# THE NEW GLOBAL LEADER IN LUPIN-BASED PROTEIN

Investor Presentation | November 2023





ASX: WOA FRA: 2WO

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# NOVAX GROUP TAKES STRATEGIC STAKE IN WOA GERMANY

Investment arm of Axel Johnson Group, a leading Swedish family-owned business with SEK 118bn (A\$17.8bn) in turnover.

- Novax subsidiary Inga Group to sell and distribute WOA lupin isolate in Europe
- Customer Validation of WOA's lupin strategy from one of the region's largest food and retail businesses
- ✓ Inga Group is a leading specialty ingredient solutions provider with 200+ employees and relationships with many of the leading consumer food brands in the UK and Europe
- The companies are presenting together this week at Food Ingredients Europe, the largest industry event of the year, in Frankfurt



YEARINREVIEW

Buntine Protein® is ready NOW

Multiple new Buntine partners

Prolupin deal cements global leadership

Cash Burn reduced by over 50%

\$6.2m raise backed by large, long-term investors

Secured over \$15m in non-equity, non-dilutive financing (NAB, WA Grant)

# DEMAND FOR PLANT-BASED PROTEIN IS EXPLODING...



\$162bn

Total global plant-based retail market size (USD)1



22% of people globally now eat plant-based food<sup>2</sup>



42% of people say we will be eating plant-based food instead of meat in ten years<sup>2</sup>



79% of Millennials and Gen zers regularly eat plant-based<sup>3</sup>

<sup>(1)</sup> Bloomberg Intelligence, OECD FAO Agricultural Outlook 2021-2030

<sup>2)</sup> Grains of Truth 2: EAT - GlobeScan global consumer research on a sustainable food system

<sup>(3)</sup> https://infomineo.com/agriculture/plant-based-food-takeov

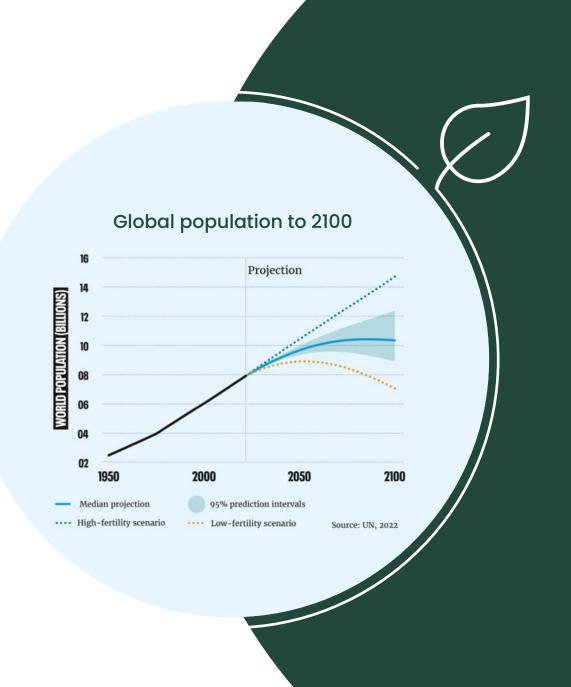
# PROTEIN DEMAND IS EXPECTED TO CONTINUE

#### The world needs more protein

- **Ø** Global population growing by over 80 million per year
- We will need to feed 9.7bn people by 2050
- Protein consumption will increase 32% 78% by 2050<sup>1</sup>

#### Protein is essential for humans

- **Ø** Critical nutrient your body needs to function properly
- Helps repair muscle and improves immune system
- Increasing recognition high-protein diets have benefits for weight loss



# TRADITIONAL PROTEIN IS TAKING A TOLL ON OUR PLANET



#### Livestock

- Accounts for 60% of all greenhouse gases from food production<sup>2</sup>
- Heavy land, pollution and water use





#### Seafood

- 35% of fish stocks have been fished beyond sustainable limits<sup>3</sup>
- Overfishing is impacting entire ecosystems



#### **Current Plant-based**

- Soy production generates greenhouse gases
- Soy also demands high energy, water and resource use

- (1) European Commission Joint Research Centre (JRC) (2) Poore & Nemecek (2018)
- (2) Xu et al 2021 "Global greenhouse gas emissions from animal-based foods are twice those of plant-based foods"
- (3) United Nations FAO's 2022 State of World Fisheries and Aquaculture (SOFIA) report

## **BUNTINE PROTEIN® IS THE ANSWER**

#### Better for the planet

- Breakthrough climate-conscious lupin-based protein
- Lupins play a key role in a grain cropping rotation to restore soil
- Minimal use of water and inputs





#### Better for consumers

- Cleanest, most neutral tasting protein on the market
- Suitable for all ages and diets
- Zero harmful substances

#### Better nutritional value

- Higher natural protein content than other legumes, including pea and soy
- Low fat and non-GMO
- Low GI and gluten free





#### **Better for Industry**

- Neutral flavor and color making it ideal for a broad range of food application
- Superior emulsification solubility and gelation compared to soy and pea- clean label



## PROVEN DEMAND FOR BUNTINE PROTEIN®



Industry is seeking sustainable alternatives



Large & growing pipeline







Indicative demand is 400+ tonnes





Entering Prolupin facility with high utilisation



Sales distribution secured in UK, Europe U.S. & ANZ



## AN ELITE PARTNER ECOSYSTEM



#### **Australia**

Australian subsidiary of one of the largest dairy companies in the world, brings expertise in manufacturing, spray drying, and large-scale distribution



#### Australia, NZ & Pacific Islands

Alchemy is a specialty distributor of high-performance food ingredients



#### Europe, UK

Novax AB is the investment arm of Axel Johnson Group, a Sweden-based conglomerate with over 10bn euro in annual turnover



#### U.S., West

Distributor of specialty ingredients to food, meat and nutritional manufactures. Experience in plant-based proteins



#### Europe, UK.

Inga Group, a subsidiary of Novax AB and Axel Johnson Group, manages a family of autonomous ingredients companies delivering healthy and sustainable food.



Fraunhofer

500,000 euro

investment

#### **Research Institutes**

Lupin research conducted by Curtin University, the Fraunhofer institute, AEGIC and CSIRO, constantly expanding our knowledge of lupin protein benefits



#### U.S., Central

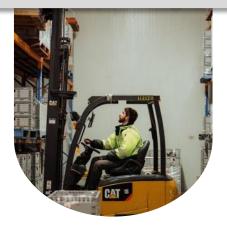
Kramer Group have exceptional, longterm relationships with many leading U.S. food manufactures



# WE CAN NOW MATCH DEMAND WITH PRODUCTION



#### **Pilot Production**



#### **Kewdale Facility**

- Operational pilot scale production facility located within Dirty Clean Food's production centre
- Primarily used for research and development and supplying samples

5-10tpa





#### Large Commercial Production





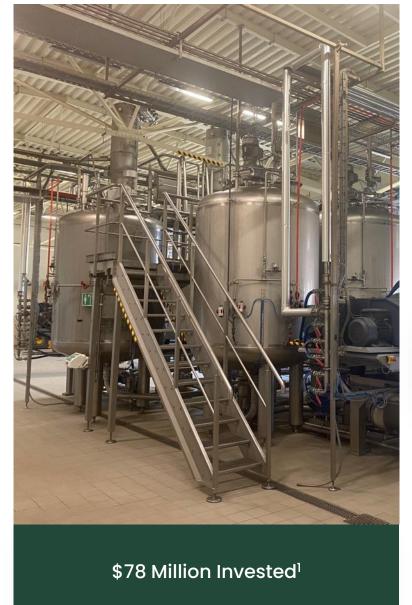
- WOA has signed a non-binding MoU with Saputo Dairy Australia, one of Australia's leading dairy producers
- Saputo will potentially provide WOA the path to large scale commercial production of Buntine Protein®

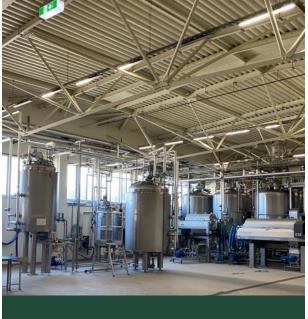
Potential 5,000tpa



# PROCUSITION

- Acquisition cost only A\$4.2m cash
- Ø State of the art manufacturing facility
- **Ø** Software assets & technical infrastructure
- 7 patent families related to lupin protein
- ☑ Prolupin sales pipeline of 100+ tonnes in addition to WOA's pipeline
- Experienced engineering team



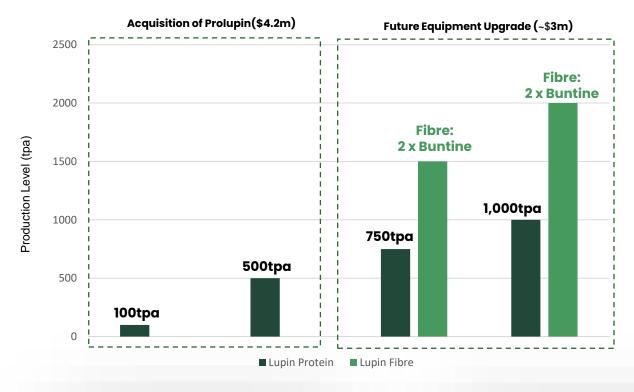


\$17.6 Million Replacement Book Value<sup>1</sup>



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## POTENTIAL PROLUPIN ASSET ECONOMICS



- Significant opportunity to capitalise on strong demand in B2B sales for Buntine Protein®
- Pricing expected to be above prior forecast of A\$10 A\$15
- Potential future lupin fibre sales could provide significant upside on the economics
- Margin upside expected with higher volumes



**Pea Protein** \$9,000 Per Tonne<sup>1</sup>



**Soy Protein** \$10,000 Per Tonne<sup>1</sup>

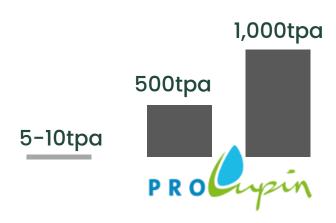


Buntine Protein® Expected to sell at a premium to pea & soy



# SAPUTO UNLOCKS LARGE SCALE COMMERCIAL MANUFACTURING

- Non-binding MoU signed with Saputo Dairy Australia Pty Ltd
- Provides a framework to negotiate a binding 'Definitive Agreement'
- Agreement provides optionality for large scale production of Buntine Protein®
- Ø Following a Definitive Agreement, commercial production is anticipated to commence in calendar year 2025





## **OUR IMMEDIATE PLANT PROTEIN PRIORITIES**

Manufacturing:	Q4 CY23	Q1 CY24	Q2 CY24	Q3 CY24	Q4 CY24
Capital raise to acquire Prolupin	<b>✓</b>	 			
Final creditor approval of Prolupin sale	<b>~</b>	 			
Complete Prolupin acquisition	<b>✓</b>				i ! !
Begin facility modification to produce Buntine Protein®					
Successful Buntine Protein® produced at the facility					
Facility expansion from 500tpa to 1,000tpa		 			+
Complete Saputo 'Definitive Agreement'					
Sales / corporate:					
Launch initial Buntine Protein® products in Australia					 
Initial sales and revenue received from Prolupin's pipeline					
Update on European sales partner	<b>~</b>				
Secure additional global sales distribution agreements		!	!		
Commercial sales from Prolupin facility					
Update on activity in APAC, USA & Europe					

# SUCCESSFUL CAPITAL RAISING WOA will issue approximately 31,147,740 new fully paid ordinary shares Issue price A\$0.20

Free attaching option to be issued for every share subscribed in the placement and SPP, expiring two (2) years from the date of issue, exercisable at A\$0.20 (subject to EGM approval)





#### Raised appx. A\$6.2m

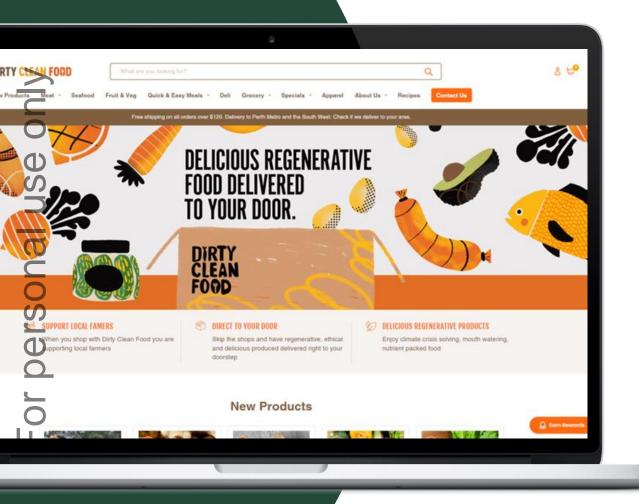
Secured binding commitments to raise approximately A\$6.2m @ \$0.20 per share

#### Undertaking SPP for up to A\$1.5m

Share Purchase Plan to raise up to A\$1.5m. Eligible WOA shareholders can acquire shares at the same issue price as the placement

WOA is funded to achieve all near-term initiatives, including investment in Prolupin facility to achieve 500tpa production of Buntine Protein®





## **DIRTY CLEAN FOOD**

Unique brand with a track record of fast growth

- Australia's leading regenerative food and beverage brand
- **2** 12.5% revenue growth vs PY (LTM)
- **Ø** 11,000+ loyal customers
- Strong distribution network in APAC; a market leader in Perth and WA
- **Ø** Rapidly improving contribution margin
- Quickly reducing burn with shortened timeline to breakeven

# DIRTY CLEAN FOOD STRATEGIC OPTIONS

- ☑ WOA continues to explore multiple strategic options for DCF that will drive shareholder value:
  - Progress DCF to profitability
  - License the brand to a third party
  - Sale of a minority/majority stake
  - Outright sale
  - Closing DCF





## **WOA COMPANY OVERVIEW**

Wide Open Agriculture Ltd.	WOA
Last Price	\$0.15
Shares Outstanding (m)	174.6
Market Capitalisation (m)	\$26.3
LTM Revenue (m)	\$11.5
Cash on Hand (m, Sept. 30, 2023)	\$3.9
Capital Raise (m, Oct. 19, 2023)	\$6.2

Top Shareholders	Holding
FANJA PON & HANS RAVE	19.6%
COMMONLAND FOUNDATION	8.0%
ANTHONY MASLIN	5.6%
DR BEN COLE	5.0%
FIRST SAMUEL LTD	5.0%
HELMSHOEVE HOLDING B.V.	2.5%

#### **EXECUTIVE TEAM**



Chief Executive Officer





99% CAGR FROM FY20-FY23

\$9.8m

2022

\$1.4m 2020 2021

THE BOARD







2023

## THANK YOU.

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