

ANZBIG Newsletter

Global leaders in the sustainable production and use of biochar

CEO MESSAGE

Dear Members & Subscribers,

We continue to deliver big wins for the biochar industry, thanks to the expertise and collaboration within our working groups.

Biochar Secures Its Place in Australia's Sustainable Finance Future

This month's standout achievement comes from our ACCU Subgroup. Through strong submissions, we've ensured biochar's correct inclusion in the Australian Sustainable Finance Taxonomy, a joint initiative by the Australian Sustainable Finance Institute (ASFI) and Treasury.

Why is this huge?

- The taxonomy sets global-aligned sustainability standards for investments.
- It's recognised by capital markets worldwide as a credible benchmark for transition finance.
- Biochar is now officially recognised in three key areas: cropping systems, grazing & animal production and manure management

This means biochar projects that meet eligibility criteria can now be classified as taxonomy-aligned investments, unlocking access to sustainable finance. This is a major breakthrough for our sector!

A Fresh Look for ANZBIG

We're excited to announce the launch of our [new website](#), a project led by Treasurer Phillip Henshall, implemented by Bloomtools, and driven by Cluster Manager Sam Zagami.

The platform is smarter, sharper, and more functional, designed to support ANZBIG's continued growth. We invite you to:

- Log in and update your payment details
- Explore our 8-year-old resource library
- Connect via our members directory
- Browse and contribute to the products & services directory as the sector expands

Biochar Podcast Returns – "On the Ground" Series

The Biochar Podcast is back, kicking off with real-world farmer case studies:

- Episode 1: Mayo Ryan (Sitos Group) & Russell Burnett (Rainbow Bee Eater) discuss the Californian Vineyard and Ballarat Potato trials.
- Coming Late September: Sports Turf & Biochar featuring James Gaspard, CEO of Biochar (US), unpacking the Californian Golf Course case study where: \$300,000 AUD worth of biochar was purchased at \$3,000/tonne, Delivered \$3 million in water savings over six years, ROI achieved in just six months

Catch the episodes on [YouTube](#) or [Spotify](#).

Upcoming Events – Let's Connect

We're closing out the year with two major events:

Waste Expo Melbourne

October 29–30

Hosting a panel discussion + trade stall

National Farming Conference – Albury

November 4–6

Presenting and exhibiting on biochar's ROI, ecosystem services, and the synergy with ACCU Soil Carbon credits

These events are key opportunities to showcase biochar's impact and engage new markets. Thank you for your continued support and contributions. Together, we're shaping the future of biochar, one breakthrough at a time.

Chars,

Don Coyne

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e. execdirect@anzbig.org



In This Issue

**NEW ANZBIG
WEBSITE
LAUNCHED -**

**MEMBERS PLEASE
LOG IN & UPDATE
DETAILS**

**Latest Podcast:
Biochar and Veg**

**Press Release:
Leadership Change
at ANZBIG**

**Sydney Water is
seeking partners
for biochar reuse!**

**Business Model for
Bio-hubs in Canada
and Australia**

EVENT SPOTLIGHT

**ANZBIG at
Waste Expo
29 - 30 October**

w: www.anzbig.org
a. C/Catalyst Environmental
Management
Unit 10, Level 2, 344 Hunter St,
Newcastle West, N.S.W.
2302

Member Spotlight

Welcome New & Renewing Members

Diamond



Graphene



Amorphous



Carbon

[Genxing Pan](#)

[Carbon Technologies Australia](#)



[Phillip Henshall](#)

Associate

[Paul McGorman](#)

[Damien Digney](#)

[Elise Wilson](#)

**Become an
ANZBIG Member**

[Join Now](#)



Sydney Water is Australia's largest water utility and every day, it provides high-quality drinking water to 5.5 million people across Greater Sydney, the Blue Mountains and Illawarra. For 137 years, Sydney Water has provided a safe, reliable water supply and supported a thriving, liveable and sustainable city.

We're at the beginning of our biochar journey, having launched development of a carbonisation facility to convert wastewater biosolids into biochar at our Riverstone Water Resource Recovery Facility.

As a water utility, Sydney Water is uniquely positioned to help accelerate the adoption and use of biochar – supporting waste reduction, carbon sequestration and helping grow the circular economy.

Through our partnership with ANZBIG and collaboration across industry, we're working to unlock new applications for biochar that support climate resilience and more sustainable infrastructure.

To help achieve this, we're inviting interest from innovative partners through an [EOI process](#).

For more information, see [Section EOI Blurb to learn how to get involved](#).

Contact: Wayne Jackson,
Wayne.jackson@sydneywater.com.au

ANZBIG News & Events

Latest Podcast: Fruit & Veg with Biochar

In the first episode of ANZBIG's on-the-ground series, we dive into two real-world horticulture trials featured in our Farmer's Guide.

Mayo Ryan (Sitos Group) walks us through a vineyard biochar trial—covering the site, soils, climate, biochar type and rates, and how it was applied alongside practices like compost and irrigation management.

Then Russell Burnett (Rainbow Bee Eater) shares the Ballarat potato trial—trial design, soil/treatment layout, biochar incorporation, and adjustments to inputs. Together we explore early signals in soil moisture, nutrient cycling, structure, vine health and grape quality, plus what's emerging on potato yields, profitability, and input efficiency. You'll also hear the challenges, what they'd do differently, and practical advice for growers considering biochar.

Watch via [Youtube](#) or Listen on your [favourite podcast app](#)



For Immediate Release

Date: September 1, 2025

ANZBIG Board Announces CEO Transition

The ANZBIG Board would like to announce that our CEO, Don Coyne, will be stepping down when his contract ends on 30 September 2025. Don has decided to move on to new pursuits within the industry, supporting ANZBIG's leadership transition and future planning.

"On behalf of the Board, we thank Don for his dedication, passion, and efforts in building ANZBIG's profile and strengthening industry collaboration during his tenure. Don helped drive the establishment of ANZBIG and since 2020 has lifted ANZBIG's profile and played a vital role in advancing biochar as a key solution for carbon removal and circular economy" said Melissa Rabebeck, ANZBIG Chair. "As we move forward, the Board will introduce a new leadership approach. This will focus on strengthening organisational capacity and extending our advocacy, member benefits and partnerships to achieve our internal business plan and the 2030 Biochar Industry Roadmap. ANZBIG is the leading advocate for the biochar industry in Australia and New Zealand, with a strong focus on policy, partnerships, member value and a commitment to implement the 2030 ANZBIG Roadmap.

Further announcements regarding leadership, interim arrangements, and future opportunities, will be made in the coming weeks.

Media enquiries:

Melissa Rabebeck
Chair
ANZBIG — Australia New Zealand Biochar Industry Group
Email: chair@anzbig.org | Phone: 0427 273 727

Press Release: ANZBIG Leadership Update

The ANZBIG Board shares that our CEO, Don Coyne, will complete his contract on 30 September 2025. After careful thought, Don has decided to move on to new pursuits within the industry, while supporting our leadership transition and future planning. We acknowledge Don's significant contribution in raising awareness of biochar and expanding ANZBIG's networks. We thank him for his service and wish him every success in the future.

ANZBIG is now focused on the next stage of growth—strengthening organisational capacity and extending our advocacy, member benefits and partnerships to achieve our internal business plan and the 2030 Biochar Industry Roadmap. Please watch for further announcements, leadership opportunities, and interim arrangements.

For further details please see the media release on [ANZBIG's website](#)

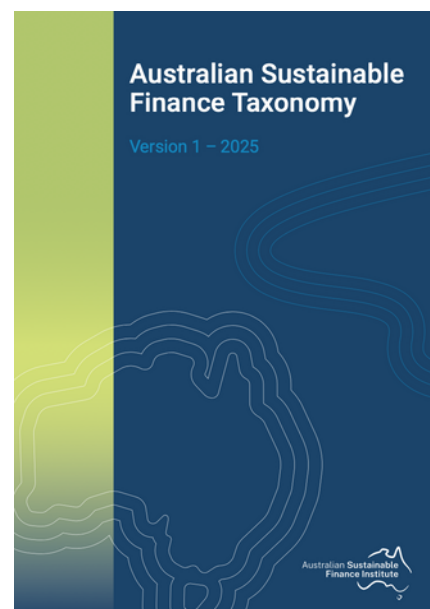
Biochar Recognised in Australian Sustainable Finance Taxonomy – ACCU Opportunities

Big News for Biochar The Australian Sustainable Finance Taxonomy – Version 1 (2025) has officially recognised biochar as an eligible decarbonisation measure in the Agriculture & Land sector.

- Cropping, grazing systems & manure management– Biochar for soil carbon & soil health
- Waste Management – Sustainable feedstock pyrolysis recognised for methane mitigation
- Finance Access – Opens pathways to green & transition finance streams
- ACCU Alignment – Strengthens eligibility for carbon projects through MRV. This is a huge milestone for ANZBIG and our members, advancing biochar’s role in sustainable finance and carbon markets.

Review The Australian Sustainable Finance Taxonomy – Version 1 - [HERE](#)

Review ANZBIG's Briefing Note - [HERE](#)



ANZBIG Launches New Website

We're excited to announce the launch of ANZBIG's refreshed website — a central hub for resources, events, and member engagement.

Important for Members:

- Please log in and update your card details to ensure uninterrupted membership access.
- Amorphous to Diamond members can now review and update their Products & Services Directory listing directly.
- Help us grow the movement by encouraging your colleagues, networks, and partners to join ANZBIG and strengthen Australia and New Zealand's biochar industry.

Together, we're turning a growing industry into a billion-dollar climate solution by 2030.

[Visit the New Website](#)

ANZBIG at Waste Expo

ANZBIG is proud to be exhibiting at Waste Expo Australia in Melbourne on 29–30 October 2025.

As part of the program, ANZBIG will lead a thought-provoking panel discussion:

Turning Organic Waste into Biochar, Renewable Energy and Real Circular Outcomes

📅 Thursday 30 October 2025

🕒 12:40 – 13:25

Join industry experts Shaun Scallan, Nigel Murphy, Dr Alexandru (Alex) Let, and Dr Mayuri Wijayasundara as they explore how biochar can seamlessly integrate with existing waste technologies and practices. The discussion will highlight pathways for transforming organic waste into valuable resources that deliver genuine circular economy outcomes.

Learn more: wasteexpoaustralia.com.au



ANZBIG at the 2025 National Carbon Farming Conference & Expo

ANZBIG is proud to be a Bronze Sponsor at the 2025 National Carbon Farming Conference & Expo, taking place 4–6 November 2025 at the Albury Entertainment Centre in New South Wales.

As part of the program, ANZBIG will be exhibiting and presenting on biochar's ROI, ecosystem services, and its powerful synergy with ACCU Soil Carbon credits. We'll highlight how biochar is driving measurable returns for farmers, delivering ecosystem benefits, and unlocking new opportunities in carbon markets.

Learn more [HERE](#)



Carbon Management Services is proud to introduce

**The 2025 National
Carbon Farming
Conference & Expo**

Library

Biochar for soil

[Biochar-driven rhizoremediation of soil contaminated with organic pollutants- engineered solutions, microbiome enrichment, and bioeconomic benefits for ecosystem restoration](#)

[Stabilizing organic matter and reducing methane emissions during manure composting with biochar to strengthen the role of compost in soil health](#)

Wood Vinegar

[Recycling Agricultural Waste into Plant Protectants: Mechanisms of Wood Vinegar in Alleviating Salt Stress in Triticum aestivum L.](#)

Biochar for Bioenergy

[Methane pyrolysis over activated biochar and red mud-biochar composite catalysts for turquoise hydrogen production](#)

Finance

[Byron Farmers Market's new Young Farmer Sponsorship Program](#)

[Forestry Industry - Support Plantation Establishment Round 3, Batch 5 4](#)

Member Benefits

Did you know? Members have access to a seven-year-old library full of reports and articles, past webinar and conference recordings plus a list of papers by category - learn more about ANZBIG memberships [HERE](#)

Biochar Industry News

Sydney Water is seeking partners for biochar reuse!

As part of our commitment to sustainability and the circular economy, Sydney Water is inviting expressions of interest (EOI) for the beneficial reuse of biochar produced at our Riverstone Water Resource Recovery Facility.

This carbon-rich bioproduct, derived from biosolids, offers exciting potential across industries—including agriculture, construction, and environmental remediation.

We're looking for innovative organisations to collaborate on commercial reuse pathways that reduce waste, sequester carbon, and regenerate natural systems.

Submissions close 26th September 2025. Learn more and get involved at <https://www.sydneywater.com.au/about-us/our-suppliers/current-tenders.html>.

Contact: Varisara Lausuksri,
Varisara.Laosuksri@sydneywater.com.au



Aerial view of Riverstone WRRF (approximate carboniser location in red)

Biochar from human waste could solve global fertiliser shortages, study finds

Charcoal made from human waste could help solve fertiliser shortages as well as reduce pollution and energy use, a study has found.

Biochar is a form of charcoal made from organic matter treated at high heat, which is often used on farming soil as a fertiliser.

The study estimated that biochar made from solid human excrement could provide up to 7% of the phosphorus used around the world each year.



puro-earth

Biochar's Market Momentum: Leading the Carbon Removal Revolution

Data as of June 11, 2025



Biochar's Market Momentum: Leading the Carbon Removal Revolution

Biochar has rapidly established itself as a leading durable carbon dioxide removal (CDR) technology, outpacing other solutions in both market acceptance and operational scale. This report provides an in-depth analysis of the biochar market's growth, performance, and evolving dynamics from its early adoption stages through June 2025.

Key Takeaways for ANZBIG Members

- Biochar's market leadership and scalability are now proven and quantifiable.
- High liquidity and stable pricing lower commercial risk for new entrants.
- Global demand is strong, but access often requires working with intermediaries.
- Market maturity provides a solid foundation for advocacy, investment attraction, and expansion.

First Biochar and Improved Forest Management (IFM) methodologies

The Integrity Council is pleased to announce that our Governing Board has approved the first Biochar and Improved Forest Management (IFM) methodologies under our Core Carbon Principles® (CCPs), with one further IFM methodology being conditionally approved.

Read the full announcement [here](#):



Business Model for Bio-hubs in Canada and Australia

IEA Bioenergy: Task 43
February 2025



Photo credit: Canadian Wood Fibre Centre, Natural Resources Canada

Business Model for Bio- hubs in Canada and Australia

The International Energy Agency (IEA) Bioenergy Technology Collaboration Programme, under Task 43 (Sustainable Biomass Supply Integration for Bioenergy within the Broader Bioeconomy), aims to identify strategies to improve supply chain efficiencies of sustainably sourced biomass. In the previous triennium, IEA Bioenergy Task 43 implemented two SWOT analyses on comparing biomass supply via bio-hubs against the alternative, through workshops held in Europe (October 2019, Sopron, Hungary) and North America (March 2020, Ottawa, Canada).

These workshops collected insights from 55 participants across 17 countries.

Biochar improves soil health for cotton production, study confirms

For generations, farmers have used natural materials such as lime, gypsum and manure to improve their soil for growing crops. Now, a team of researchers led by the University of Missouri is giving new purpose to an established material — biochar, a charcoal-like substance made from leftover plant waste — and showing how it can address challenges facing today's cotton growers.



Industry Related News



Australia's time has come to be a green energy-intensive export superpower

One really big idea is to take the steps necessary to see Australia become a renewable energy superpower by exporting green energy-intensive products such as green iron, green aluminium, green transport fuels and green fertilisers. Australia is blessed with some of the best solar and wind resources with world-best availability factors, and comparatively little of this is needed domestically.

Mini beasts, big impact: Tracking Northern Rivers dung beetles with non-lethal science

Southern Cross University PhD candidate Ed White shares details of his dung beetle research in this new video. Ed wants to find out how different farming practices – such as grazing intensity, veterinary medicine use, pasture management and supplementary nutrition – impact dung beetles and soil health.



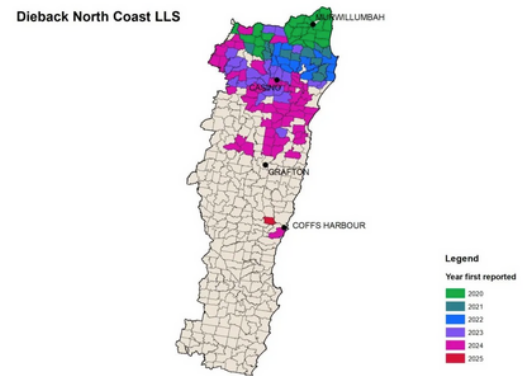
Pasture Dieback

Pasture dieback is a condition that kills sown and native summer growing pastures. It starts as small patches and can spread to affect large areas.

Southern Cross University has established a range of trial and demonstration sites across the NSW north coast to help improve producers' understanding of how best to respond to pasture dieback.

Researchers are looking at which grass species are more resilient and what management options have worked for producers across different landscapes.

Which grass species show resistance to pasture dieback?. [Watch here](#)



Map of pasture dieback, NSW North Coast, 2025.

Trialling cover crops in dryland rice in Northern NSW

Growers of dryland rice and soybean crops near Lismore in Northern NSW will soon have a better idea of what species of cover crops they can plant, and then terminate with a roller crimper.

Southern Queensland and Northern NSW Innovation Hub Lismore Node extension officer, Gavin Tinning, said planting in a two-hectare trial site was finally completed recently, after delays last year when it was too wet.

“The seeds from a variety of winter crops have now germinated,” he said.

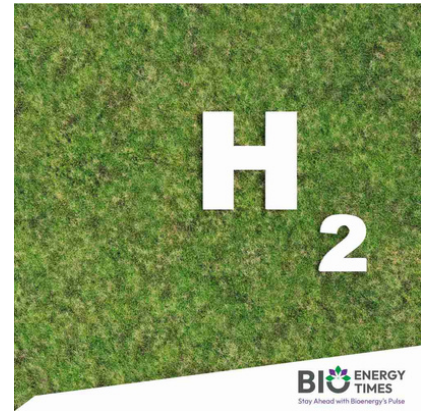
“The question we are hoping to answer is, ‘Which cover crops (such as black oats, field pea, ryecorn, vetch) will best suit being terminated in late spring with a roller crimper?’



China poised to lead global green hydrogen market as US withdraws subsidies

China is on track to become the world leader in green hydrogen production by 2050, while US projects scale back amid policy setbacks, according to a new report from S&P Global Commodity Insights, reports Hydrogen Central.

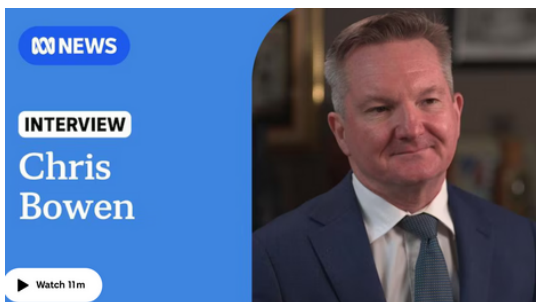
The report estimates that China will produce 33.4 million metric tons of zero-emission hydrogen from electrolysis by midcentury. By comparison, the European Union is expected to produce 20 million tons, and the US just 4.7 million tons.



Chris Bowen says political environment may prevent 2035 emissions target becoming law

Climate Change Minister Chris Bowen says he will have to assess whether there is a pathway to legislate the government's coming 2035 climate target.

He says the first national climate risk report, due imminently, will also be a stark reminder of the cost of not acting on climate change.



Industry Events

Biochar Industry Events - Save the date/s!!

IBI Events 

<https://biochar-international.org/events/>

11 - 12 September, 2025, in Bogotá, Colombia
First Latin American Congress on Biochar

15 - 18 September, 2025, Minneapolis, USA
2025 North American Biochar Conference

9 - 12 September, 2025
Eurosoil 2025

2-10 October, 2025, India
Biochar Academy: India

14 - 15 October 2025- Venice, Italy
9th Biochar School - Biochar Systems

28-30 October, 2025 - Washington, USA
Biochar Study Tour: Washington State

17-20 November, 2025
3rd International Symposium on Sustainable Biochar-SIPS 2025

Industry Related Events

Industry Related Events

-  Save the date/s!!

11 - 13 September, 2025 - Valencia, Spain
2nd Edition of Global Conference of Biofuels and Bioenergy

16 – 18 September, 2025 - Coolangatta QLD
Use of Organic Soil Amendments

25 - 26 September, 2025 - Vienna, Austria
International Conference on Biomass

8 - 9 October - Stockholm, Sweden
7th European Conference Biomass PowerON 2025

21-22 October, 2025 - Rotorua, New Zealand
Residues2Revenues 2025

29 - 30 October, 2025 - Melbourne, Australia
Waste Expo Australia

4- 6 November, 2025 - Albury, Australia
National Carbon Farming Conference

11-13 November, 2025 - Brisbane, Australia
TropAg 2025

8 - 13 February, 2026 - Western Australia
World Renewable Energy Congress XXV (WREC2026)

Partnerships



aora

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WSAA

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All Black Earth



NSW Decarb Hub

All the latest news from Decarb Hub

International Links



EUROPE

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NEW ZEALAND

All the latest news from the New Zealand Newsletter
All Black Earth



INTERNATIONAL BIOCHAR INITIATIVE

All the latest news from the International Biochar Initiative

US Biochar Initiative

All the latest news from the US Biochar Initiative

