry of Livestock, Agriculture and Fisheries, Uruguay



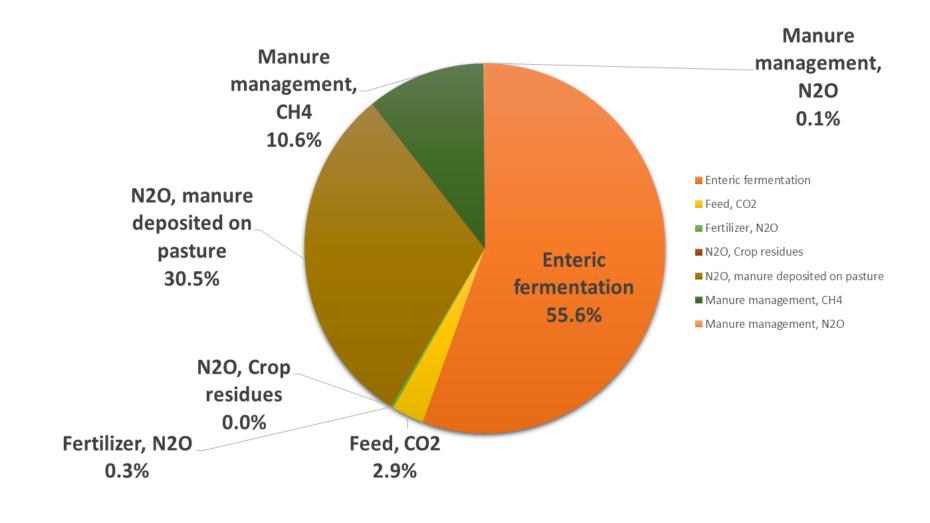
• Uruguay is a livestock country with an economy strongly based on the agricultural sector (70% of all exports).



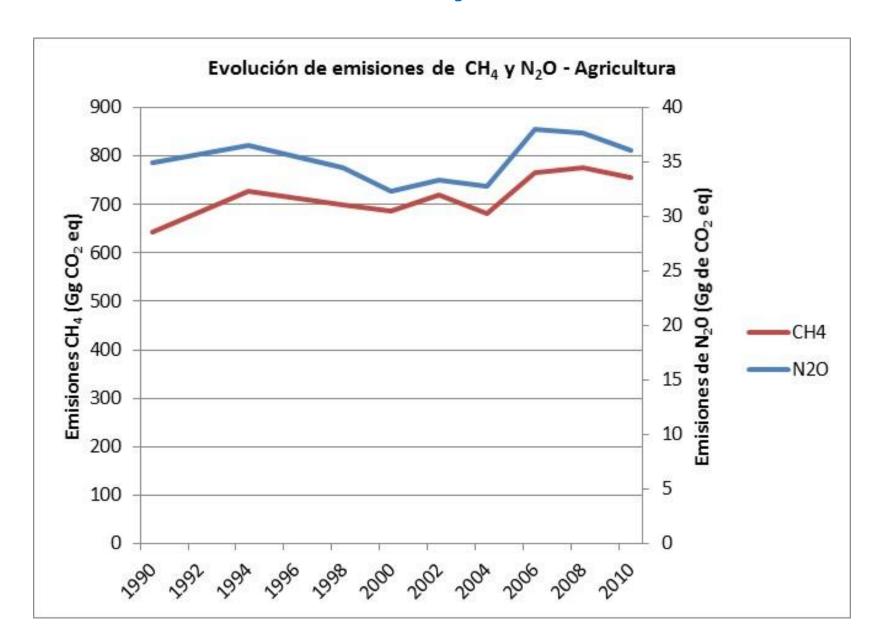
Uruguay's NDC: explicit mitigation targets in terms of emissions intensity in the beef sector (per kg beef)

	2025 vs. 1990 own effort	2025 vs 1990 with MOI
CH ₄	32% less	37% less
N ₂ O	34% less	38% less

Sources of emissions in Agriculture



NGHGI as a key MRV tool



Uruguay: National Livestock Information System







High quality updated Activity Data



100%
traceability
of the
cattle herd,
with
electronic
and visual
tags

Annual electronic sword declaration by all farmers

 Stock: number of heads by category = updated AD (very low uncertainty)

 Land use Diet composition and quality, as basis for estimating sub-national dynamic
 Tier 2 EF

IPCC Dynamic Tier 2 methods for Enteric fermentation

 Using spatially disaggregated information on cattle herd by category and diet quality and composition.

 C-S EF for enteric fermentation, including Tier 2 MCF Avence + 20X

Estable ± 20X

• Tier 2 N₂O from manure on grasslands Restriction 2 201

Use of FAOSTAT tools for QA/QC

Composition of our T2 so far...



Digestibility: literatura + yearly land use statistics



Pregnacy rate: early surveys



Live weight: slaughterhouse statitics + expert judgement + farms registers



Weight gain: expert judgement+farms registers



Etc.



Etc.

Our strategy

PRODUCTION EFFICIENCY AND PRODUCTIVITY IN BEEF PRODUCTION SYSTEMS, SEQUESTERING C IN SOILS AND BIOMASS (WHERE POSSIBLE)

Challenges related to MRV removals in grasslands

 There is a need of reliable methodologies and protocols for monitoring SOC stocks changes (recognizing that scaling up of SOC stocks from point sample to landscape units is problematic due to high spatial variability).

 Inclusion of woody biomass (silvopastoral systems, shade and shelter, etc.) can decrease the net emissions.



Climate-smart livestock production and land restoration in the Uruguayan rangelands

Platform for learning and validating for upscaling: GEF and CCAC co-funded, assisted by FAO

Goals for the climate smart project with GEF-FAO in Uruguay

 To mitigate climate change and to restore degraded lands.

 To evaluate the economical, social and environmental impacts and barriers of the alternative management in order to scale up the proposal.

Project targets

• 60 farms (35,000 ha) of direct project intervention (and 400,000 ha of indirect project impact).

• A range of 100,000 to 300,000 tons CO_2 eq tons of GHG directly mitigated, and ca. 1 to 3 million tons CO_2 equivalent indirectly mitigated .

Component	Output
1: Strengthening the institutional framework and national capacities to implement the climate smart livestock management (CSLM)	 A national CSLM strategy, designed and validated with key stakeholders. NAMA and the MRV system for the beef sector. Detailed estimates of GHG emissions intensity reduction and soil C sequestration. (CCAC to support CH4 MRV) Capacities to support implementation of CSLM, including gender perspective. A training program to supporting the rolling out of improved CSLM approaches.

Component	Outputs
2: Development and deployment of CSLM technologies and practices at field level.	 Short and medium-term farm level strategies implemented on 60 project farms with a gender perspective. A capacity development program focused on the application of the CSLM technologies and practices. On-farm monitoring system, in place (to monitor GHG emissions, adaptation strategies, financing, land degradation and biodiversity).

Component	Output
3: Monitoring, evaluation and knowledge-sharing	1. Set of manuals and media products for improved CSL measures and technologies, for use by extension workers and producers.
	 Project Monitoring & Evaluation Plan. Knowledge-sharing with other countries and dissemination of verifiable data and tested methodologies.
	4. Project Mid-term review and Final Evaluation.
	5. Communication Strategy, implemented.

In summary: expected benefits of CSLM

- Productivity and income: higher and more stable.
- Reduced GHG emissions intensity
- C sequestration in soils and biomass.
- Positive effects on biodiversity
- More resilience
- Technologies successfully demonstrated, deployed, and transferred
- Enabling policy environment and mechanisms created for technology transfer

SELECTED INTERVENTIONS FOR URUGUAY

1. Increasing forage allowance: 90% herd is managed on natural pastures

better management of forage resources by matching available forage resources to animal requirements

2. Inter-seeding pasture with grass ____ legumes

improving quantity and quality of the basal diet

3. Sowing grass legume mixtures and annual fodder crops

- native pastures over sown with legumes to increase pasture yield and quality

4. Strategic feeding & supplementation

overcome winter and summer deficits

 winter and summer supplementation address energy and protein constraints during periods of low availability and quality

Dietary flushing

timing of mating to match nutritional requirements of herd to the seasonal pasture supply pattern

5. Controlled breeding: defined mating season

genetic management to improve reproductive traits

6. Genetics:

 Heterosis, new breeds, genetic improvement

Final messages

- Co-benefits (or win-win) approaches are a powerful approach to enhance Agriculture in NDCs.
- MRV of mitigation actions and M&E of adaptation is crucial and challenging.
- Stregthening research and extension is key.
- Stakekolders involved from the beginning.
- Means of implementation are required.
- We are all learning by doing: learning together is faster
- International and regional platforms are fundamental to share and collaborate among countries and institutions



Martial Bernoux Food and Agriculture Organization

Cecilia Jones Ministry of Livestock, Agriculture and Fisheries, Uruguay



FAO's work on NDCs and agriculture

Martial Bernoux
Climate and Environment division

Cecilia Jones Ministerio de Ganadería, Agricultura y Pesca, Uruguay





Ministerio de Ganadería, Agricultura y Pesca



FAO is fully engaged on the Climate Change agenda



As part of its Strategy on Climate Change, FAO actively engaged to support countries on the different aspects related to their NDCs

http://www.fao.org/3/a-i7175e.pdf

FAO's support NDCs on Agriculture

A snapshot on 4 examples

- Analysis: from Global to Regional analysis, identifying gaps and opportunities
- TWG: Country-to country exchanges and sharing experiences and knowledge
- Country supports (Uruguay example)

FAO engaged in providing its members countries with relevant background and knowledge

From global stocktake



To regional analysis of gaps and opportunities



http://www.fao.org/climate-change/our-work/what-we-do/ndcs/en/

FAO engaged in providing its members countries with relevant background and knowledge

Developing a methodology to work on Agriculture sectors

NDC



Linking the NDCs with SDGs



ASSESSING THE ROLE
OF AGRICULTURE AND LAND U
IN NATIONALLY DETERMINED
CONTRIBUTIONS

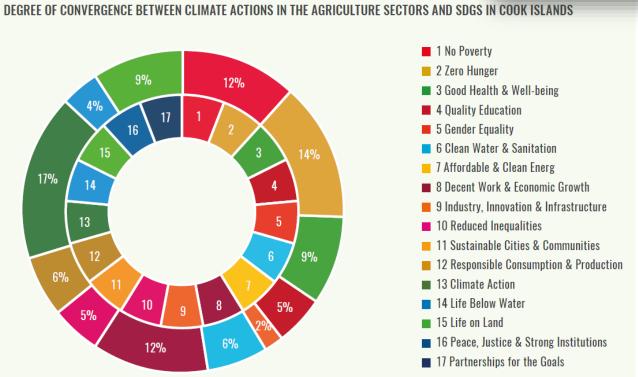
http://www.fao.org/3/CA554 3EN/CA5543EN.pdf

A methodology

Food and Agriculture Organization of the United Nations

LINKING NATIONALLY DETERMINED CONTRIBUTIONS AND THE SUSTAINABLE DEVELOPMENT GOALS THROUGH AGRICULTURE A methodological framework

http://www.fao.org/3/ca5003en/ca5003en.pdf



The Thematic Working Group on Agriculture, Food Security and Land Use

- Since 2017, FAO has been facilitating the TWG on Agriculture, Food Security and Land Use under the umbrella of the NDC Partnership.
- Two co-chairs: Uruguay and Australia
- An annual meeting of TWG members defining the agenda
- Supported by the Federal Ministry of Economic Cooperation and Development (BMZ).
- Currently over 40 member countries and EU, and member institutions (UN systems, International Organizations, other





institutions).





The Thematic Working Group on Agriculture, Food Security and Land Use

E-Discussions

Members share experiences and consult each other through the TWG Dgroup and FAO facilitates discussions on related topics and share updates through this forum.

Online learning events

Webinars with expert interventions and country experiences related to the e-discussion or other topics.

Peer-to-peer exchanges

Informing and sharing updates on the international agenda such as the Koronivia Joint Work on Agriculture

WILDFIRES AND NDC IMPLEMENTATION: results from an e-discussion of the Thematic Working Group on agriculture, food security and land use

Friday 6 December, 10.30-11.30 NDC Partnership Pavilion

Organized by Mongolia and CIFOR/FTA, with the support of FAO

Towards ambitious and inclusive NDCs: integrated water resource management in Namibia

Thursday 5 December, 13:30-14:30 NDC Partnership Pavilion

Organized by Namibia, with the support of FAO

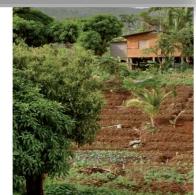
Agriculture and Land Use Sectors in Latin American and the Caribbean NDCs: identifying gaps in mitigation and adaptation policies, and promoting participative solutions

THURSDAY 5 DECEMBER, 12:00-13:00 NDC PARTNERSHIP PAVILION

Organized by FAO, UNDP, and Representatives of the Government of Uruguay, Colombia and Guatemala







Joint events

The Thematic Working Group on Agriculture, Food Security and Land Use

Country case studies

Zimbabwe



good practices in implementing agricultural components of the Nationally Determined Contributions

Developing a climate-smart agriculture manual for university and professional level agricultural education in Zimbabwe









The impacts of dimate change on agricultural production systems in 2 mbabwe are threatening food and nutrition security throughout the country. Extreme weather events such as droughts have become more frequent and intense

With the overall goal to improve agricultural productivity and enhance national food security, Zimbabwe has set climate change adaptation in the agriculture sectors as a To achieve this goal, Zimbabwe is focusing its efforts on improved irrigation, the promotion of resilient cropping and livestock practices, agroforestry-based adaptation

and climate-smart agriculture (CSA), which can also bring mitigation co-benefits.

causing heat and water stress to natural ecosystems, crops

Morocco



Tackling climate change while achieving sustainable development goals: arganiculture in Morocco



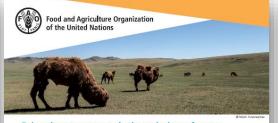
Background

In recent decades, Morocco has experienced substantial economic and social development. Such exposure is generating a particular pressure on natural resources, and is expected to accelerate the loss of yields in ragile areas, notably oasis ecosystems and argan trees orests. These ecosystems are vital to subsistence for conomically vulnerable populations, and are essentia allies in the protection of natural resources and the fight against desertification. Furthermore, Morocco is the universal depositary of the argan tree, and the United Nations Educational, Scientific and Cultural Organization (UNESCO) labeled the argan tree's geographic range as the Argan Biosphere Reserve (RBA) in 1998. The density of argan trees has decreased significantly in the last century, and the intensifying pressure on the natural argan forest may further threaten the broader piodiversity of the Acacia-Argania eco-region, in which argan tree is the predominant species.

With the increasing international demand for argan oil products, the Government of Morocco identified a opportunity to both tackle the adverse effects of climate change and achieve sustainable development goals by romoting the conservation and enhancement of arga

This case study investigates Morocco's approach to preserve fragile argan ecosystems affected by climate change, while promoting economic growth. The study brings practical examples of this strategy from the

Mongolia



Enhancing transparency in the agriculture, forestry and other land use sector for tracking Nationally **Determined Contribution implementation in Mongolia**

Background

Mongolia is a landlocked country with a climate characterized by high fluctuations in temperature and precipitation throughout the year. Cropland and grassland accounts for about 73 percent of the country's total surface area, and its economy is mainly based on pastoral animal husbandry, rain fed agriculture and forestry. Traditional livelihood is therefore directly dependent on natural resources and ecosystem services making Mongolia highly vulnerable to climate change. According to Mongolia's Third National Communication to the United Nations Framework Convention on Climate Change (UNFCCC) published in 2018, the agriculture sector was responsible for 48 percent of total green gas emissions at the national level (excluding land use). and recent studies indicate that due to sharn increase in livestock production, emissions have since grown considerably. Altogether, the agriculture, forestry and other land use (AFOLU) sector plays a significant role in Mongolia's efforts to mitigate and adapt to climate change and this is reflected in the country's Nationally nined Contribution (NDC). Nevertheless, Mongolia's measurement, reporting, and verification (MRV) capacitie are currently under-developed for this sector, resulting in the usage of different definitions, methodologies for calculating greenhouse gas (GHG) emissions and sources o activity data at the same time, creating large uncertainties. This poses a challenge to the reliable reporting of progress made in implementing NDCs, but most importantly, it

Uruguay

The case study hereby presented examines the importance of transparency in the implementation and monitoring of NDCs and how improved monitoring and reporting systems are key to better address climate change impacts on the AFOLLI sector, Practical examples are presented from the in early 2019 and is expected to run until 2022



Reducing emissions intensity and improving natural resources management through livestock in campo natural in Uruguay

SECTORS INVOLVED







Background

Uruguay's livestock sector is very vulnerable to climate change, as it depends on the productivity of the rainfed natural grassland. Extreme weather events, including droughts, are expected to become more frequent and intense in the future, resulting in increased losses and

The agriculture sector accounts for 73 percent of national greenhouse gas (GHG) emissions in Uruguay. In particular, the livestock sector is responsible for 86 percent of total methane emissions and 93 percent of emissions in the agriculture sector. Unsustainable management of cattle production over large rangelands areas, in particular overgrazing, has led to ongoing land degradation.

Cattle ranching in Uruguay is characterised by low productivity.1 particularly among small and medium sized family farms. The pastures and rangelands are overgrazed: high stocking rates combined with low grass height and low leaf area index lead to poor forage availability and quality. This triggers low productivity at animal and herd level, especially related to reproductive performance and daily weight gain. For example, poor feed availability causes low pregnancy and birth rates. The national average weaning rate per mated cow is only 63 percent, meaning that there is a large number of economically unproductive cattle on the pastures,

Kg beef produced per he per year

² For the period 1999-2010 (DIEA-MGAP, 2014 Yearbook, 2014).

URUGUAY'S NDC COMMITMENT/ **SOAL IN THE AFOLU SECTOR**

- Adoption of good practices of natural grassl: nagement and management of breeding herds in estock production, including the supply of forage
- alternate wetting and drying (AWD) of soils in at least 10 percent of the rice crop area (16 000 ha) by 2025.

- Adoption, by 2025, of good practices of natural land

so called 'breeding overhead'. Furthermore, the poor grazing and feeding conditions negatively affect animal

Country supports (examples)

CAEP – NDC Partnership Climate Action Enhancement Package

- FAO resources & additional 2.2 million USD from a dedicated Technical Assistance Fund
- NDC enhancement and implementation, at least 19 countries by Q1 2021

NDC-Country Support through FAO Technical Cooperation Programme (TCP)

African
Linion

Examples Regional TCP with African Union Commission

Capacity-building Initiative for Transparency (CBIT)

Examples: CBIT-Afolu and several national projects

SCALA - Scaling up Climate Ambition on Land Use and Agriculture through Nationally Determined Contributions and National Adaptation Plans





- €20 million
- 6 years (2020-2025)
- at least 12 countries
- Co-led by FAO and UNDP
- Funded by the German Ministry of Environment, Nature Conservation and Nuclear Safety (BMU)

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Uruguay - NDC Enhancement

- Uruguay's NDC sets ambitious mitigation and adaptation contributions
- Includes goals by sector AFOLU commits to reduction in intensity of emissions in meat, reduction of emissions in dairy effluents and croplands and increase/maintain C sequestration in forests and soils.
- In 2019 the country developed a yearly public MRV system to help track progress and provide transparency.
- Uruguay is receiving support from FAO to strengthen the MRV system and make progress on the development of indicators and baselines.

Uruguay - National Adaptation Plan -Agriculture

- National planning for adaptation is one of the goals of the NDC.
 Uruguay participated on the NAP-Ag global program.
 - Launched its NAP-Ag in September 2019.
 - 2025 Action Plan Actions that support adaptation and contribute to national mitigation efforts
 - M&E of the NAP-Ag and MRV of the NDC overlapping indicators.



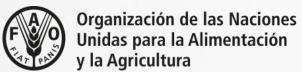
The NAP-Ag was developed with the support of the Integrating Agriculture in National Adaptation Plans Programme (NAP-Ag) implemented by the Food and Agriculture Organization of the United Nations (FAO) and the **United Nations Development** Programme (UNDP) which is funded by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU).

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Thanks for your attention





Ministerio de Ganadería, Agricultura y Pesca

















y Presupuesto





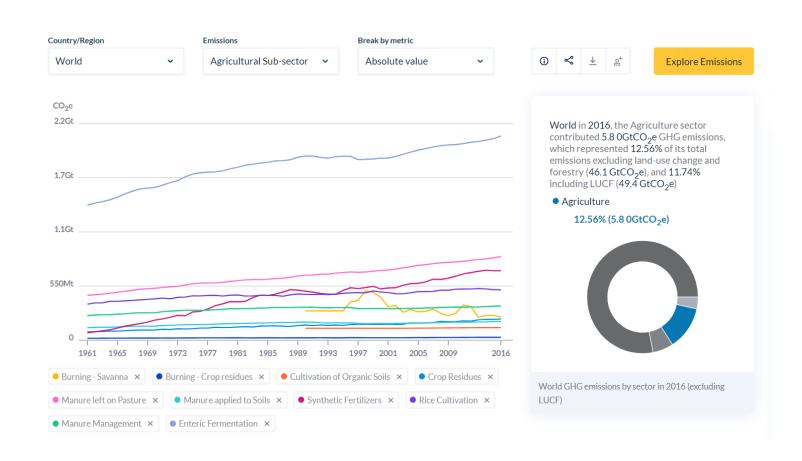


ANY QUESTIONS?

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