



THE 10TH **national carbon farming**
CONFERENCE & EXPO: 2022

HOST



PARTNER



PRELIMINARY PROGRAM

The program will be updated progressively as topics and speakers are confirmed.

Much more than a conference – over these 4 days, you will get a full education, NOT available anywhere else. You will be equipped with all you need to make decisions around the new Carbon and Biodiversity Markets and your Farm.



MONDAY 23 MAY – PRE-CONFERENCE EVENTS

🕒 1 pm-5 pm

📍 Albury Entertainment Centre – Theatrette

CARBON FARMING 101 WORKSHOP

👤 Tony Hill, Land to Market Australia and Louisa Kiely, Carbon Farmers of Australia

Want to get up to speed before the Conference? Get a handle on the language? This is a great Plain English Introduction... EG: what is a Method? – what is a Project? – what is a Carbon Farm Plan? How do I increase the carbon flows and biodiversity measurements on farm? What markets are there?

Land to Market Australia delivers Ecological Outcome Verification (EOV) in Australia as a designated Hub of the worldwide Savory Network. EOV is a breakthrough approach to monitoring and verifying whether the ecological health of farmland is improving or not. The robust verification data then gives businesses and consumers the opportunity to support healthy agricultural production through their spending choices, with the branding of Land to Market Australia. EOV data also provides farmers will robust information to support their management decisions, and understand the way that healthy ecosystems support soil carbon and biodiversity.

🕒 5:30 pm-7:30 pm

📍 Albury Entertainment Centre – Expo area

WELCOME EVENT

Mingle with Conference Speakers, Sponsors, Exhibitors, and Delegates. Enjoy delicious nibbles and wine whilst catching up with old friends and making new ones.

We also welcome Samantha Jewel as she introduces her brand new app for Carbon Farming: urth.io. Come and hear how it will contribute to the industry.



TUESDAY 24 MAY – CONFERENCE DAY 1

🕒 7:30 am-9 am

📍 Albury
Entertainment Centre
– Expo Area

Expo (now 39 trade displays!) and registration opens at 7:30am. Network with speakers, exhibitors, sponsors and other delegates. Great coffee carts sponsored by South Pole and FarmLab, settle in. Ask exhibitors what they can do for your bottom line.



We develop and finance projects around the world that reduce carbon emissions, protect biodiversity, and bring real benefits to local communities.



FarmLab was started in 2016 with the aim of digitising the earth's soil. Since then, we've created a platform to help agronomists, consultants and farmers better map, sample, and analyse soil using the latest in soil science and digital soil mapping techniques.

🕒 9 am-5 pm

📍 Albury
Entertainment Centre

THE 'FARM OF THE FUTURE' IS HERE

The 'farm of the future' is here. Prepare to be inspired at how farmers are being rewarded now in the Carbon and Biodiversity Markets. Expert Speakers, New Methods, International Markets. Learn what the future demand for Carbon Credits will be. Has COP26 improved market access for Farmers?

9am Sharp

INTRODUCTION

An inspiring and uplifting beginning — we set the scene for the conference by demonstrating the connection of all things. Artist Jenny Bell will present **A Carbon Story — an artist's eye**.

Then introductions to Session Moderators including Louisa Kiely (Director & CEO, Carbon Farmers of Australia), Lorraine Gordon (Southern Cross University), and Matthew Warnken (Managing Director, AgriProve: Soil Carbon Solutions). Welcome to Country, and an explanation of how the sessions will run.

SESSION ONE:

DOMESTIC AND INTERNATIONAL CLIMATE POLICY SETTINGS AND MECHANISMS, AND THE ROAD AHEAD

Moderator: Matthew Warnken, Agriprove

9:15 am

International and domestic climate change policy mechanisms and trading options update

🗣️ Brad Kerin, Carbon Market Institute

Update on the domestic Emissions Reduction Fund and the Climate Solutions Fund – the mechanism which allows Farmers to earn Australian Carbon Credit Units (ACCUs).

What is the role of the Paris Agreement – and COP26? Australia already has a \$2 billion Carbon Farming and Trading industry. What difference has COP26 made? Where to from here? What are the mechanisms? What opportunities does this mean for Australian Farmers? What is the role of the CMI?

9:30 am

Pioneering solutions supporting the circular economy and transitioning farmers and industry to net carbon zero

🗣️ Jennifer Lauber Patterson, Frontier Impact Group

Jennifer has a 30-year track record in climate solutions. Jen facilitated some of Australia's first carbon trades more than 20 years ago. Today she is working on integrating a whole of farm regenerative approach to carbon projects with her vision for regional bioenergy hubs and aims to produce zero-carbon fuels to boost regional fuel security. The first regional biorefinery will enter construction in Narrogin, WA, in early 2023 and will aim to regenerate a minimum of 50,000 hectares of land in the local region.

9:45 am

Working together to solve complex environmental challenges

🗣️ Lorraine Gordon, Founder Regenerative Agriculture Alliance, and Farming Together Project Director at Southern Cross University

The Regenerative Ag. Alliance believes collaboration is the key to the Regenerative Agriculture movement. The Alliance is bringing together the leading practitioners and researchers to address the issues facing Agriculture and the World today. Lorraine will update us on the importance of the Alliance and their current projects.

10 am

Meat & Livestock Australia

🗣️ Margaret Jewell, Carbon Neutral 2030 (CN30) Manager at Meat & Livestock Australia

MLA has a Target of being Carbon Neutral by 2030. We have invited them to present on how this will be achieved. Margaret is MLA's Carbon Neutral 2030 (CN30) Manager. She will cover pathways MLA have identified and what this means for landholders. Will landholders supply Credits to the MLA?

10:15 am

🗣️ Raphael Wood, Market Advisory Group

The world's carbon markets are a rapidly growing and dynamic space. The speaker will outline the basics of the demand side of the Australian carbon market that farmers may want to engage in. We will look at the various market drivers, pricing, the current scale of demand, and the emerging demands.

10:30 am

Session 1 Q & A

We'll be using Sli-do for questions, so get familiar if you haven't used it yet: sli.do. We will set you up at the conference as well.

10:45 am to 11:15 am

Morning Tea in the Expo Area (great tea and coffee and 38 trade displays!) These exhibitors are keen to answer all your carbon farming questions. Take your cuppa with you and ask all the hard ones!

SESSION TWO

SOIL CARBON: THE WORLD'S LARGEST CARBON SINK OVER WHICH WE HAVE CONTROL – HARNESSING ITS POTENTIAL

EVOLUTION IN METHODS/MEASUREMENT/TRADING REVEALED

MODERATOR: Louisa Kiely, Carbon Farmers of Australia

11:15 am

Soil carbon measurement requirements – evolution in action

🗣️ Andrew Gatenby, Carbon Link

Carbon Link was formed in 2007 with the vision of allowing farmers to get paid for improving their soils. They have expanded into research into the all-important measurement space. With the advent of the 2021 Soil Carbon Method, the push is on to lower implementation costs. Terry will outline advances in soil carbon measurement.

11:30 am

CSIRO Carbon Farming Discovery Tools update

🗣️ Cara Stitzlein, CSIRO

To help people explore possibilities for carbon abatement and biodiversity assessment, two CSIRO built tools will be presented. Designed to provide quick and useful estimates, these tools provide clarity around the available options and likely changes for different land management practices. Come try the tools (LOOC-C and LOOC-B) at the CSIRO booth.

11:45 am

A Farmer's perspective of a Soil Carbon Project

🗣️ David Bushell

David's property is a mixed farming enterprise (cattle and cropping) and is also running a soil carbon project with AgriProve. The total property is 489 hectares of which 379 hectares have been included within a soil carbon project. The management practices on his property include: introduction of dung beetles into the pasture to promote burial of cattle dung and improve soil; implemented the use of cover crops to improve soil health; further paddock subdivision to implement a better rotational grazing system; and use of organic soil amendments and trace elements to promote microbial activity.

12:00 pm

Mainstreaming the Soil Carbon Trade – an update from Australia's premier Soil Carbon Project Developer

🗣️ Matthew Warnken, AgriProve

Matthew has made it his business to understand what the election will mean (from a change of government, to re-election of the current government) for the Carbon Farming Industry. So, he will be following the results very carefully (as maybe many of us will be).

Matthew will be able to explain what the results mean matter who wins. Just days after the election, he will analyse known results for their importance in the Soil Carbon and Carbon Farming Space.

12:15 pm

Session 2 Q & A

12:30 pm to 1:30 pm

Lunch in the Expo Area (great tea and coffee and now 39 trade displays!) Have you made any deals yet?

SESSION THREE

SOIL CARBON: THE WORLD'S LARGEST CARBON SINK OVER WHICH WE HAVE CONTROL – HARNESSING ITS POTENTIAL (CONTINUED)

MODERATOR: Lorrain Gordon, Southern Cross University

1:30 pm

Alternate opportunities for the agriculture sector

🗣️ Cathy Waters, NSW DPI

Cathy is a Principal Research Scientist and Leader of Climate Research in NSW DPI. Cathy's current research aims to increase carbon farming opportunities for primary industries by identifying where carbon farming can be integrated into current agricultural production, and towards Carbon Trading.

This research has culminated in March 2022, Treasurer Kean announced the NSW Primary Industries Productivity and Abatement Program (PIPAP) which will invest some \$125 million to grow primary industries and support the transition to a low carbon future.

1:45 pm

Aligning your soil carbon Eligible Activities with your Production Objectives

🗣️ Hamish Webb, Precision Pastures

Precision Pastures is an independent soil, pasture, and carbon agronomy services provider. In 2019 Hamish Webb was a client of Precision Pastures and has since commenced a soil carbon project on his sheep and cattle property near Uralla. Hamish is now Executive Director and Interim CEO of Precision Pastures and will discuss the importance of aligning his eligible activities to his production objectives and other important lessons learned.

2:00 pm

Carbon and Cropping from a farmer's perspective

🗣️ Tegan Nock, Loam Bio

So, what of those who give us crops? Can they increase Soil C?

Microbial soil sequestration promises to be one of the most elegant carbon removal solutions, as it is quick, globally scalable, and provides huge benefits for growers. A farmer coats their seeds with the microbial inoculum before sowing and the plants and the microbes work together to build carbon in the soil and keep it there. Building soil carbon in this way has additional benefits, such as increased soil health, nutrient-rich crops, and higher yields, which boost the bottom line for growers and provide a path for generating high-quality carbon offsets.

2:15 pm

Can an ag tech company build platforms to ensure and maintain integrity in the markets?

🗣️ Stephen Varacalli, Regrow

We can help incentivize climate-smart practices through ecosystem markets. However, in order for these markets to be effective, they must have scientific integrity. Regrow brings integrity to ecosystem markets through its independent platform, which utilizes three primary science-backed, innovative technologies to ensure data is transparent and reliable.

2:30 pm

What is a Farmers Mutual and is it for me?

🗣️ Andrew 'Wardy' Ward, Regen Farmers Mutual

A farmer-owned mutual enables farmers to aggregate their market power to better engage in Environmental Goods & Services (EG&S) markets. Shared ownership of the infrastructure also enables greater efficiencies in training, execution, and compliance, and broadens the types of transactions and the value captured from data and provenance. Most importantly, it creates a mechanism to attract private sector capital to invest in credible, and appropriately structured transactions.

2:45 pm

Session Q & A

3 pm to 3:30 pm

Afternoon Tea in the Expo Area (great tea and coffee and now 39 trade displays!) Continue your questions/discussions with the Exhibitors in the Expo area.

3:30 pm

What is the process if I want to go Carbon Neutral? Climate Active, the Government certification body will explain

🗣️ Daniel Sheedy, Climate Active

Climate Active certification is awarded to businesses and organisations that have credibly reached a state of achieving net-zero emissions, otherwise known as carbon neutrality. This means that the activities associated with running a business or producing a particular product have no net negative impact on the climate.

3:45 pm

To go carbon neutral, or to sell a carbon credit

🗣️ Louisa Kiely, Director, Carbon Farmers of Australia

To go Carbon Neutral is a cost. A carbon credit represents an income stream. Louisa will explore the benefits of each, the discussion about potential mandatory carbon neutrality or an international carbon tariff, and how to turn the situation around to favour farmers.

4 pm

Soil Modelling Update

🗣️ Professor Raphael Viscarra Rossel, Curtin University

Prof. Viscarra Rossel's research helps to gain new knowledge and a better understanding of the effects of environmental and anthropogenic change on soil functions. He's particularly interested in carbon sequestration, the preservation of biodiversity, nutrient cycling, and food production. He develops new methods for measuring, mapping, and monitoring soil, and uses models (statistical, machine learning, mechanistic) for prediction at relevant spatial and temporal scales.

4:15 pm

URTH – a circular eco marketplace

🗣️ Samantha Jewel, URTH

Sam will introduce her brand new app for Carbon Farming: urth.io. Come and hear how it will contribute to the industry.

4:30 pm

International Soil Carbon methods

🗣️ Dr Thakur Bhattarai, Elders, and Honorary Senior Research Fellow at CQUniversity Australia

Australia is not the only country investigating paying farmers for increasing soil carbon. The well-respected Verified Carbon Standard (VCS) has a method nearing completion. This method would be available to farmers worldwide to be paid for Soil C increases. Dr Thakur will speak about the main process and key points of difference with ERF soil carbon methods, and will it be available to Australian Farmers?

4:45 pm

Session Q & A

🕒 5 pm-6 pm

📍 Albury Entertainment Centre – Expo Area

HAPPY HOUR

Networking opportunity with delegates, speakers and exhibitors.

Enjoy a cheeky beverage before 'frocking up' for dinner!



Kevin Joyce, Co-Founder of CropBioLife, our Happy Hour sponsor says:

"Removing CO2 from the air and storing it in the soil is just the beginning. Crop resilience and nutrient-rich food complete the cycle for the long-term future of people on this planet."

🕒 7 pm-LATE

📍 The Commercial Club Auditorium

SOUTHERN CROSS UNIVERSITY PRESENTS THE 2022 NATIONAL CARBON FARMING CONFERENCE GALA DINNER



The hugely popular social event of the Carbon Farming Conference and Expo ... great food and company!

🗣️ Heather Swan

Heather Swan, world record-setting wingsuit pilot, and still the only woman to base-jump a Himalayan Mountain, will give some insights into the ability to overcome irrational fear and build physical and emotional strength.

Heather will inspire us as to how an attitude of 'no fear' can assist us as we navigate the new, choppy waters of allowing Farmers to take their natural leadership role in climate adaptation and mitigation.

Our musical guest for the evening is guitarist Henry Dean, who has been playing music professionally since the age of 15.

Henry has grown up all over NSW, from as south-west as Orange, to as north as Lismore where he completed his Music degree. Living in so many different places has influenced his sound and repertoire. His debut single 'Down To the Rhythm' has been aired on The Central Western ABC radio and can be found on all streaming platforms.

🕒 7:30am-9am

📍 Albury Entertainment Centre – Expo Area

WEDNESDAY 25 MAY – CONFERENCE DAY 2

Expo (now 39 trade displays!) and registration opens at 7:30am. Network with speakers, exhibitors, sponsors and other delegates. Great coffee cart sponsored by South Pole and FarmLab, settle in. Ask exhibitors what they can do for your bottom line.



We develop and finance projects around the world that reduce carbon emissions, protect biodiversity, and bring real benefits to local communities.



FarmLab was started in 2016 with the aim of digitising the earth's soil. Since then, we've created a platform to help agronomists, consultants, and farmers better map, sample, and analyse soil using the latest in soil science and digital soil mapping techniques.

🕒 9am-5pm

📍 Albury Entertainment Centre

CARBON FARMING, CARBON TRADING & THE CARBON MARKETS

On this day, we talk TRADING. But not just the ERF. And not even just CO₂e. There are many opportunities opening up for groups and others who have a system for Measure/Monitor/Verification (MMV). Different methods. AND let's not forget – DEMAND. From where will the demand for your Carbon Credits arise?

9 am Sharp

CALL TO ACTION: WHAT IS THE YOUNGER GENERATION LOOKING FOR US TO DO WHICH WILL ENSURE A SAFE ENVIRONMENT FOR THEM?

SESSION ONE:

PART 1 – BEEF HERD METHANE REDUCTION

PART 2 – TREE CARBON, TREE PLANTINGS, PLANTATIONS, AND BEYOND

Moderator: Louisa Kiely, Carbon Farmers of Australia

9:15 am

Reduction of methane in the beef herd

🗣️ Julien Gastaldi, Corporate Carbon

The 'Beef Herd Improvement' ERF method allows landholders to earn Carbon Credits from a reduction in methane in the Beef Herd. How accessible is this method and who is using it?

9:30 am

Beyond Beef Cattle Herd – different opportunities for cattle managers and dairy farmers to generate carbon credits from reducing livestock emissions

🗣️ Thomas Schroeder, Head of Climate Action, South Pole

This presentation will discuss alternatives and complements to the ERF Beef Cattle Herd method, which is already firmly established. These alternatives include reducing livestock emissions through livestock

feed additives, such as essential oils or seaweed. In addition, South Pole will discuss the potential to register such projects under international voluntary carbon standards and how credits from these projects can be sold to domestic or overseas buyers.

9:45 am

Opportunities for tree planting projects under the Emissions Reduction Fund

🗣️ Nakita Thackwray, Land and Forests Assessment

Nakita worked closely on the development of the Environmental Planting Pilot, designed to make it easier for landholders to directly participate in the Emissions Reduction Fund and earn Australian Carbon Credit Units by planting trees on their land. She will outline the Emissions Reduction Fund (ERF) method for 'Environmental Plantings'. Who can participate?

10 am

Plantation and Forestry ERF methods: Trees – one crop, generational benefits

🗣️ Wendy Perdon, South West Timber Hub

The speaker will explain how under the Farm of the Future model, there may be more opportunities for farm forestry or plantation projects.

Wendy will show how farmers can integrate commercial trees into their farms allowing them to participate in Carbon mitigation strategies while having commercial activities on their land.

A win for the planet, a win for the land owner, and a win for the timber industry facing future timber shortages.

10:15 am

The future of Integrated Farm Methods

🗣️ Skye Glenday, Climate Friendly

The Integrated Farm Method will be developed in 2022 for implementation in 2023. Skye was integral to the industry proposal to the Regulator and government for a more integrated approach to carbon farming. She will explain how this will multiply farmers' opportunities to take part in the carbon farming market.

10:30 am

Department of Agriculture Water & Environment

🗣️ Maya Stuart-Fox, Climate Adaptation & Resilience

The Department of Agriculture, Water & Environment has several pilots running. Maya will bring us up to date on the potential for an "ACCU plus", remnant vegetation protection, and stewardship payments.

10:45 am

Session 1 Q & A

11 am to 11:30 am

Morning Tea in the Expo Area (great tea and coffee and now 39 trade displays!) Your in-depth discussions continue...

SESSION TWO:

THE 'BUSINESS' OF CARBON FARMING: FROM ACCOUNTING, TO LEGALS AND MORE

Moderator: Lorraine Gordon, Southern Cross University

11:30 am

Establishing market-based facilities and associated instruments to support the development of Carbon Markets internationally

🗣️ Alastair Handley, Founder, Radicle (Alberta, Canada)

Alastair's vision is that emission reduction markets can build wealth, generate jobs, create export opportunities, and protect the environment for future generations at once.

11:45 am

Accounting and Carbon Farming

🗣️ Scott Christian, Boyce Accountants

Scott Christian, Director, Boyce Accountants will bring the conference up to date on the all important 'accountancy' matters. Scott has immersed himself in the Carbon Farming industry and is a leading accountant in this space.

He will let us know how Carbon income is accounted for in your balance sheet, profit and loss, and for taxation purposes – both now and in the future (with consideration of proposed legislation changes).

He will also provide some of the business management considerations for assessing and running a carbon project.

12 pm

Contracting for Carbon Projects

🗣️ Sophie Whitehead, Norton Rose Fulbright

Sophie will cover different contracting models, standard requirements, and risk allocation type issues, as farmers weigh up offerings from project developers.

12:15 pm

Trading in global carbon markets

🗣️ Shahira Esmail, Radicle

Global carbon markets are complex. With many government regulated compliance markets and an ongoing dialogue around structure and standards for voluntary markets, navigating market participation can be daunting. Layer on projects with varying degrees of credibility and opaque market forces affecting pricing, and the ability to buy and sell credits. Shahira will expand on global market coverage.

12:30 pm

Session 2 Q & A

12:45 pm to 1:45 pm

Lunch in the Expo Area (great tea and coffee and 39 trade displays!) Start finalising those deals!

SESSION THREE:

CLIMATE POLICY AND VISION FOR THE FUTURE

Moderator: Matthew Warnken, AgriProve

1:45 pm

The Clean Energy Regulator

🗣️ Shayleen Thompson, Clean Energy Regulator

The CER oversees the ERF. The speaker will outline the Regulator's key opportunities arising in the land sector including future demand. Plans for a future "carbon exchange".

2 pm

New Soil Sampling protocol for horticulture and viticulture

🗣️ Oli Madgett, Cloud Agronomics

From a farming systems perspective, in permanent alley crops (vines and tree crops) growers typically manage the under-canopy zone differently from the mid-row zone.

This will lead to different options being available for management practice changes, and differing rates at which SOC can potentially be built in the mid-row Vs under-canopy zone.

The proposal of both the Wine and Horticulture industry is to make an addition to the soil sampling protocol for permanent alley crops, so that the area of land is stratified based on whether it's a mid-row or under-canopy zone.

2:15 pm

The role of Biochar in Regen Ag & Carbon Farming, Future trends

🗣️ Don Coyne, ANZ Biochar Industry Group

Biochar is one of six carbon removal technologies alongside soil carbon that the IPCC have recommended to be employed at scale to pull excess CO2 out of the atmosphere and help reach NET ZERO 2050 targets. Swiss Re says, do your best and remove the rest. Biochar's permanence in the soil brings a premium credit to corporations, can supercharge your project, and bring productivity gains. Hear about the latest and greatest biochar innovative technologies commissioned and about to be in Australia and beyond by 2030.

2:30 pm

How Blockchain, Crypto & NFTs can be used in the Agriculture space & how to ask better questions

🗣️ Ray Milidoni, Farming Secrets and MetaTrees NFT

When it comes to Blockchain, Crypto & NFTs the better questions you ask the better decisions you will make. In this quick into Blockchain, I will take you through the amazing world of Blockchain and how they will be used in the Ag & carbon market space. While the future can be scary, understanding it early will help you navigate it better. As one of the co-founders of MetaTrees NFT I have seen first-hand how the digital space can meet the real farming world.

2:45 pm

Results from Method Discovery Research

🗣️ Dr Kalpana Pudasaini, CQUniversity

Kalpana was lead researcher in an Australian Government Innovation Connections Grant, in conjunction with Carbon Farmers of Australia.

The research looked at the pros and cons of a number of International Carbon Farming methods, to determine if any were better/easier to implement than an Australian ERF method. Here she presents the findings.

3 pm

Session 3 Q & A

3:15 pm to 3:45 pm

Afternoon Tea in the Expo Area (great tea and coffee and 39 exhibitors! Now's the time to close those deals!

SESSION FOUR:

SUN AND THE WIND: HOW CAN FARMERS TAKE ADVANTAGE OF THESE OPPORTUNITIES IN DEVELOPING THEIR 'WHOLE OF FARM' CARBON FARM PLAN?

Moderators: Louisa Kiely, Director, Carbon Farmers of Australia, Matthew Warnken, Director, AgriProve

3:45 pm

What of the wind – who can benefit from wind on farms

🗣️ Charlie Prell, Chair, Farmers for Climate Action

Charlie will be speaking about how farmers and the regional communities where they live can ensure that they're getting a fair share of the wealth that the renewable energy boom is going to generate.

4 pm

What of the sun?

🗣️ Stephen Todd, Volt Farmer

Volt Farmer is developing a number of showcase 'Climate Smart Farm Projects' which aim to inspire sustainable and regenerative development of farmland, landfill sites and communities. These showcase projects combine local renewable energy production with carbon farming as well as providing local economic and educational development opportunities.

4:15 pm

Session 4 Q & A

4:30 pm

Wrap up and Close – Louisa Kiely, Matthew Warnken

THURSDAY 26 MAY POST CONFERENCE EVENT

🕒 8:30am-12pm

📍 Albury
Entertainment Centre
– Theatrette

ADVANCED CARBON FARMING WORKSHOP – STEPS TO A PROJECT

From Project Implementation to Credit Creation... Take your knowledge to the next level at this in-depth post-conference workshop. Learn how to take part in a Carbon Farming Project for productivity and profit. Project Aggregation opportunities for NRM & OTHER GROUPS, FARMERS, and ADVISORS explained.