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THE FUTURE OF DAIRY

IS COW FREE

CARBON NEUTRAL

milkCELL

A2 MILK

ZERO COW

3% PROTEIN
ZERO LACTOSE



The dairy industry is a global \$800 Billion US market ..

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So what really is milk ?

“The key to understanding the disruption of milk is that precision fermentation only needs to disrupt 3.3% of the milk bottle – the key functional proteins – to bring about the collapse of the whole cow milk industry”

Rethink X – Rethinking Food and Agriculture
2030 Report



87% Water

9% Fats, carbohydrates

3.3% Proteins

All G's science team has created all the major dairy proteins and automated casein micelle assembly (patented)

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CASEIN PROTEINS

- ✓ Alpha S1-casein
- ✓ Alpha S2-casein
- ✓ Beta-casein (*E.coli*)
- ✓ Kappa-casein (*E.coli*)

WHEY PROTEINS

- ✓ Beta-lactoglobulin
- ✓ Alpha-lactalbumin
- ✓ Lactoferrin

KEY DEVELOPMENTS

All G has automated the assembly of stable Casein Micelles driven by a unique algorithm developed over the last 20 years (Carl Holt)

Casein micelle patent experiments
Patent application submitted

Australian Government
IP Australia
31 May 2022

Delivering a world leading IP system
Phone: 1300 651 010
International: +61 2 6283 2999
www.ipaustralia.gov.au
ABN: 38 113 072 755

Notice of filing for provisional patent application

Phillips Ormonde Fitzpatrick
PO Box 525
COLLINS STREET WEST VIC 8007
Australia

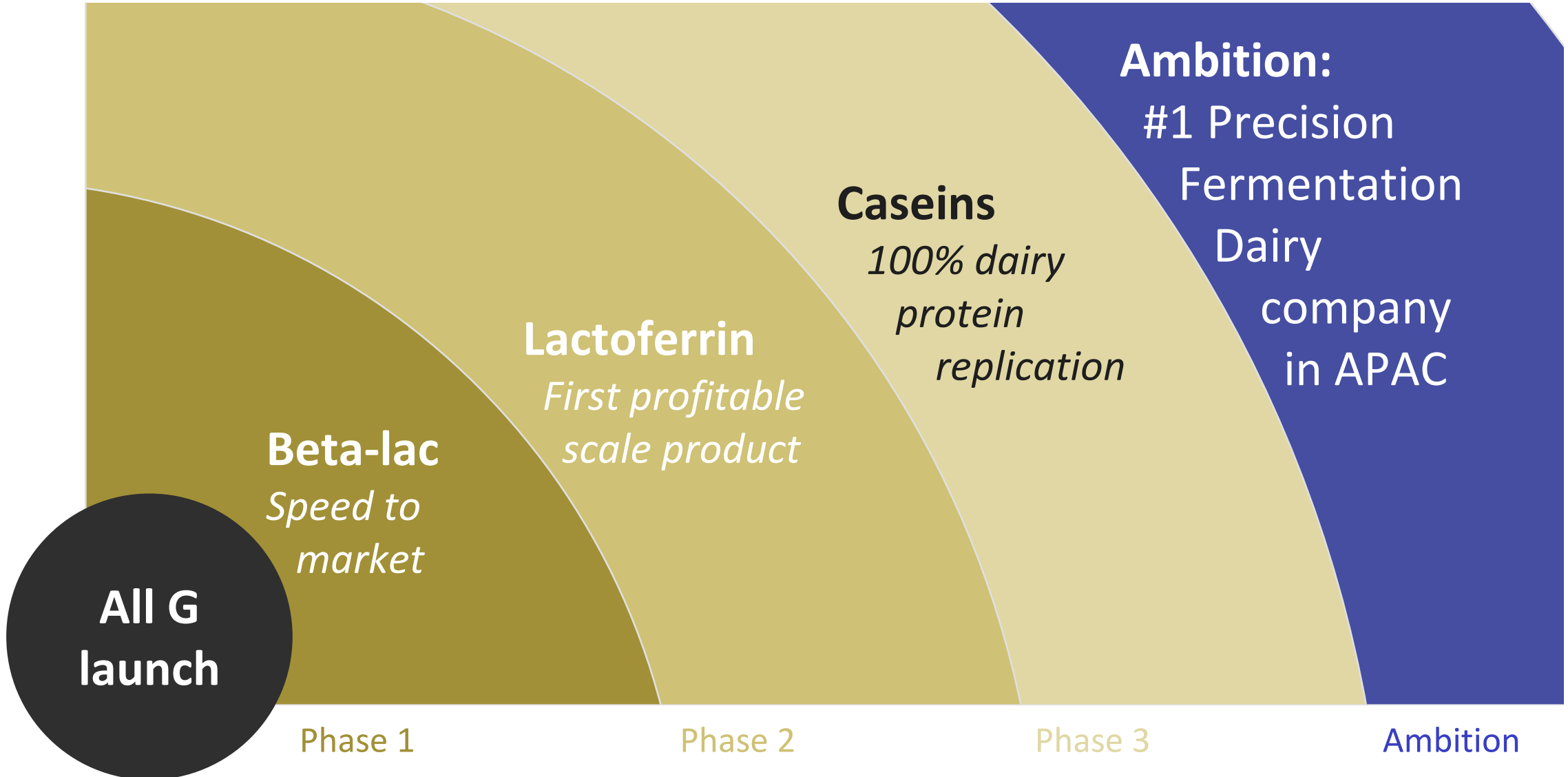
Your reference	1211247
Application number	2022501459
Applicant name	All G Foods Holdings Pty Limited

Our dairy proteins and products are designed identical to their dairy counterparts without the cow. The key benefits ARE significant vs existing plant and dairy products limitlessly good

		HEALTH BENEFIT	SUSTAINABILITY	ANIMAL WELFARE	FUNCTIONALITY	FLAVOUR / TASTE
 <p>ALL G COW FREE</p>		A2, AND FREE FROM LACTOSE, CHOLESTEROL, HORMONES AND ANTIBIOTICS ✓	MINIMAL LAND USE AND LOW TOTAL CHG IMPACT ✓	ANIMAL FREE ✓	GOOD: FROTHING, MOUTHFEEL/ GELATION ETC... ✓	GOOD: IDENTICAL DAIRY ATTRIBUTES ✓
	ANIMAL DAIRY	CONTAINS CHOLESTEROL AND SATURATED FAT	HIGH IMPACT	HIGH IMPACT	GOOD ✓	GOOD ✓
	PLANT-BASED	ALLERGENS, PROTEIN AND VITAMIN DEFICIENCIES	MIXED ENVIRONMENTAL IMPACT	ANIMAL FREE ✓	POOR: REQUIRES GELS AND BINDERS TO MIMIC	POOR: REQUIRES FLAVOURS/ MASKING SYSTEMS

Asia Pacific is 45% of the Global dairy market . All G has outlined 3 stepping stones to become APAC's leading Precision Fermentation Dairy company

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Phase 1 Beta-lactoglobulin

All G will launch a first product in record time

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WHAT IS THE GOAL?

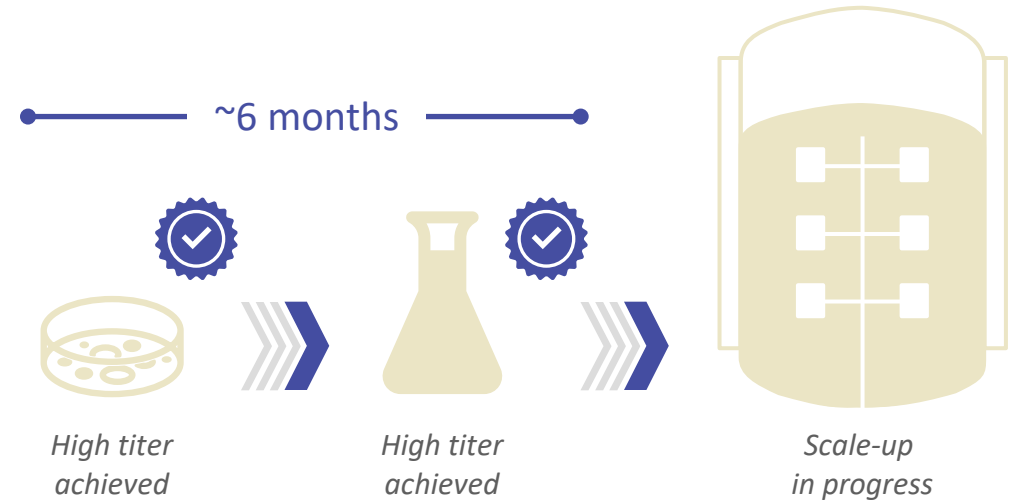
Launch our first animal-free dairy product, rich in essential amino acids



WHY WILL WE WIN?

We have produced beta-lactoglobulin at high yields (titer), ready for scale-up and accelerating time to product launch

Titer = amount of protein produced per liter of ferment (g/L)



PROGRESS TO DATE | All G are scaling up production for a launch in Singapore, 2024

Phase 2 Lactoferrin

All G are optimising the fermentation process to launch a profitable portfolio of lactoferrin-enriched functional foods

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WHAT IS THE GOAL?

Launch animal-free functional foods, enriched with lactoferrin for its immunity and iron absorption benefits

WHY WILL WE WIN?

We are one of a few companies to successfully produce this protein at close to break-even yields



PROGRESS TO DATE | All G are on track to submit for regulatory approval by 2024

Phase 3 Caseins

All G will fully replicate the taste and texture of traditional dairy with a breadth of proteins and proprietary casein micelle assembly IP

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WHAT IS THE GOAL?

Produce *limitlessly good* animal-free dairy products with the same taste, texture and proteins that we know and love



WHY WILL ALL G WIN?

All G has automated the assembly of stable casein micelles, to fully replicate the functional properties of traditional milk

Casein micelle patent experiments
Patent application submitted

Australian Government
IP Australia
31 May 2022

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PROGRESS TO DATE | Patents in casein micelle assembly

All G has a world leading team with a proven track record of excellence in their respective fields

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Exec Team:

- CEO/ Founder has led company to IPO and managed >\$1B P&L
- Chair is ex-CEO Unilever Asia-Pacific
- CTO is a globally respected food scientist and engineer
- Exec team have key functional experience to scale a fast and sustainable business globally

Next Gen Dairy:

- #1 in the world Casein expert
- #1 in the world synthetic biologist (Casein Assembly)
- Global team of PhD Synthetic biologists and bio manufacturing expertise

Commercial Team:

- Core team have demonstrated delivery in scaling businesses from 0 – \$500m



Nestlé



Unilever



CSIRO



THE UNIVERSITY OF SYDNEY



P&G

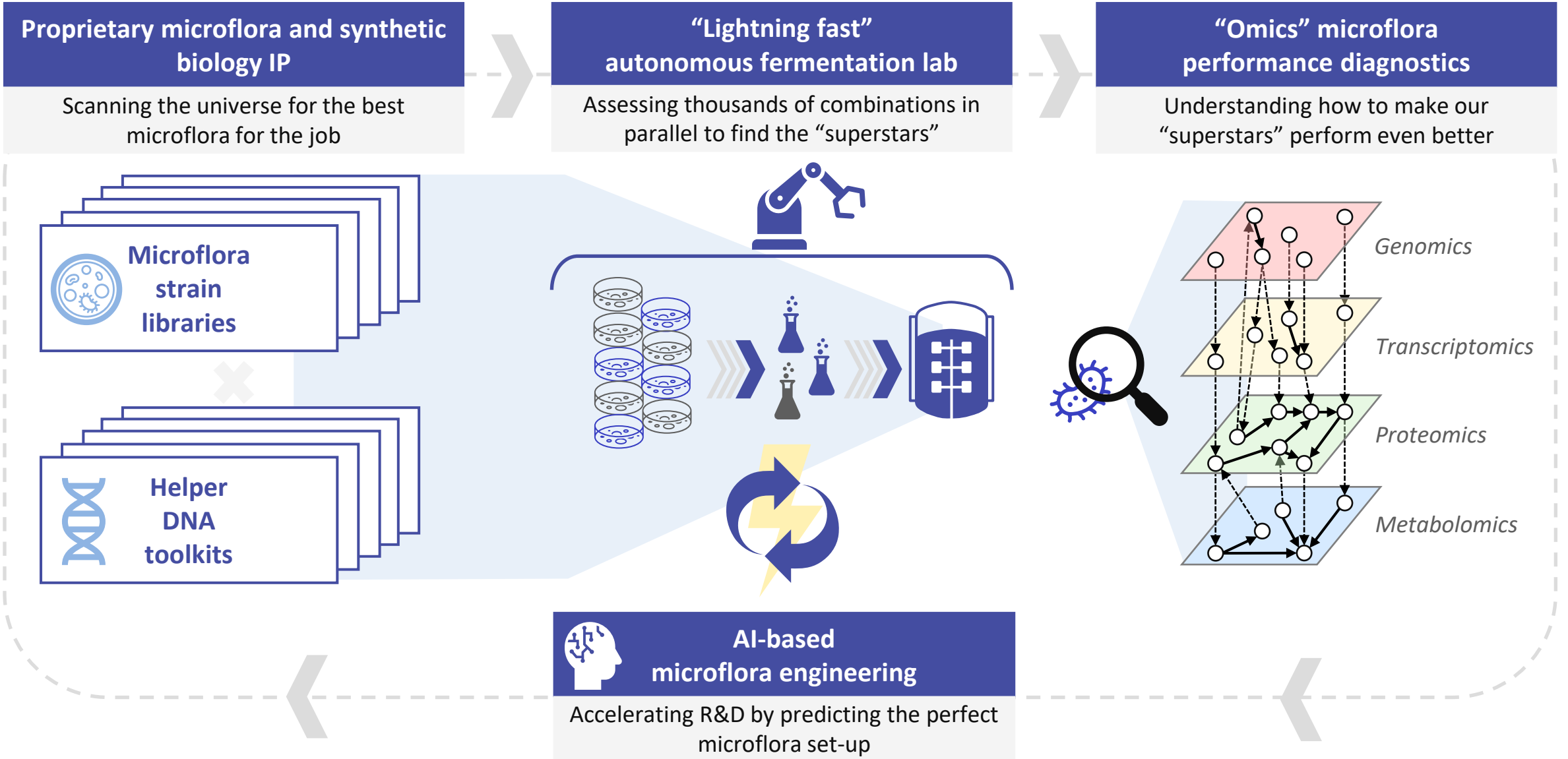
BAIN & COMPANY

Vow



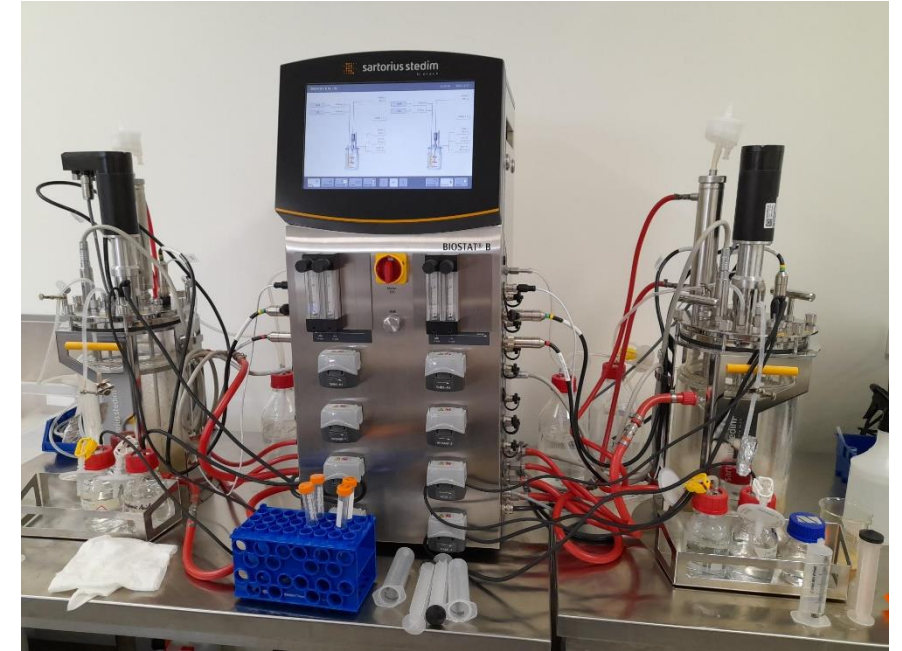
Dairy for life

Uber Eats



All G's team has a world-class technology platform to perfect the precision fermentation process at lightning speed

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The autonomous Biofoundry will assess thousands of combinations of microflora and helper DNA toolkits and rapid speed, and help predict the optimal precision fermentation set-up

Strategic investment from one of the worlds largest retailers (\$65Billion AU revenues), giving All G access to their powerful ecosystem in home market before expanding internationally

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Woolworths Group (Australia)

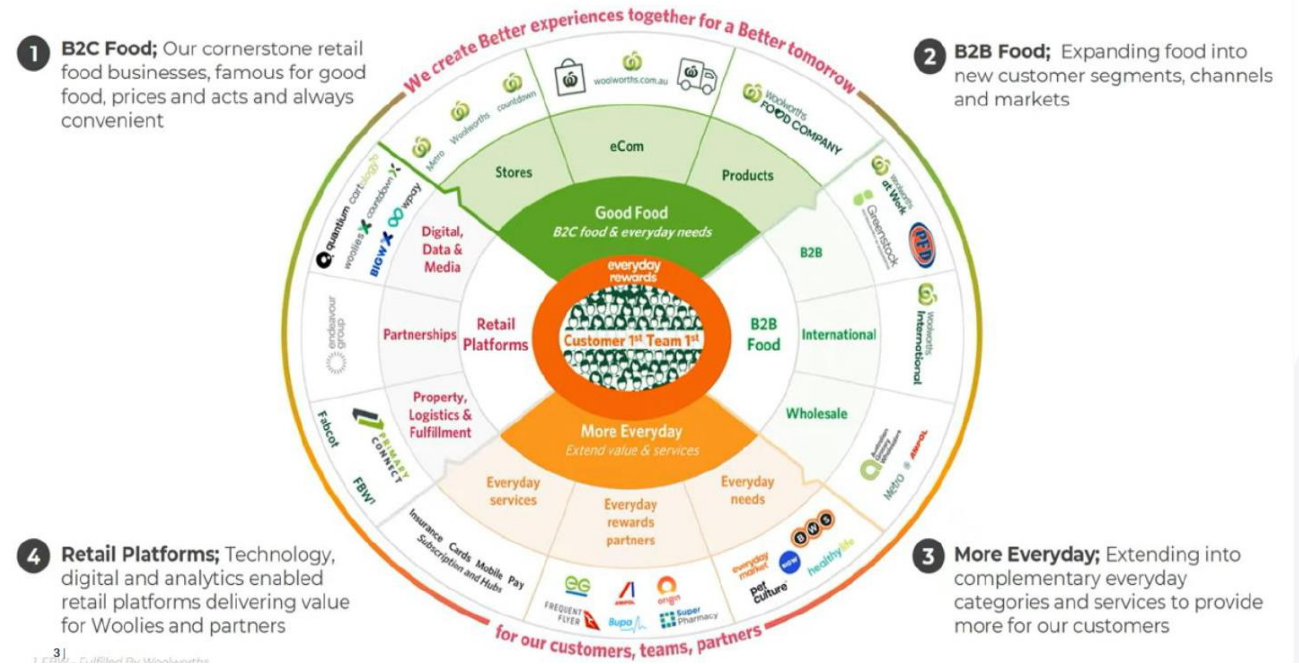
Company description

- **Largest retailer** in Australia and NZ (45% market share)
- **Largest online grocery** business and largest plant-based category
- **Large B2B business** across healthcare, aged care and catering
- **Strong Asia distribution** business

How it helps All G

Access to the WW ecosystem, unlocking significant benefits, e.g.:

- Favoured **retail channel access**
- Access to **Asia distribution contacts**



Partnerships in the works with 8+ leading dairy/ FMCG players globally



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