

RAISING AGRICULTURAL CLIMATE AMBITION

Rebecca Carter, WRI
Laurel Pegorsch, Oxfam America



Annual Meeting of the Thematic Working
Group on Agriculture, Food Security and
Land Use



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**CLIMATE &
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COALITION**
TO REDUCE SHORT-LIVED
CLIMATE POLLUTANTS

SEIZING OPPORTUNITIES FROM NDCs

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



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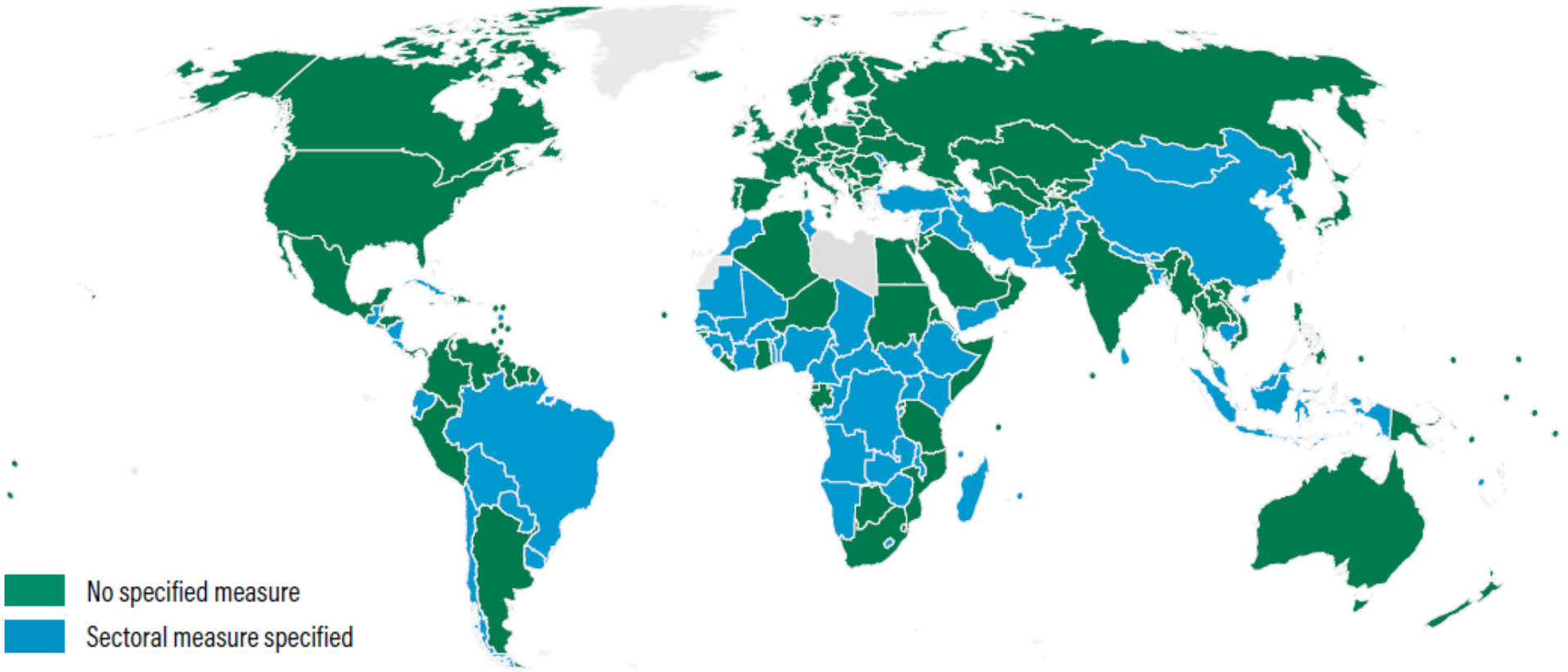


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AGRICULTURE IN FIRST ROUND NDCs - MITIGATION



Source: Climate Watch 2019b.



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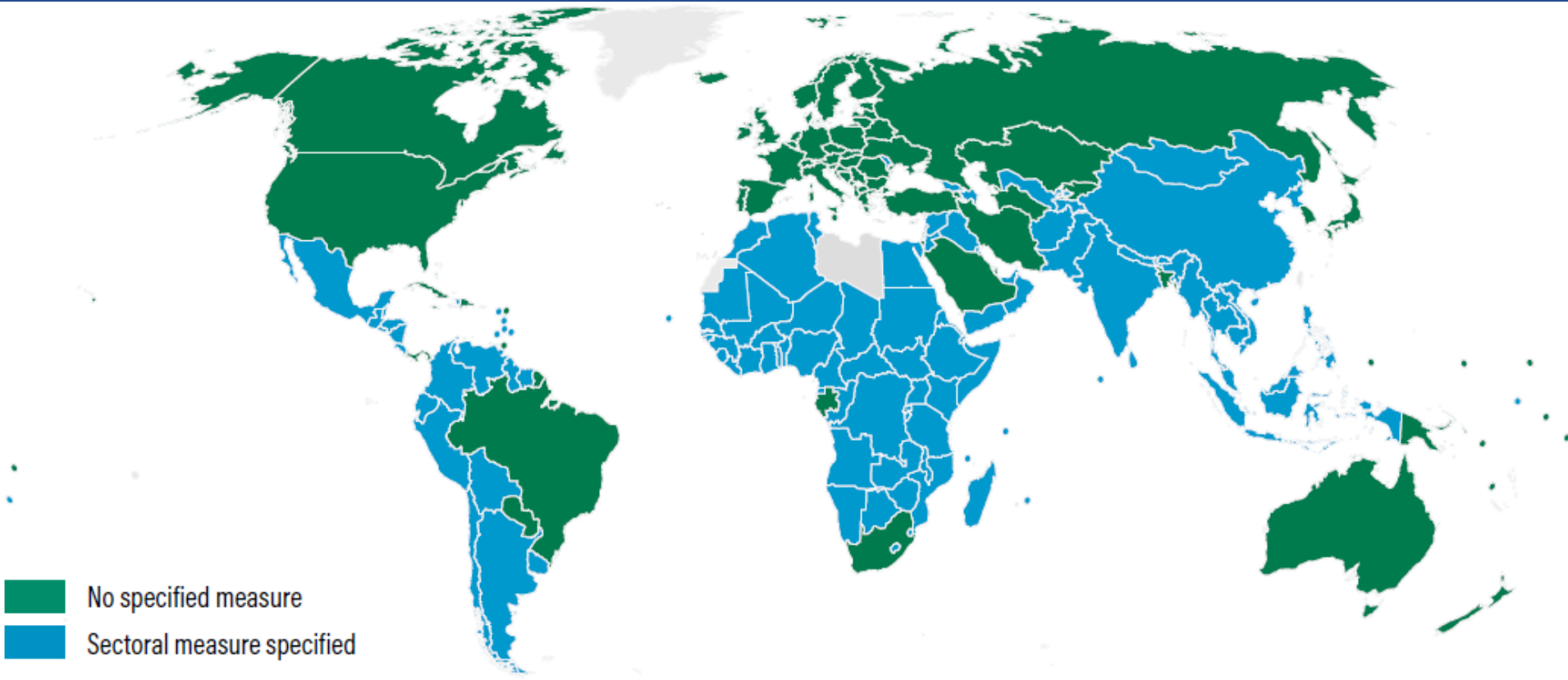


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AGRICULTURE IN FIRST ROUND NDCs - ADAPTATION



Source: Climate Watch 2019b.

WIN-WIN SOLUTIONS

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

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 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

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



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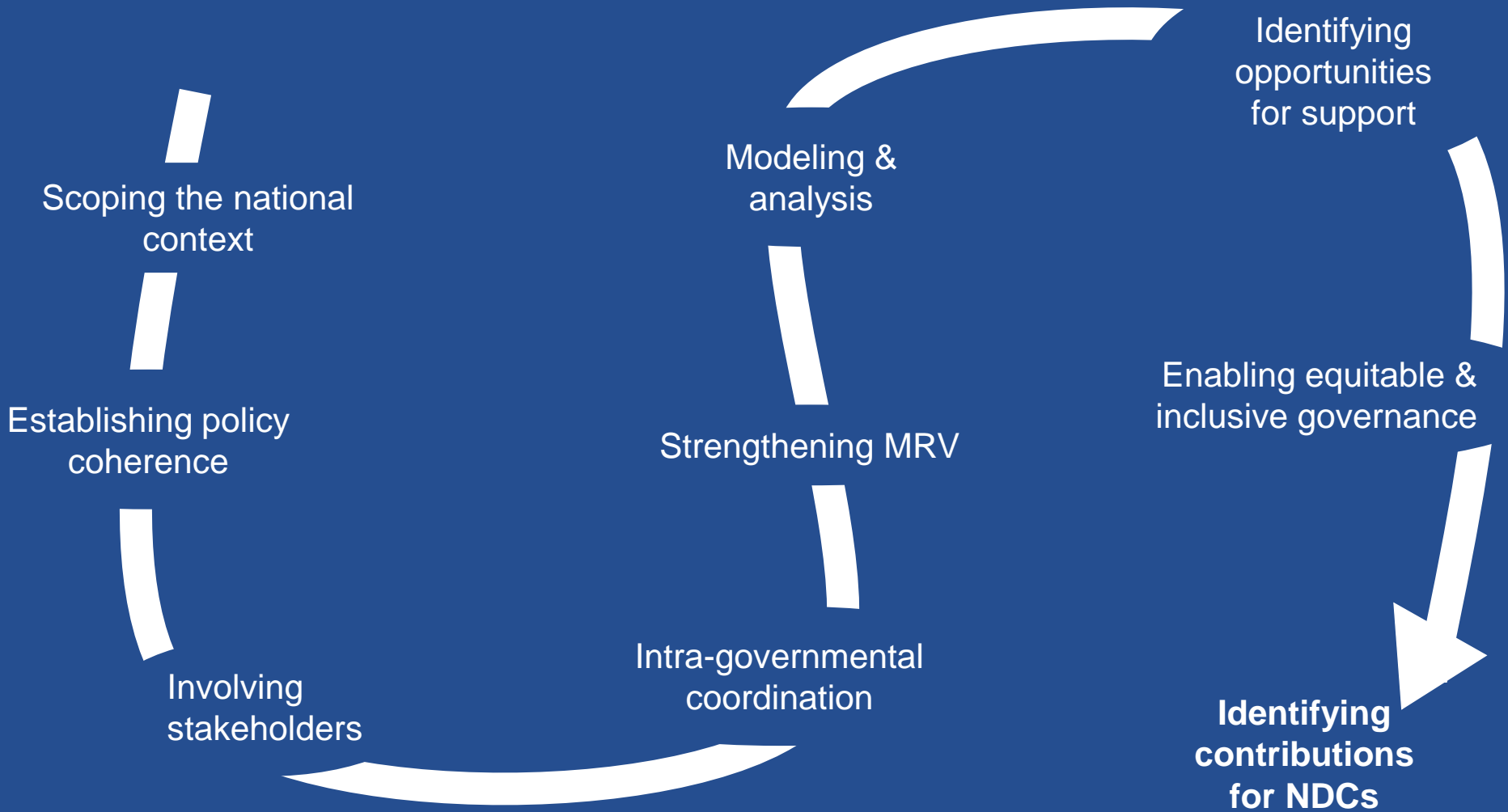


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AGRICULTURAL CONTRIBUTIONS FOR ENHANCED NDCs

Strengthened Implementation	Add Specific Policies and Actions	Incorporate Additional agriculture-Sector Action into an Emissions Target	Facilitate clarity, transparency, and understanding
<ul style="list-style-type: none"> Strengthened governance arrangements; More inclusive processes; Introduction of mechanisms to mobilize finance for NDC implementation; Greater alignment with development plans. 	<p>E.g.:</p> <ul style="list-style-type: none"> Improve soil and water management; Improve manure management; Reduce food loss and waste; Shifts to healthier and more sustainable diets. 	<ul style="list-style-type: none"> Strengthen/ create a new economywide reduction target Strengthen/ create a new sector reduction target. 	<p>Description of, e.g.:</p> <ul style="list-style-type: none"> Assumptions; Processes; How actions will benefit small-scale farmers and the most vulnerable.

FOUNDATIONS FOR ACTION



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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 people 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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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 eventually be published in another form and their content may be revised.

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<https://www.ccacoalition.org/en/resources/enhancing-ndcs-opportunities-agriculture>

OR CONTACT:

Rebecca Carter
Rebecca.carter@wri.org

Laurel Pegorsch
Laurel.Pegorsch@oxfam.org



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