New Zealand Hemp Industries Association



Kia ora,

Welcome to your August / September newsletter; here's a preview of the news, and events in this issue:

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- NZHIA Members Benefits Programme
- Callaghan Innovation white paper on
- iHemp waste streams
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UPCOMING EVENTS:

1 - 2 NOVEMBER 2022 NZGSTA Annual Conference

15 - 17 NOVEMBER 2022 Canadian Hemp Trade Alliance National <u>Conference</u>

in

30 NOV - 3 DECEMBER 2022 Asia International Hemp & Cannabis Expo <u>2022</u>

An Update from the NZHIA Chair

Welcome to the August /September Public Newsletter.

The 2022 iHemp Discover Tour was a success, we had 20 meetings in various town halls and Universities across Aotearoa New Zealand, where we:

• Engaged with people already working in the industry and highlighted their achievements

• Networked with others interested to hear about iHemp, and the potential business plans involved

• Presented the areas of interest related to iHemp that are available and being pursued by industry, especially those that can achieve export success

• Highlighted the gaps in the value chain and what regional capabilities and resources could be used to fill them

• We celebrated the work being done by our Universities and CRIs, identifying their R&D capabilities and expertise that will help scale the emerging iHemp industry

• We meet many farmers with diverse farming operations who were interested in iHemp as an alternate land use in their farming rotations

Interest from local industry involved in the food, fibre and health industries was represented, and it was clear that some regions had a strong bias toward the food (mainly growing hemp seed) fibre (harvesting a hemp fibre crop earlier than a seed crop) health industry, (growing female plants and not having any male pollen around.) or a Farming interest (phytoremediation and crop rotation benefits)

The meetings gave opportunities to collaborate and for those present to network with other interested people, we have already had feedback regarding the useful contacts that have been made, leading to introductions with people from Government and industry who can help the industry move forward and scale up to match the supply and demand

Given the perfect storm of consumer awareness and interest in goods produced from sustainable sources, the Government interest in environmental and export targets, climate change and other emerging mega trends, it was clear that industry will be investing heavily in sustainable solutions in the future.

The gaps in the value chain were identified and R&D, along with investment in primary processing were highlighted as the main areas required to scale up the industry. Food, health and wellness applications and using hemp to produce building materials to create resilient supply chains, were highlighted as the low hanging fruit, to get the industry moving.

But before that can happen we need to stimulate demand, which means the consumers and existing industrial users need to know about our products and the qualities of our raw materials.

Awareness along with the regulatory environment are the biggest challenges we face.

We thank AGMARDT for the funding that helped to make this happen and allowed us to spread the word.

All the best, **Richard Barge** NZHIA Chair





Launching the NZHIA Members Benefits Programme - Become a member

Now is the time to become an NZHIA member! We've curated member-only benefits, promotions, and special offers from the iHemp business network for members to take advantage of, launching with the support of Hark & Zander, Hemp Connect and Pure Heart Aotearoa.

To find out more and see what levels are available see our website: NZHIA Memberships. Once you are a member you will have access to the members-only area which also includes resources and support documentation.





Callaghan Innovation has released a white paper

Industrial hemp & medicinal cannabis commercial opportunities explored in a new white paper: Bioresource Processing Alliance

Commercial opportunities to create products from excess plant biomass generated by the industrial hemp and medicinal cannabis industries have been explored in a new white paper from The Bioresource Processing Alliance (BPA).

This white paper <u>'Commercial options for whole plant utilisation - industrial hemp & amp;</u> medicinal cannabis' is a collaborative paper from the BPA's members.

It seeks to understand where opportunities exist to create new products from specific parts of hemp and cannabis plants that could contribute millions in additional revenue to the industries.

Examples include nutraceuticals from compounds extracted from the flowers, geotextiles from the seeds, building materials from the fibre, butters from the roots, and many more.

If you're curious to learn more, head to the BPA's website here to check out the white paper in full.

New Standard Specification for Food Safety and Quality of Hempseed Products Intended for Human Consumption



A new ASTM International standard will provide credible and achievable specifications for food-grade hempseed products. The new standard, soon to be published as D8440, was developed by ASTM's cannabis committee (D37).

According to ASTM International member Clarence Shwaluk, the new standard identifies food safety and quality thresholds for dehulled hempseed, toasted hempseed, hempseed oil and hempseed protein products.

"The new standard outlines expectations for food safety of hempseed products so that folks consuming these can have confidence that the food they eat is safe, and companies have a standard they can reference or add to," says Shwaluk. "The standard also outlines key elements related to quality and shelf-life stability and the standardized test methods that apply. This will help ensure there is integrity in the food supply chain prior to arriving at the retail shelf."

Shwaluk says that food companies and their hempseed suppliers will be able to reference the new standard as a base set of attributes relating to food safety and minimum quality. "Regulators could use the standard to complement existing food safety requirements and consumers can review to help understand how food companies are focusing on safety," notes Shwaluk. This effort directly relates to the United Nations Sustainable Development Goal #2 on waste less food and supporting local farmers. "Knowing the aspects relating to key microbials and managing to the thresholds identified to shelf life means we can manage the product proactively," says Shwaluk. "When we understand ahead of time when the product is starting to reach the end of shelf life, we help avoid food loss due to spoilage."

ASTM welcomes participation in the development of its standards.Become a member at www.astm.org/JOIN. "We always hope to engage the hemp industry to further contribute to hemp standards in all countries where hemp is produced for food, fiber, and, in the future, animal feed," Shwaluk notes.

"Hemp growers, hemp food processors, regulators and those with an interest in food safety and quality are welcome to participate in technical committees or as reviewers of drafts."

To learn more about cannabis committee participation and membership, visit www.astmcannabis.org.

ASTM International is a not-for-profit nongovernmental organization that develops voluntary consensus standards and defers to appropriate government authorities to determine the legal and regulatory framework regarding the control and use of cannabis.

For more information regarding these standards, click here.

Business For Sale! HEMP INNOVATIONS NZ



Are you wanting to run a hemp buisness but not sure how to go about getting it up and running? We know of a hemp buisness available to purchase now! - ideal for anyone wanting to enter the market!

The setup has been done for you! Daniel is moving overseas and would like to pass this opportunity on.

Please check out his website here: <u>https://hifoods.co.nz/</u>

He has the business listed on trademe - click here for details



iHemp industry news from New Zealand and around the Globe.



Hemp rebar could offer low-cost non-corroding alternative to steel

Read more via dezeen

Hemp Build Magazine

Portugal: Hempcrete Mixed with Charcoal Builds Solid Walls

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Dun Agro Hemp Group How to Build a Hemp

House in 3 days

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Hemp Gazette Green Light For Industrial Hemp in Fiji

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The NZHIA website www.nzhia.com is an information resource for members, hemp enthusiasts and those curious about the industry. You'll find information on:

- Growing Hemp in NZ
- <u>Licencing</u>
- iHemp Magazine
- Webinars

