



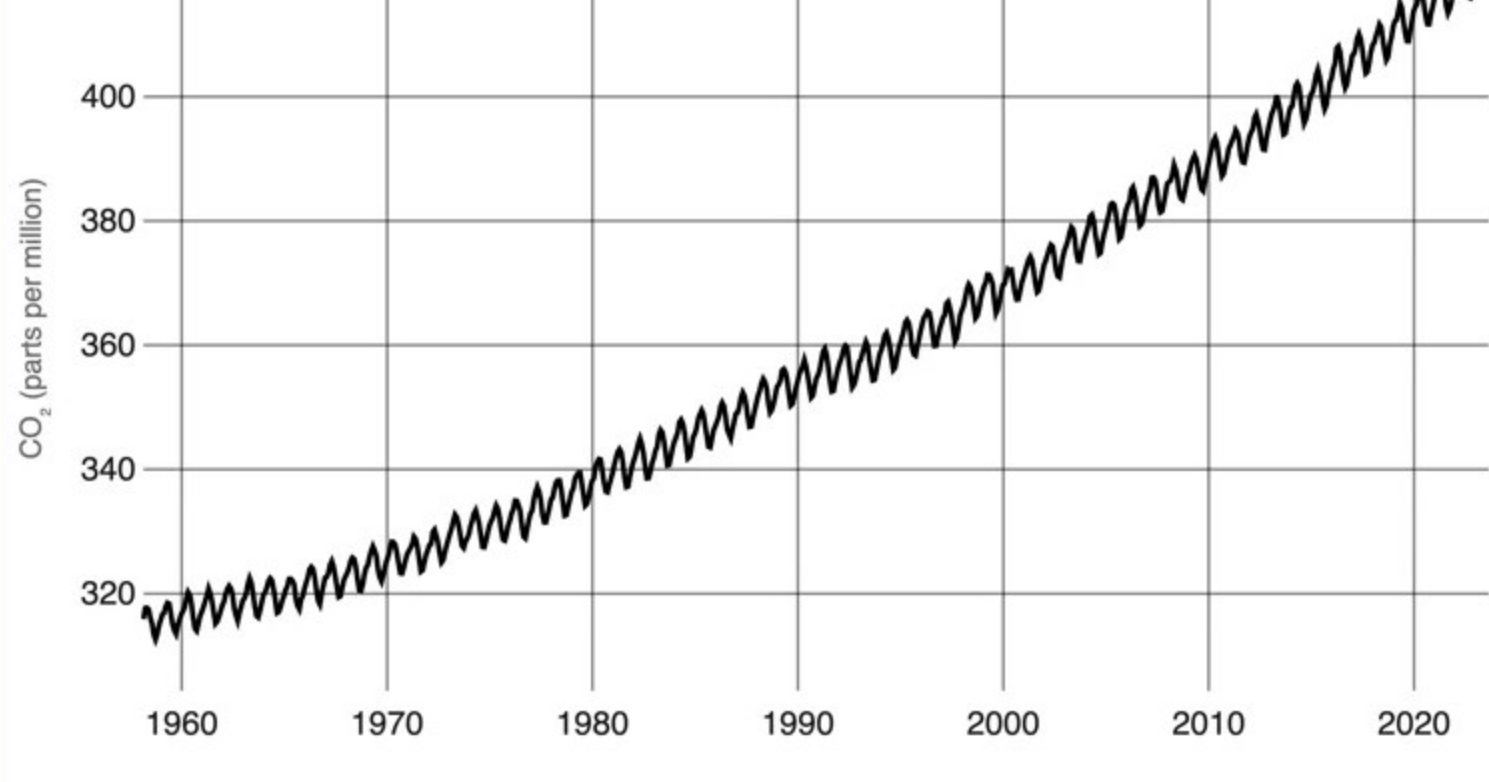
AgZero2030 is committed to supporting the WA Agriculture sector to be part of the climate solution by targeting carbon neutrality by 2030, sharing stories of the diverse range of profitable climate-smart practises and actively contributing to improved climate and carbon literacy and education. AgZero2030 also aims to contribute to and promote good climate policy.

CO₂ Levels

September 2023

419ppm

<https://climate.nasa.gov/vital-signs/carbon-dioxide/>



Expressions of Interest: Study Tour 2025

AgZero 2030 is seeking to find if growers and agricultural professionals would be interested in a study tour to Europe in 2025. The aim would be to investigate the energy transition and the sustainable pathway for agriculture in Europe.

If you would be interested in taking part, please email info@agzero2030.org.au

Low-Carb Farming: Trim those emissions

By **Caitlyn Burling**

Communications Officer, Corrigin Farm Improvement Group

Committed to its members and its motto to 'remain ahead of the trend' and explore relevant issues facing the agricultural industry, the Corrigin Farm Improvement Group (CFIG), together with AgZero2030 hosted a forum and farm visit earlier this year.

Entitled 'Navigating Decarbonisation in Agriculture and Rural Communities', the forum was a thorough exploration of the rapidly evolving carbon emission discussion.

Two keynote speakers at the event, world-renowned Energy Futurist Professor Ray Wills and Professor of Sustainability Peter Newman, both provided engaging and thought-provoking presentations.

Professor Wills presented several slides outlining climate-smart technologies and trends over time, including those particularly relevant to agriculture, that are already in development and being rolled out imminently.

He offered a snapshot of what a future economy could potentially look like, while discussing the exponential expansion of climate-smart technology and a decarbonised market.

"Everything within the energy transition is growing exponentially," Professor Wills said.

"The big corporate players are already making significant changes and commitments in this space and that has begun to filter down."

He demonstrated how potential alternative food systems could emerge in existing agricultural areas, such as vertical farming, aquaponics, insect farming, algae farming, micro greens and fungi cultivation.

Professor Peter Newman spoke about the challenges the global economy faces, but also reflected upon the positive changes already being made and having an impact.

Renewable energy such as solar and wind, plus more efficient batteries and electric vehicles are readily available in the current market, assisting the general population with the shift toward the right direction and reducing carbon emissions.

Carbon taxes are already a reality, with the European Union introducing a trial period of its 'Carbon Border Adjustment Mechanism' (CBAM) that requires all imports to meet EU carbon standards and expectations.

It's measures such as this that indicate change is rapidly evolving on a global scale and Australia needs to adapt to keep pace with traditional markets such as the EU and China.

"It's never been more important to think global, act local," Professor Newman said.

"There is a lot of nonsense talked about China (and their emissions), but they are not the problem.

"China have gone further down the track to NetZero than anyone; they are very good at mass production and producing renewable energy products such as solar cells and wind technology.

"We don't need to be scared of them; we need partnerships with them instead. Change has to be embraced, it needs to be embraced now and that is the challenge."

Making practical changes now was also a theme thoroughly covered by Nutrien Ag Solutions agronomist and sustainability field manager Kirsty Smith.

Ms Smith provided producers with several practical measures that can be implemented immediately.

She encouraged producers to talk to their advisors and agronomists about baselining and collecting the data required to quantify the carbon outputs of their business, then implement practical ag solutions to begin reducing emissions.

"The 'rate of change' curve is coming thick and fast, and it's great to see everyone starting to switch on (to decarbonisation), from big business through to consultants and growers," Ms Smith said.

"There are so many actions that can be taken now with both cropping and livestock, so once we bring the growers along and help educate them, we expect this to move fast.

"There is a lot of good work being done at all levels and it's gathering momentum."

The day concluded with a farm visit to local Corrigin producers, and AgZero 2030 members, Cindy Stevens and Simon Wallwork's property, for an 'on the ground' chat about new techniques in soil amelioration, tree planting and firsthand experiences around soil and tree carbon projects.



The visit to Cindy and Simon's farm included looking at a soil pit under summer fodder and a discussion around sustainability goals.

Upcoming Events

AgZero 2030 plans to hold its next event in mid-2024.

Stay tuned for more details!

**WATCH THIS SPACE ...
GOOD THINGS ARE
COMING!**

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