

Investor Presentation – June 2025

ASX: WOA | FRA: 2WOA



## REIMAGINING Today's protein



**Global first-mover** in lupin protein isolate for cleanlabel, health-focused food and beverage brands



**Superior functionality and sustainability** from an underutilised, climate-resilient crop

**Proprietary tech** unlocks high-yield, high-purity lupin protein once thought unviable

Largest producer globally, with integrated operations in WA and Germany

**Commercial traction** across protein powders and premium health market, alt-dairy and beverages







## CAPITAL **STRUCTURE**



\$12.2 million market capitalisation<sup>1</sup>

645 million shares on issue<sup>2</sup>



\$3.5 million cash on hand<sup>3</sup>

### SPP to raise up to AU\$500,000

- \$0.023 per share and 1:2 free attaching listed (WOAO) options
- Funds raised to accelerate market expansion
- Priority focus on unlocking China consumer market
- SPP offer closes 5pm (AWST) Monday, 7 July 2025

(1) Market capitalisation sourced from www.asx.com.au/markets/company/WOA|Based on the \$0.019 closing price 27 June 2025

Total shares on issue 644,557,175 as of Friday 27 June 2025 | Sourced from www.asx.com.au/markets/company/WOA

## WHERE WE'RE AT

## **THE TEAM**



### Validated

Technology validated through commercialscale production and real-world applications with global food brands



### **De-risked**

With key technology risks resolved, focus has now shifted toward commercial growth and sales execution



### Scaling

Scaling manufacturing and sales with active market entry into China, and Lupin co-products advancing to market



### **Matthew Skinner**

**Chief Executive Officer** 

With a Finance and Management career spanning Australia, the UK and the Middle East, Matthew brings extensive experience in managing complex fast changing business environments



### Yaxi Zhan

Non-Executive Director & Chair An experienced executive across startups, mining operations and ASX-listed companies, Yaxi is recognised for her business acumen and efficiency across diverse business and cultural environments



### **Anthony Maslin**

Non-Executive Director & Founder Anthony is an entrepreneur and social change visionary, driven by bringing new meaning and hope to environmental and community projects



Brett Tucker

Non-Executive Director & Company Secretary

Brett has over 20 years of experience providing advisory and compliance services to ASX-listed companies across various industries





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## WE JUST ENTERED THE WORLD'S LARGEST CONSUMER MARKET



China

China added to current markets with active distributors

Argentina





) China export approval already granted

- Exclusive China distribution deal with Univar: US\$11.5B global sales
- Univar: world's #2 chemical and ingredient manufacturer
- $(\Rightarrow)$  Unlocks access to China's food, nutrition & cosmetics markets
- $\rightarrow$  50t minimum volume committed post-prep phase
  - Joint plan: customer trials, prototype development, sampling, marketing
- $\rightarrow$  Positions WOA in a major growth market for plant protein and cosmetics



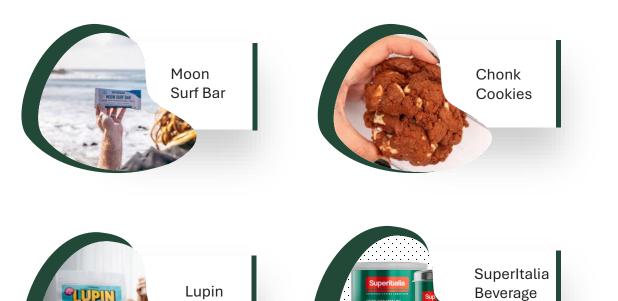
## **GLOBAL SALES GROWING**

### Progressing from initial sales to repeat orders

- $(\Rightarrow)$  Achieving repeat, premium-priced sales
- ( $\Rightarrow$  New 8-tonne order from Latin America post quarter-end
- $(\Rightarrow)$  Recurring volumes flowing from early adopters
- $(\Rightarrow)$  Univar China has 50-ton market development commitment
- Each product moving through the sales cycle drives compounding order growth
- New business partners with more product launches expected in coming months

### What the world is making with our lupin protein...

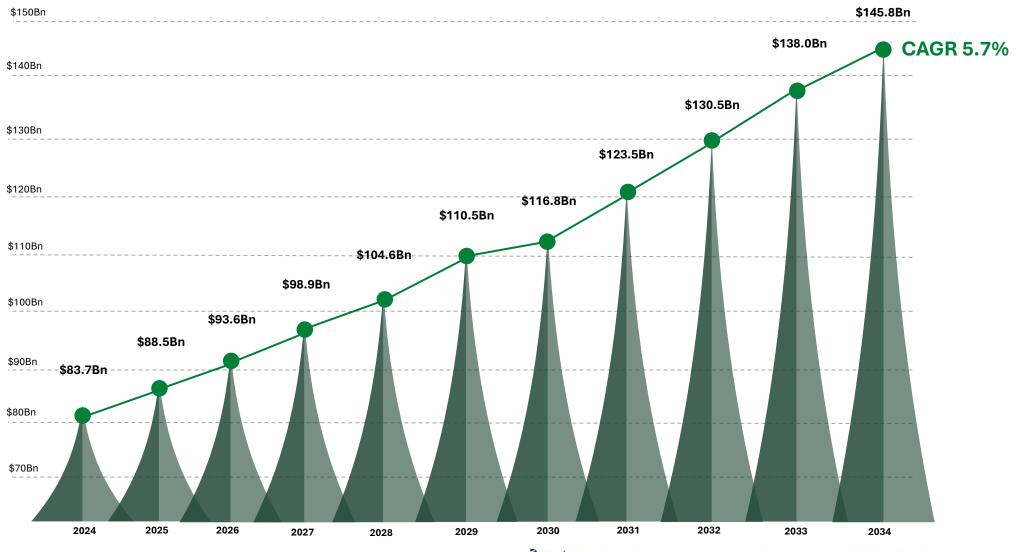
Gold





Drink

## WE ARE ENTERING A LARGE GROWING MARKET





Precedence Protein Ingredients Market Size 2024 to 2034 (USD Billion)

# **OUR PRODUCTS HARNESS THE WHOLE LUPIN**

Protein Products	— % —	Applications	—— R&D ——	— Available —	— Sales —
Lupin Protein Isolate – BP80F	85% Protein	Plant based dairy, Protein powders and health snacks, Meat analogues, Egg replacements, Baked goods, Noodles, Dips			
Lupin Protein Isolate – LP90	90% Protein	Plant based dairy, Meat analogues, Nutritional fortification, Protein powders			
Lupin Protein Concentrate (Liquid Form)	20% Protein	Plant based dairy			
Lupin Fibre		Baked goods, Health snacks			
Lupin Oil		Rich in oleic acid and bioactives for cosmetic industry			
Gamma Conglutin		Nutraceutical potential for glucose control	•		

## FEEDING 9.8BN PEOPLE **MEANS FIXING PROTEIN**



The Coming Protein Crunch To feed 9.8 billion people by 2050, food demand will rise 50% - including 70% more animal-based foods placing unsustainable pressure on the planet<sup>5</sup>

**Farming the Planet Dry** 

**Meat's Heavy** Footprint



griculture

**Plant Power,** Misused

Meat and dairy provide just 18% of global calories but use 83% of farmland and cause 60% of agriculture's greenhouse gas emissions<sup>3</sup>

Food production already uses over 70% of the

world's freshwater and half of all habitable

 $land^{1}$  – yet we waste a third of what we grow<sup>2</sup>

Over 75% of global soy is fed to animals not humans - driving deforestation and displacing more efficient human food uses<sup>4</sup>

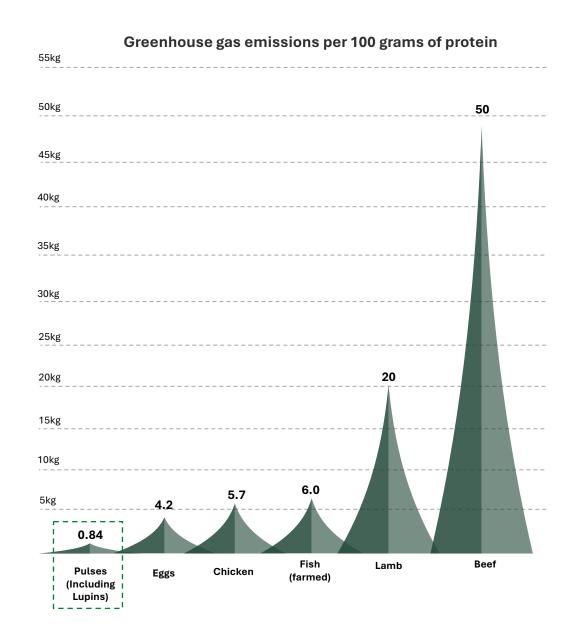
(2) The U.N. Environment Programme's Food Waste Index Report 2024 (4) WWF UK: The Soy Story

(5) World Resources Institute: Creating a Sustainable Food Future

## LUPINS CAN FIX What protein broke

 $\rightarrow$  Has the one of the lowest CO<sub>2</sub> emissions of major proteins

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  ightarrow) Grows in poor soils no need for prime farmland
- $\rightarrow$  **Fixes nitrogen naturally** reducing fertiliser use
- $\Rightarrow$  **Regenerates degraded land** improves soil health and structure
- Low water use drought-tolerant and efficient
- (ightarrow **No deforestation pressure** unlike some other proteins
- $\rightarrow$  **Low-input crop** requires fewer pesticides
- ightarrow Adaptable to climate-stressed regions



## **LUPIN'S CAN** FUEL TODAY'S **HEALTH NEEDS**

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- More protein than other plant-based crops<sup>1</sup>
- High in fibre  $\rightarrow$
- Low in fat, carbohydrates and sugar
- Gluten-free and non-GMO  $(\rightarrow$
- $(\rightarrow)$ Low glycaemic index
- Contains all amino acids; rich in Arginine, Glutamine
- Supports muscle growth and repair
- Easily digestible  $\rightarrow$

## **Blood Pressure** 1.28 billion adults globally have high blood pressure<sup>2</sup> Lupin protein consumption has been shown to reduce blood pressure<sup>2</sup>

### **Heart Health**

Cardiovascular disease kills 17.9m people per year<sup>2</sup>



Lupin protein can help reduce cholesterol<sup>2</sup>

### **Diabetes**

Globally 830 million people have diabetes<sup>2</sup>



Lupin protein has been shown to assist in managing blood glucose<sup>2</sup>

lupinis.com | Lupin Beans: The Highest Protein Content Food in the World March 19, 2023

Detailed references and sources can be found in WOA's Presentation titled: Lupin Protein Health Benefits released on the ASX 24<sup>th</sup> March 2025



## FIRST-MOVER Advantage through Novel Lupin Tech

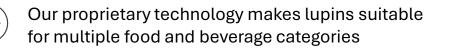
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Lupins historically locked in low-value livestock feed (96% of use)<sup>1</sup>

Decades of work to overcome bitterness and functionality challenges

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WOA and Curtin University has solved the taste and functionality challenge







### Lupins Used as Feedstock

- 96% of global lupin supply is used for animal feed<sup>1</sup>
- Limited utilisation in human food due to flavor and solubility challenges



### WOA's Technology Breakthrough

- Proprietary process unfolds protein to enable gel network formation
- Dramatically improves solubility and functional performance



### **Unlocking Human Food Potential**

- Creates stable protein structures that work with other ingredients
- Enables use across a wide range of food applications



## OUR MANUFACTURING FACILITY

 $\bigcirc$  We have developed the technology from lab to Pre-commercial scale

ightarrow Now operating a state-of-the-art production facility located in Germany

 $\Rightarrow$  Facility is proven with scalable technology and active production

- ightarrow Allows initial product sales and distribution of orders
- ightarrow Only company globally to produce lupin protein isolate at scale
- ightarrow Facility being used for process optimisation and scale up modelling
- $\bigcirc$  Protected by global IP and proprietary processing technology



## TAILWINDS FUELING OUR FUTURE

### Policy, pressure and planet are all on our side

- UAE: National Food Security Strategy 2051 local sustainable production
- Australia: developing a food security plan through the Feeding Australia strategy
- $\bigcirc$  **USA**: Public-private funding for alternative proteins
- (>) **China**: Food self-sufficiency, dietary health reform
- $\bigcirc$  India: Promoting climate-resilient crops

### Strong IP portfolio

- $\rightarrow$  High barriers to entry for future competitors
- $\supset$  6 patent families across key jurisdictions
- Protected process, applications, formulations, and trade secrets

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IP also enables monetisation through licensing and JV options

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## **OUTLOOK & PRIORITIES**

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Secure multi-year, high-volume supply agreements across priority markets



Collaborate with top food / bev engineers to improved process yields and efficiency



Finalise commercial pricing and volume terms in China



Undertake feasibility study for 10,000+ tpa facility to support local AU manufacturing



Attract JV and strategic partners for manufacturing scale up



Launch high-value co-products (Oil, Fibre and Gamma conglutin for full product utilisation



Support customer product launches and scale through repeat business



## **THANK YOU**

Matthew Skinner Chief Executive Officer M: (+61) 0468 303 620 E: matthew.s@wideopenagriculture.com.au

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