It’s time for more action!

Programme
10–12 Dec. COP24 Katowice
Pacific & Koronivia Pavilion
Pavilion E, Ground Floor
Why Act!on Agriculture?

The contribution of agriculture and food production to global emissions reductions offers an opportunity as great as the challenge. Countries are working to find solutions to the problem of how to produce sufficient food for a growing population, maintain resilient economies, while reducing emissions from agricultural production. The context for each country is different – the role that agriculture plays in its economy, the range of products produced and the agro-climatic conditions faced. But countries are united in recognising the critical role farmers and other actors along the supply chain play in producing and supplying food in the most efficient way with the least harm to the environment.

The Paris Agreement provides a framework for individual countries to set targets for transitioning towards a low carbon economy. Success in making this transition will require a combination of existing and future technologies, knowledge, funding and collaboration.

About the Act!on Agriculture Event

Over three days Act!on Agriculture will explore how governments, agriculture businesses and others are pushing the frontier of agriculture transformation. We will highlight specific opportunities, proven best practices, and realistic possibilities for increasing agricultural productivity, mitigating agricultural emissions, and strengthening agricultural resilience in cost-effective ways. We will bring these to life through real-world examples from both developed and developing countries.

Ultimately we want to catalyse action on sustainable agriculture to achieve the ‘triple win’ – increased agricultural productivity, reduced greenhouse gas emissions, and strengthened resilience to climate change impacts. These outcomes are critical to improving food security for the world’s vulnerable communities, producing more food for a growing world population, and achieving the Paris Agreement’s adaptation and mitigation goals.

Act!on Agriculture is bought to you by New Zealand, France, Australia, Ireland and the Netherlands.
Get set — you’re about to see world experts and practitioners inspiring sustainable agriculture.

Join the conversation
@ClimateEnvoyNZ
#ActionAgriculture
Monday
1.30pm – 2.30pm  Ministerial opening
2.45pm – 4.15pm  Farmers working towards lower emissions

Tuesday
12.15pm – 2.00pm  Agriculture development for climate benefit
2.15pm – 3.15pm  Scaling-up agroecology: its performances and potential
3.30pm – 4.45pm  Market demand for sustainably produced food
5.00pm – 6.00pm  Farmers working towards lower emissions

Wednesday
10.45am – 12.15pm  Agroecology: what it encompasses and how it is implemented
3.15pm – 4.15pm  Building capability in agricultural measurement, reporting and verification (MRV)
4.30pm – 6.00pm  Raising the ambition of agriculture in NDCs: 2020 and beyond
Monday 10 December
1.30pm – 2.30pm

Ministerial opening

The Paris Agreement has a collective aim to limit temperature rise from climate change. It recognises the importance of food production and food security as a fundamental priority. Across the world, countries are responding by encouraging greater efficiency of food production in ways that limit greenhouse gas emissions. In this session, ministers will discuss some of these challenges, to begin to understand the role the agriculture sector can play in achieving the aims of the Paris Agreement.

Welcome:
Hon James Shaw,
Minister for Climate Change

Keynote:
Theo de Jager, President,
World Farmers’ Organisation
Ministers will be joining Minister Shaw for the discussion.
Farmers working towards lower emissions

Farmers the world over want to improve their livelihoods, build resilience to the impacts of climate change and reduce their emissions. They want to grow the best, most nutritious food they can. Farmers and governments acknowledge that they are not necessarily well equipped to achieve this. Disseminating information to millions of farmers around the world is a considerable challenge. One of the best ways to meet this challenge is for farmers to get together and share stories of what they are doing – in other words, learn from each other.

Facilitator:
David Burger,
Strategy and Investment Leader
Responsible Dairy, Dairy NZ

Panel:
Craige McKenzie,
Founder & Director, Agri Optics,
New Zealand
Turi McFarlane,
Nuffield Scholar, New Zealand
Ben O’Brien,
European Regional Manager,
Beef + Lamb New Zealand
Christopher Brankin,
Policy Adviser Strategy and Influence,
Te Rūnanga o Ngāi Tahu, New Zealand
Monday 10 December
4.30pm – 5.30pm

Resilient, productive, efficient: Pacific agriculture under the Paris Agreement

The agriculture sector makes up over half of Pacific Island employment, and agricultural products make up a higher share of Pacific Island trade than in any other region on earth. New technologies, techniques and practices that are tailored for the Pacific can build productive and resilient agricultural systems while reducing emissions. This session will bring together scientists and farmers to discuss how Pacific agricultural systems can thrive in an emissions-constrained world.

Moderator:
Margarita Astralaga, Director, Environment Climate Gender and Social Inclusion Division, International Fund for Agricultural Development

Presenters:
Lee Nelson, Research Programme Manager Climate Change, Australian Centre for International Agricultural Research
Iwona Piechowiak, Programme Leader for Sustainable Forests and Landscapes Pillar, Pacific Community, Fiji

Ulamila Lutu, Senior Research Technician, Centre for Pacific Crops and Trees, Pacific Community, Fiji
Gibson Susumu, Programme Leader, Sustainable Agriculture Programme, Pacific Community, Fiji
Minoru Nishi Jr, Managing Director, Nishi Trading Company, Tonga
Susana Yalikanacea, Farmer, Fiji
Jabujka Aikne, Farmer, Republic of the Marshall Islands
Tuesday 11 December
12.15pm – 2.00pm

**Agriculture development for climate benefit**

Many farmers in developing countries face significant barriers to maintaining secure livelihoods. Now farming and development investment must focus on the ‘triple win’: increasing productivity while reducing emissions and building resilience to the effects of climate change. But how? This session presents case studies analysing the greenhouse gas impact of agriculture development projects from the Fijian and Colombian dairy sectors to Vietnamese rice producers. A panel will provide insights on how agriculture development investment can play a more effective role in achieving the triple win.

**Facilitator:**
Bruce Campbell, Director, CCAFS programme of CGIAR

**Presenters:**
Liz Wedderburn, Assistant Research Director, AgResearch, New Zealand
Justin Kosoris, Consultant to AgResults Secretariat, Australia
Lini Wollenburg, Low Emissions Development Flagship Leader, CCAFS programme of CGIAR

**Panel:**
Jessica Bensemann, Development Manager Agriculture, New Zealand Ministry of Foreign Affairs and Trade
Lee Nelson, Research Programme Manager Climate Change, Australian Centre for International Agricultural Research
Paxina Chileshe-Toe, Climate Change Adaptation Specialist, International Fund for Agriculture Development
Dr Chu Van Chuong, Deputy Director General, International Cooperation, Ministry of Agriculture and Rural Development, Vietnam
Juan Lucas Restrepo, Chief Executive, Agro-Savia, Colombia (by video)
Scaling-up agroecology: its performances and potential

Agroecology allows farmers to achieve production, environmental, social and sanitary standards. What are the key challenges and opportunities to scale it up? This session will describe how agroecology performs and will share real-life experiences of scaling up.

Opening:
Didier Guillaume, Minister of Agriculture and Food, France (by video)

Presentation:
Alain Peeters, Secretary of Agroecology Europe, RHEA Research Centre

Round table discussion:
Patrice Burger, President, CARI
Pierre Rousseau, Senior Strategic Adviser for Sustainable Finance, BNP Paribas
TBC, Carrefour Poland, Food and Agriculture Organization
Tuesday 11 December
3.30pm – 4.45pm

Market demand for sustainably produced food

The market is signalling that sustainable production will become an increasingly important pre-requisite for entry to higher value markets. Many retailers and food service businesses have publicly committed to sourcing all of their food from sustainable sources. These businesses can only deliver on their promises if their suppliers process in a sustainable manner and source from primary producers who also have sustainable production at the centre of their operations. In this session, a global food company will outline its requirements in relation to sustainable sourcing. The session will address changes in consumer behaviour, evolving trends towards sustainable living, and Ireland’s response to the challenge.

Facilitator:

John Muldowney, Agriculture Inspector, Department of Agriculture, Food and Marine, Government of Ireland

Presenters:

Grace Binchy, Trends & Insight Specialist, Bord Bia – The Irish Food Board

TBC, Representative from multinational food company

Michael Maloney, Director of Origin Green Programme, Bord Bia – The Irish Food Board
Tuesday 11 December  
5.00pm – 6.00pm  

Farmers working towards lower emissions

Farmers the world over want to improve their livelihoods, build resilience to the impacts of climate change and reduce their emissions. They want to grow the best, most nutritious food they can. Farmers and governments acknowledge that they are not necessarily well equipped to achieve this. Disseminating information to millions of farmers around the world is a considerable challenge. One of the best ways to meet this challenge is for farmers to get together and share stories of what they are doing – in other words, learn from each other.

Facilitator:  
Ben O’Brien, European Regional Manager, Beef + Lamb New Zealand

Panel:  
Katie Milne, National President, Federated Farmers, New Zealand  
David Burger, Strategy and Investment Leader Responsible Dairy, Dairy NZ  
Conor Mulvihill, Director, Dairy Industry Ireland  
Pip Band, Industry Sustainability Framework Manager, Meat and Livestock Australia
Agroecology: what it encompasses and how it is implemented

The aspiration to move towards agroecology has been included in the French Law for the Future of Agriculture, Food and Forestry adopted in 2014. Agroecology aims to improve the synergies between adaptation, mitigation and food security by using nature-based solutions such as sustainable use of biodiversity water. This session will describe the contribution of agroecology to climate change mitigation and adaptation, and share experiences from several countries.

Opening: Didier Guillaume, Minister of Agriculture and Food, France (by video)

Scene setting: (TBC) José Graziano da Silva, Director-General, Food and Agriculture Organization

Presenters: (TBC) Jean-François Soussana, Vice-President International Policy, INRA Science and Impact, Food and Agriculture Organization
Building capability in agricultural measurement, reporting and verification (MRV)

Agricultural emissions are significant for many countries owing to the importance of the agriculture sector in their economies.

Technical mitigation potential in the agricultural sector is high, however many countries cannot transparently monitor the emission reductions they achieve through productivity gains and more efficient farm management because national greenhouse gas inventory reporting systems and supporting data are insufficiently developed.

This session will demonstrate the importance of improved MRV of agricultural greenhouse gas emissions, including for soil organic carbon. It will look at efforts being made at the international and country level to enable the agriculture sector to contribute to the effective implementation of the Paris Agreement.

Facilitator:

**Hayden Montgomery,**
Special Representative, Global Research Alliance on Agricultural Greenhouse Gases

Presenters:

**Hugh Martineau,** Agriculture Business Area Manager, Ricardo Energy & Environment, United Kingdom

**Karl Richards,** Head of Environment, Soils and Land-Use Department, Teagasc, Ireland

**Lini Wollenberg,** Low Emissions Development Flagship Leader, CCAFS programme of CGIAR
Wednesday 12 December  
4.30pm – 6.00pm

**Raising the ambition of agriculture in NDCs: 2020 and beyond**

Global food insecurity is increasing. Indicative figures suggest the agriculture sector is tracking to achieve only 21-40% of the 1Gt emissions reductions needed annually from the sector to meet the Paris Agreement’s objectives. Nationally Determined Contributions (NDCs) provide opportunities to effect change to reduce greenhouse gas emissions and improve livelihoods. Hear what experts are considering to kick start efforts to raise ambition within the agricultural sector for mitigating emissions ahead of the 2020 NDC review period.

**Facilitator:**  
*John Carnegie*, Executive Director  
Energy & Infrastructure, BusinessNZ, New Zealand

**Presenters:**  
*Manish Bapna*, Executive Vice President, World Research Institute  
*Ben O’Brien*, European Regional Manager, Beef & Lamb New Zealand

**Panel:**  
*Martien Van Nieuwkoop*, Director of Global Agriculture, World Bank  
*Ignacio Lorenzo*, Director of Climate Change, MGAP, Uruguay  
*TBC*, World Farmers’ Organisation

**Closing:**  
*Hayden Montgomery*,  
Special Representative, Global Research Alliance on Agricultural Greenhouse Gases
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