



COMPANY

PRESENTATION

EMPOWER FARMERS | NOURISH PEOPLE | RESTORE THE EARTH

March 2023

RLF AgTech

Ken Hancock – Managing Director & CEO (Global)

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Disclaimer



With a finite amount of arable land in the world, we must look to innovative technologies to maximise farming efficiency by increasing crop yields and quality without the need to use more granular fertiliser in the soil.



KEN HANCOCK
MANAGING DIRECTOR & CEO (GLOBAL)

Our Business

Advanced Crop Nutrition

What we do in Crop Nutrition

Innovative Products that target yield increases and produce quality improvements for the world's major crops and help restore soil health and reduce the need for as much traditional fertilisers.



Through the use of our Plant Proton Delivery Technology ('PPDT'), our advanced seed and foliar nutrition Products increase yield and improve quality, whilst helping to reduce chemical soil fertiliser applications.

RLF Products build soil carbon by sequestering and storing CO₂ from the atmosphere.

In 2022 revenue was **\$10.7 million**



Pre-COVID (2020) revenue increases year on year was

60%¹

We have established over 400 distributors in Asia and many other international markets.

Carbon

What we do in Carbon



Our technology has the potential to generate significant Australian Carbon Credit Units (ACCUs) without disruption to current Farmer practice.

RLF will focus on driving ACCU generation over the 23M hectare of Australian grain growing farmlands by using our products and systems, supported in the filing of provisional patent "A Methodology for Accumulating Carbon in Soils".



We believe the opportunity in the Australian Grain Sector in the next

25 years

Is circa

\$200+ billion²



of accessible carbon credit revenue.

This may create significant future annuity revenue for our Company.



Our Future



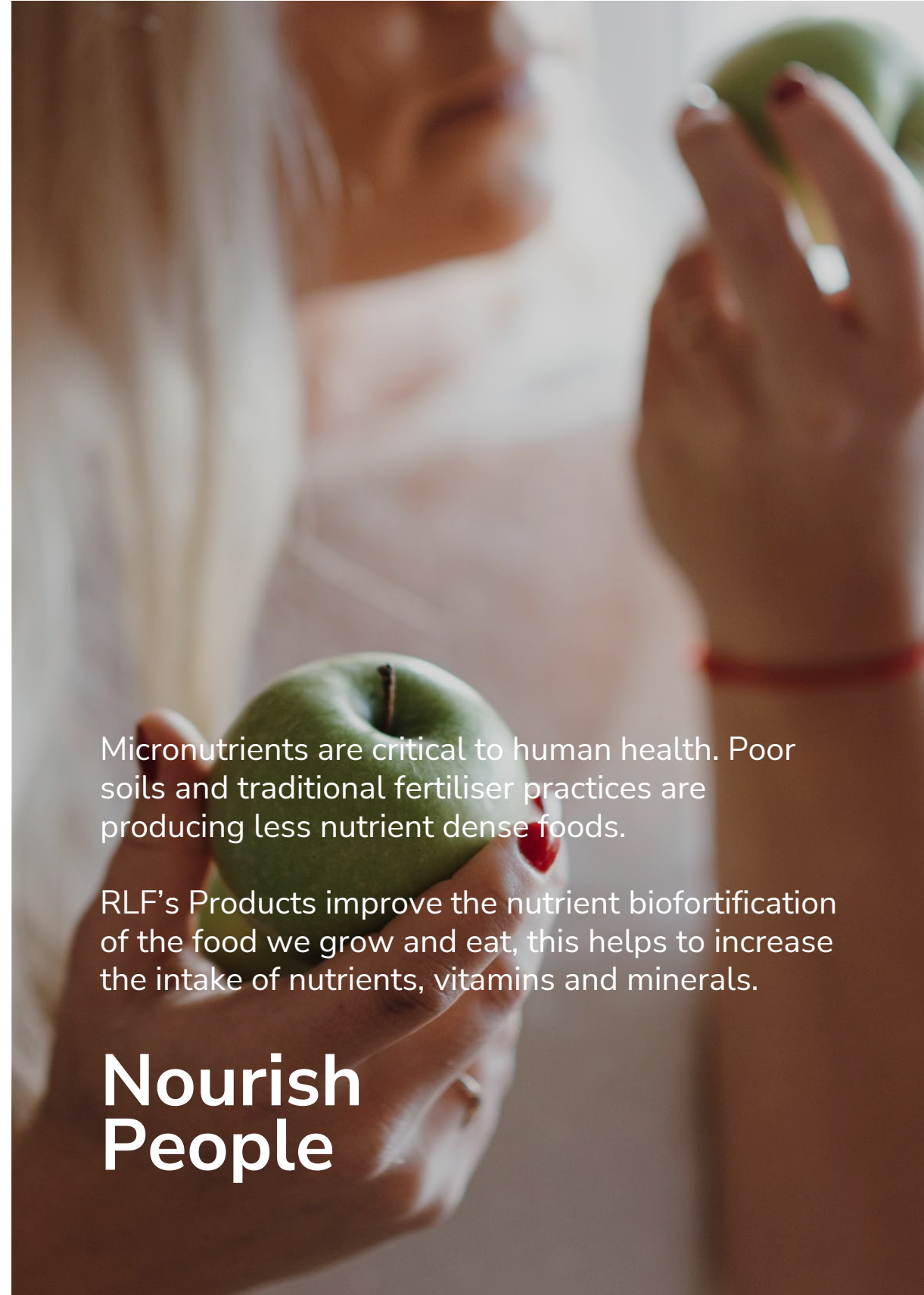
RLF Products target yield increases of 10-30% above traditional fertiliser practice, plus increase the nutritional value, both factors vital to helping improve global food security.

RLF technologies help farmers reduce soil applied chemical fertiliser use by up to 20%.

We allow farmers to do more with less, helping increase farm profits, improve sustainable soil health and reduce carbon output.

Empower Farmers

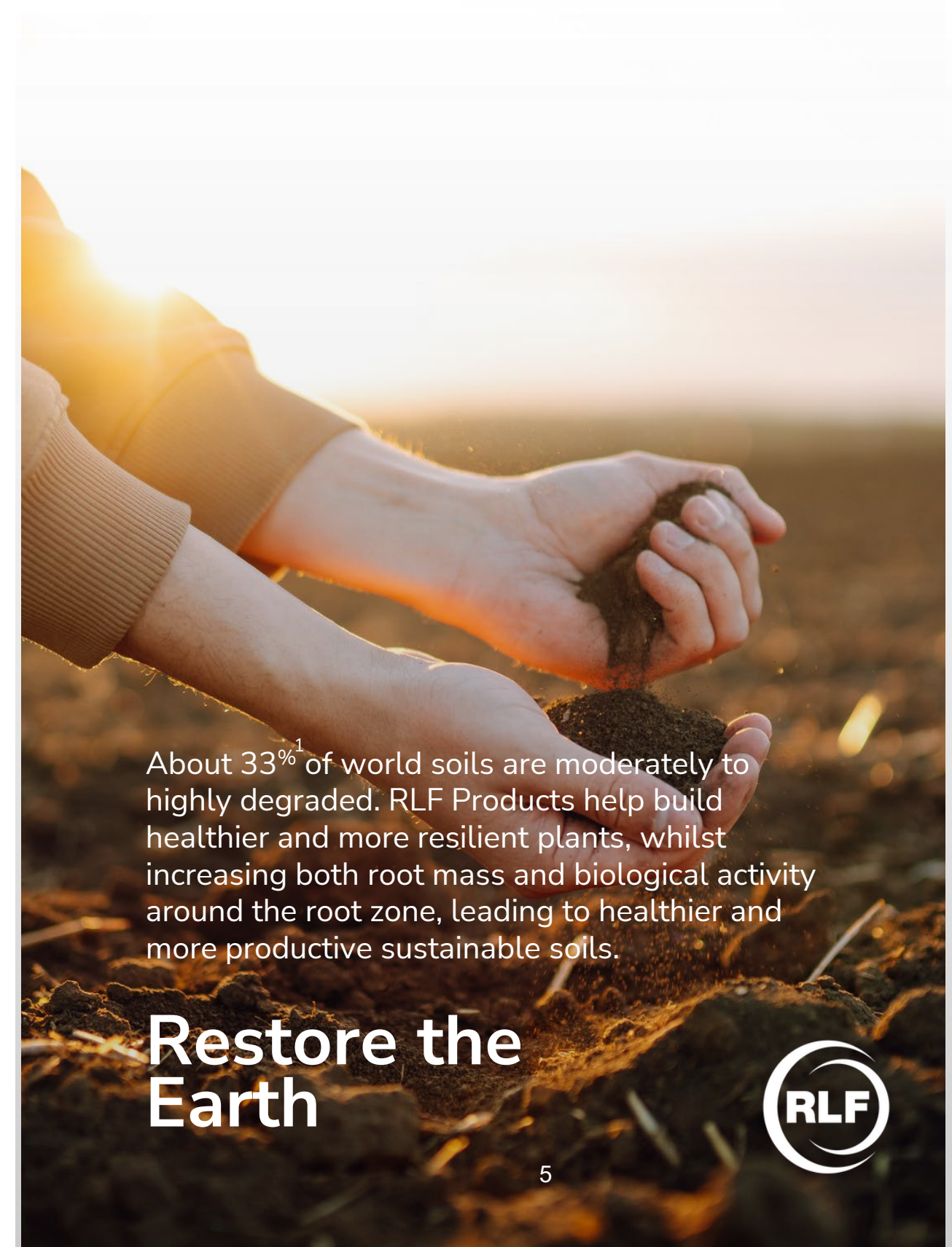
1. Reference: <https://news.un.org/en/story/2014/07/473762>



Micronutrients are critical to human health. Poor soils and traditional fertiliser practices are producing less nutrient dense foods.

RLF's Products improve the nutrient biofortification of the food we grow and eat, this helps to increase the intake of nutrients, vitamins and minerals.

Nourish People



About 33%¹ of world soils are moderately to highly degraded. RLF Products help build healthier and more resilient plants, whilst increasing both root mass and biological activity around the root zone, leading to healthier and more productive sustainable soils.

Restore the Earth



Today's Global Issues

Food Security

Global food production requires



70%¹ **increase**
over the next
30 Years

Harmful Fertilisers

Government mandates in some countries are targeting

30-70%

Reduction of Nitrous Oxide
in Fertilisers

by **2030**²



CO₂ Emissions

Carbon storage and sequestration

58% of emissions come ³
from fertilisers in
Broadacre Agriculture!



Increase Yield



Our Australian developed
PPDT aims to significantly increase
yield by

10-30%

Scalable technology, proven in over

1,000 trials

Reduce Soil Applied Fertiliser by

20%

When using RLF products, reduction of the
use of chemical fertilisers results in



Improved soil
biology and fertility



Healthier crops

Increase Soil Carbon

PPDT improves carbon sequestration
and storage through increased plant
biomass below surface.

In the **Australian grain market alone**
we potentially could generate...

over \$200B

of ACCUs over 25 year carbon project life

1. <https://www.agriculture.gov.au/sites/default/files/sitecollectiondocuments/abares/publications/Outlook2012FoodDemand2050.pdf>

2. Netherlands - <https://www.reuters.com/business/environment/dutch-farmers-protest-plan-curb-nitrogen-pollution-2022-06-22/>

Canada - <https://www.cfib-fcei.ca/en/media/federal-governments-plan-to-cut-fertiliser-emissions#:~:text=Federal%20government's%20plan%20to%20cut,voluntary%20for%20Canadian%20agri%2Dbusinesses>

3. Reference: <https://www.abc.net.au/news/2022-08-11/grain-industry-push-to-reduce-greenhouse-gas-emissions/101321302>



Global Demand & Market Overview

Global Nutrition Market
2026
\$257.5 billion¹
 Global fertiliser & nutrition market by 2026
8.9% CAGR²
 Micro nutrient market with highest margin vertical sector by 2026



Global Carbon Demand Scenario

100x factor³
 Estimated increase in demand for carbon credits by 2050

\$520 billion
 13Gtn at \$40/TN ACCUS²

20% fertiliser reduction⁴
 Mandated in the Farm to Fork strategy from the European commission. Central pillar issued to reduce fertiliser usage by 2030³

1. FAO Stat 2017
 2. Fortune Business Insights TM, Feb 2020
 3. McKinsey Sustainability, January 2021
 4. https://food.ec.europa.eu/system/files/2020-05/f2f_action-plan_2020_strategy-info_en.pdf



RLF believes the key driver in maximising crop yields for farmers globally is continued Research and Development of the latest plant nutrient technologies.



KEN HANCOCK
MANAGING DIRECTOR & CEO (GLOBAL)

Research & Development

Our research team

23 Scientists, Researchers and Agronomist in R&D.

From laboratory research through to international field research.

Integrated full-capability team developing technologies from laboratory concept, to scale up formulation, through to field-ready application.

Proprietary technology

Plant science and chemistry come together to provide high performance crop nutrition products, driving crop yields, quality and potential for soil carbon increases.

Products supported by Patent applications:

- A Method for Improving Plant Growth and Yield (App No. 2022901264)
- A Method for Accumulating Carbon in Soils (App No. 2022901264)

Institutional expertise

R&D team collaborates with world leading universities and agricultural institutions for product development and field trials.

Emissions reduction research

Expanding research into CO₂ sequestration, soil carbon and soil fertiliser reductions to reduce global green house gas emissions.

Operations



China

Asian facilities located in China benefit from lower operating costs and are ideally placed to service Asia.

Focus on retail packaging.



Australia

Australian facilities,¹ based in Western Australia and focus is on large pack sizes and bulk products.

Supply into Australian carbon projects.

14,000 sqm

Formulation, packaging and manufacturing area.

Efficient and environmentally friendly production footprint.

Formulation capacity of...

20,000 tonnes of liquids per annum

1. Australian production facility owned and operated by our exclusive licensed Australian distributor

Advanced Crop Nutrition Technology

Delivering Exceptional Results and Return on Investment for Famers



Sun
Photons

RLF Proton
Technology

①

②

③

④



Improve crop yield and quality



Increase uptake of soil fertilisers



Improve water use efficiency



Increase plant biomass above and below the ground



Improve soil biology and health



Increase soil carbon

1

Our PLANT PROTON DELIVERY TECHNOLOGY (PPDT) adds to the plant's natural energy system that is powered by photons from the sun. PPDT chemistry binds protons with essential nutrients and acts at the plant cellular level to increase sugar production and plant metabolism.

2

Direct Seed and Leaf applications deliver nutrients and energy directly into a plant via PPDT.

3

PPDT drives larger root systems for better nutrient uptake, more robust crops, healthier soils and can reduce the need for applied chemical fertilisers up to 20%.

4

Increased root mass improves water retention and increases water and nutrient use efficiency.



Market Segments

Feeding the World

MARKET SEGMENTS



Seed Primer

Our Seed Primers apply our Plant Proton Delivery Technology directly inside seeds before planting to give them the nutrients they need for a vigorous start to life.

Typical Yield Increases

5-15%

Typical Yield ROI

8-10x



Soil and Fertigation

Our Soil & Fertigation products deliver a powerful nutrient package to budding seedlings through irrigation or ground injection.

Typical Yield Increases

5-10%

Typical Yield ROI

2-4x



Foliar

Our Foliar products are applied directly to a crop's leaves to deliver micronutrients through their natural physiological processes.

Typical Yield Increases

10-30%

Typical Yield ROI

4-8x

INVESTOR DECK



Plant Proton Delivery

Technology at Work

Control

RLF Treated



Control

RLF Treated



Control

RLF Treated



PPDT Trial Results

Successful Outcomes Through Thorough Research

Australia	Treatment	Crop Type	Yield Increase	Farmer ROI
Gilgandra, NSW	Seed/Foliar	Wheat	30%	11.0x
Dalwallinu, WA	Foliar	Wheat	30%	4.5x
Gardiner, WA	Foliar	Barley	29%	4.8x
Pinery, SA	Foliar	Wheat	27%	7.8x
Bool Lagoon, SA	Foliar	Barley	23%	5.7x
Esperance, WA	Foliar	Canola	23%	10.0x
Allora, QLD	Foliar	Sorghum	20%	6.2x
Beverly, NSW	Foliar	Wheat	13%	7.8x
Moree, NSW	Foliar	Wheat	36.0%	166.7x
Maya, WA	Foliar	Lupins	51.3%	73.8x

China	Treatment	Crop Type	Yield Increase	Farmer ROI
Shuzhou Anhui	Seed	Wheat	30%	11.0x
Xiangcheng, Henan	Seed	Wheat	30%	4.5x
Xiangcheng, Henan	Seed/Foliar	Barley	29%	4.8x
Zhoukou City, Henan	Foliar	Wheat	27%	7.8x
Kaifeng City, Henan	Foliar	Barley	23%	5.7x
Wusu, Xinjiang	Foliar/Fertigation	Canola	23%	10.0x
Inner Mongolia	Foliar/Fertigation	Sorghum	20%	6.2x
Lianyugang City, Jiangsu	Foliar	Wheat	13%	7.8x
Xiangchen, Henan	Seed/Fertigation	Wheat	54%	192.0x

Americas	Treatment	Crop Type	Yield Increase	Farmer ROI
Illinois	Seed	Mazie	12%	88.6x
Illinois	Seed	Mazie	13%	88.6x

Other Regions	Treatment	Crop Type	Yield Increase	Farmer ROI
Bangladesh	Foliar	Spinach	20%	18.9x
Bangladesh	Foliar	Cabbage	18%	17.0x
Bangladesh	Foliar	Tomato	44%	15.9x
Sri Lanka	Foliar	Tea	10%	15.3x
Sri Lanka	Seed	Rice	7.7%	14.0x
Sri Lanka	Seed	Rice	33%	11.2x
Turkey	Seed	Barley	25%	15.7x
Turkey	Seed	Wheat	20%	17.9x
Tunisia	Seed	Wheat	38%	274.8x

A small segment of the 1000+ trials show the PPDT is effective across all environmental conditions, soil types and farming practices worldwide

PPDT Trial Results

Exceptional Stand-Out Results

China

Xiangchen,
Henan

Yield Increase

54%

Wheat

Farmer ROI

192.0^x

Australia

Moree,
NSW

Yield Increase

36%

Wheat

Farmer ROI

166.7^x

Australia

Maya,
WA

Yield Increase

51.3%

Lupins

Farmer ROI

192.0^x

Australia

Esperance,
WA

Yield Increase

23%

Canola

Farmer ROI

160.0^x

Africa

Tunisia

Yield Increase

38%

Wheat

Farmer ROI

274.8^x

We see our technology as critical to feeding the growing population and a key piece in helping the world achieve net zero in agriculture and sustainable farming practices.



DONALD MCLAY
CHAIRMAN

RLF AgTech Plans for Growth



Expand our Global Team

- Expansion of our sales teams to 100+ personnel in Asia
- Implementation of growth strategies for South-East Asia, India, the Americas, Europe and Africa
- Develop dedicated expertise for each key market sector



Grow our Global Network

- Target existing market channels through established and growing sales team
- Penetration of substantial and high growth markets to provide significant revenue accretion such as the US and Europe
- Over 400 distributors already established as a base for growth



Research and Development

- Development of patents for product sales security and international licensing opportunities
- Advance in-house research and development capability.
- Expand scientific collaboration with universities, industry and growers
- Tangible target of 30-50% increase in yield and reduction of chemical fertilisers of greater than 50%



Launch RLF Carbon Model

- Commence large scale ACCU generation projects with our key industry partners
- Capitalise on provisional patent for Accumulating Soil Carbon
- Commence commercialisation of carbon business in Australia followed by future international expansion

Our mission is sales growth and by achieving this – we also help the world achieve better, more efficient and healthier crop nutrition, plus increase the sequestration of CO₂ into the soil.



GAVIN BALL
EXECUTIVE DIRECTOR

RLF AgTech Carbon Credit Model²

An Internal RLF AgTech Study and Modelling on the Potential Carbon Opportunity for entire Australian Grain Crop Reveals the Following:

Australian carbon price

\$36.50¹

ACCU revenue estimated to be...

\$2.5 billion per annum

OR

\$63 billion

over the 25 year life of the project.

Additional farmer revenue

related solely to yield, estimated to be...

\$3.7 billion per annum

&

\$93 billion

over the 25 year life of the project.

ACSS RLF Product Revenues

estimated to be...

\$460 million per annum

&

\$11.5 billion

over the 25 year life of the project.

ACSS Benefits

The increase in **Yields & Quality** For farmers

Reduce Greenhouse Gas Emissions while increasing CO₂ sequestration

The creation of **Direct Soil Carbon and ACCUs (Australian Carbon Credit Units)**

RLF will continue to expand our knowledge in crop nutrition technology to enrich our product offering to further improve the quality of food and integration into sustainable farming practices.



DR MIKE LU
CEO (ASIA)

Timeline of Achievements

Apr 2022

Listing on ASX raising

\$8.5M



June 2022

OEM Contract Secured

\$1M

Cambodia Distribution Agreement

\$1.7M



Aug 2022

Record Revenue

\$10.7M

Financial Year 2022 +26%



Nov 2022

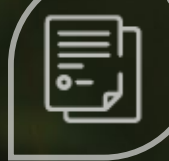
ASX Announcement
Opening of Vietnam office



May 2022

Annual Forward Sales Contracts

\$1.2M

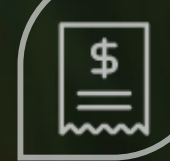


Jul 2022

Record Cash Receipts

\$10.2M

Financial Year 2022 +26%



Sept 2022

New Product Announcement

Veridium

Launched to Market

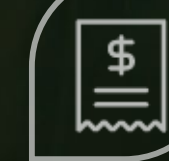


Jan 2023

Record Cash Receipts

\$6M

6 months of Financial Year +38%



Cash receipts up
38%
From HY22

Inventory Up
200%
From June 22

Gross profit
56%
Increase of 14%
From HY22

Cash
\$5.1M
at 31 Dec 22

Strong Cash Position and Operations HY23 Results

In millions (\$AUD)

Revenue	2.8
Gross Profit	1.6
Gross Profit Margin (%)	56%
Less: Total Operational Costs	(4.5)
Net Profit/(Loss) after Tax	(3.0)
EBITDA	(2.8)

Corporate Structure

Board and management have a significant stake and a commitment to deliver.

Share Register Ownership ¹

Top 5

50.65%

Top 20

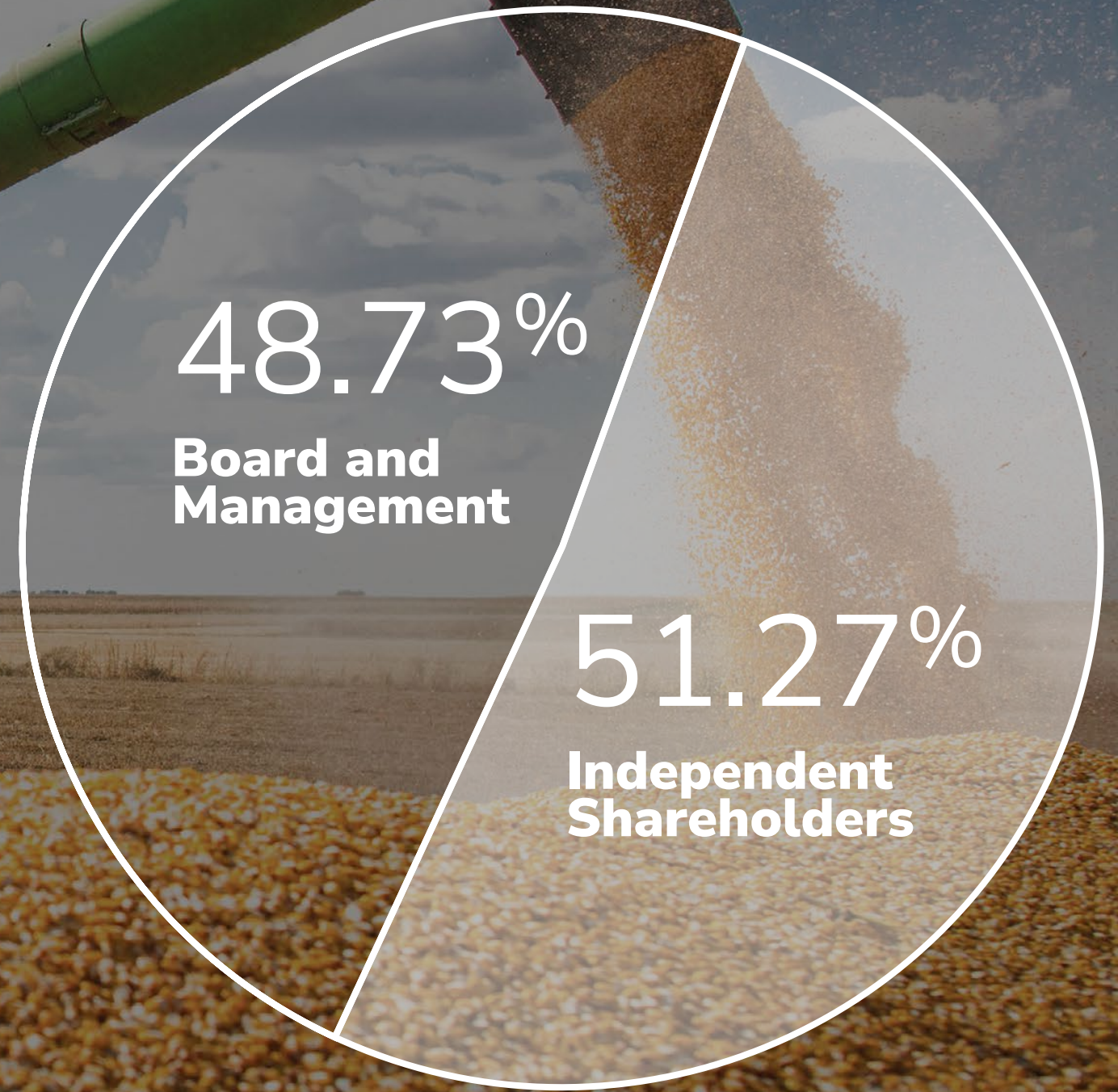
70.97%

Top 10

60.40%

Top 50

83.51%



Name	Unit	Amount ²
Current Share Price	A\$/sh	0.195
No. of Shares Outstanding	M	184.9
No. of Options	M	26.2
Market capitalisation (undiluted)	A\$m	36.0
Cash (as at 31 Dec 2022)	A\$m	5.1

1. From Share Registry dated 13/03/2023
 2. Figures Stated as at 10/03/2023

Board Members



DONALD MCLAY
CHAIRMAN

Don is a highly experienced company director. Don was Chairman of Credit Corp (ASX:CCP) during which time he presided over a market capitalisation increase from \$20 million to in excess of \$2 billion



KEN HANCOCK
MANAGING DIRECTOR & CEO (GLOBAL)

With over 20 years operational experience in mid-sized manufacturing and distribution businesses, Ken has been responsible for the development of RLF's core business assets, including our expansion into China, the world's largest crop nutrition market.



DR. MIKE LU (PH.D.)
CHIEF EXECUTIVE OFFICER (ASIA)

Responsible for Asia operations with significant management experience in Chinese crop nutrition markets, Dr. Lu holds a Ph.D. in Soil Science and Plant Nutrition.



GAVIN BALL
EXECUTIVE DIRECTOR

Gavin is responsible for managing global distribution of the RLF product range and providing other corporate and executive support to the operating business groups.



LIZA CARPENE
NON-EXECUTIVE DIRECTOR

Liza's executive experience encompasses corporate governance, social responsibility, stakeholder engagement, statutory reporting, human resources and day to day operational management, with an emphasis on leading companies through periods of growth and transformational change.



PAUL MCKENZIE
NON-EXECUTIVE DIRECTOR

Paul is the Managing Partner of Agrarian Management Consultants to Agriculture, a leading Western Australian agriculture consultancy with offices in Geraldton, Perth and Katanning.



Increased Resilience & Performance



Long-term RLF AgTech customer, Andrew Trotter, discusses the resilience and performance of his crops in 2022.



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CODE TO VIEW VIDEO

SIGNIFICANT YIELD INCREASE

Thank You

This presentation has been authorised for release by the Board of Directors.



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Appendix A

Estimate of Financial Benefits to Grower from Soil Organic Matter (OM) using RLF's Accumulating Carbon in Soils System (ACSS)

	Units	Per Hectare	Average Farm	Average Farm	Australian Grain Market
Area Size	ha	1	2,000	2,000	23,000,000
Time	Years	1	1	25	25
Organic Matter Generated Above Baseline	Tonnes	6	12,000	300,000	3,450,000,000
Average Total ACCU Generated	ACCUs	3.0	6,000	150,000	1,725,000,000
ACCU Spot Price	A\$	36.50 ¹	36.50	36.50	36.50
ACCU Market Value	A\$	110	219,000	5,475,000	62,962,500,000
Current ACCU Testing & Compliance Costs	A\$/ha	21.5	43,000	559,000	6,248,500,000
Projected 2025 ACCU Testing & Compliance Costs	A\$/ha	2.5	5,000	65,000	747,500,000
Number of Tests vs Baseline in Time Period	#	1	1	13	13
Current Marginal ACCU Cost	A\$/ha	7.17	7.17	3.73	3.73
Projected 2025 Marginal ACCU Cost	A\$/ha	0.83	0.83	0.43	0.43
Current Net ACCU Value	A\$	88	176,000	4,916,000	56,534,000,000
Projected Net ACCU Value	A\$	107	214,000	5,410,000	62,215,000,000
Grower Benefit from ACSS Yield Increase	A\$	162 ¹	323,658	8,091,456	93,051,744,843
Cost of RLF ICNCS System	A\$	20	40,000	1,000,000	11,500,000,000
Total Net Grower Benefit	A\$	230	459,658	12,007,456	138,085,744,843

1. <https://accus.com.au> – on and around 8 March 2023
 2. Assumes 14.6% crop yield increase, 2 tonne crop yield per hectare and a blended average spot price of key grain commodities based on production