



**ROTOGRO**<sup>®</sup>  
INTERNATIONAL LIMITED

# REVOLUTIONISING THE FUTURE OF AGRICULTURE

November 2020





ROTOGRO®  
INTERNATIONAL LIMITED

RotoGro is an agricultural company focused on **Cultivation Partnerships** leveraging our **Patented and Proprietary Technology**

Ref: US Patent #10/365,681

Ref: Canadian Patent #2,908,184

Ref: European Patent #EP 3 155 896 B1



# INVESTMENT HIGHLIGHTS



## Multiple Diversified Revenue Streams.

Technology Sales of RotoGro's Rotational Garden and Fertigation Systems, cultivation royalties, and profit share.

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## Patented Agricultural Technology and Proprietary Software.

Delivering proven yield increases, reduced operational costs and enhanced product consistency.

Ref: US Patent #10/365,681 / Ref: Canadian Patent #2,908,184 / Ref: European Patent #EP 3 155 896 B1

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## Leveraged to High Global Growth Markets.

The global lawful cannabis market is expected to reach \$146 billion by 2025, with the perishable food market is expected to grow from \$280 billion in 2017 to \$295 billion in 2022 (CAGR 7.1%).

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## Demonstrated Commercial Success.

RotoGro has secured over AUD \$4million<sup>(1)</sup> in technology purchase orders.

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## Significant FY 2021 Catalysts.

Ongoing sales of RotoGro Garden Systems, advance discussions with cannabis cultivation partners, formalising Joint Venture Agreements with perishable food partners, sales of additional Fertigation Systems and ground broken on Canadian cannabis growing facility.

(1) As outlined in the Roto-Gro Investor Presentation Clarification lodged with the ASX on 12 October 2020.

# KEY BUSINESS SEGMENTS

RotoGro's unique and competitive advantage is its patented and proprietary technology which has positioned the Company as a global leader in the cultivation of cannabis & fresh produce.

Our four key business segments leverage our patented\* RotoGro Garden System:



## Cannabis

Lawful Cultivation Partnerships\*\* (North America, Europe, Australia) and growing management services with profit share\*\*\*



## Food

Perishable Food Cultivation Joint Ventures (Produce), equity interests and royalties



## Technology

Technology sales - RotoGro Garden Systems, patent-pending Fertigation systems and proprietary iGrow® Software



## Concept to harvest

Fertigation System & Nutrient life cycle planning

\* Ref: US Patent #10/365,681 / Ref: Canadian Patent #2,908,184 / Ref: European Patent #EP 3 155 896 B1

\*\* CanniFarms Acquisition subject to closing conditions

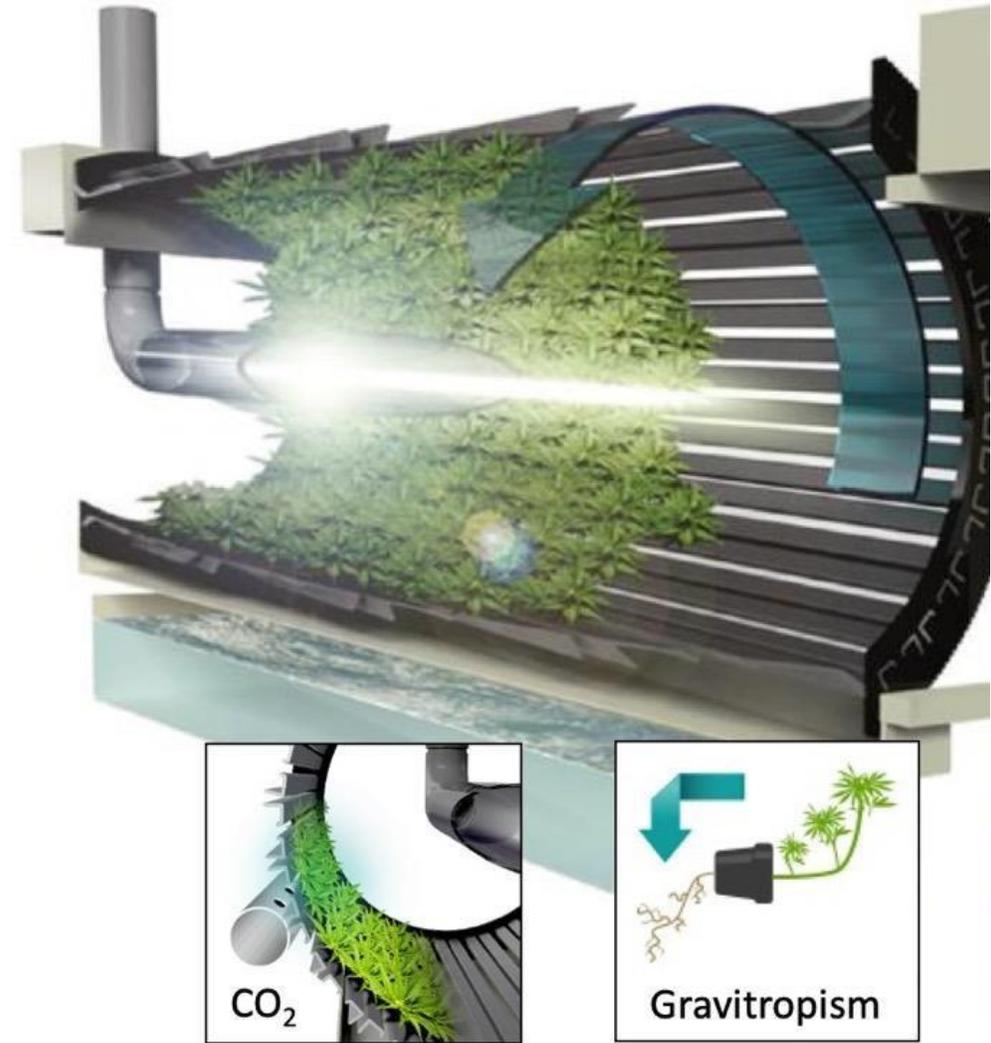
\*\*\* Growing Management Agreements currently in discussion and negotiation

# ROTOGRO GARDEN SYSTEMS

Our patented **RotoGro Hydroponic Garden Systems** provide superior cost, space and yield outcomes for agricultural production.

Key features and benefits include:

- **Three times the growing** footprint vs Flat Deck Growing.
- All plants receive **equal access to light and nutrients**, providing consistent quality yields.
- The combination of gravitropism and RotoGro's proprietary CO<sub>2</sub> delivery system **increases yields by a further 30 - 35%**.
- Approximately **40% energy savings** compared to Flat Deck Growing.
- **Cutting edge software and hardware systems** provide convenience, product control and regulatory compliance.
- Gravitropism: results in **shorter harvest times** and produces a thicker, stronger stem able to support greater yields
- CO<sub>2</sub> Delivery System: **innovative CO<sub>2</sub> delivery system** provides direct CO<sub>2</sub> delivery to plant.



# YIELD ADVANTAGES

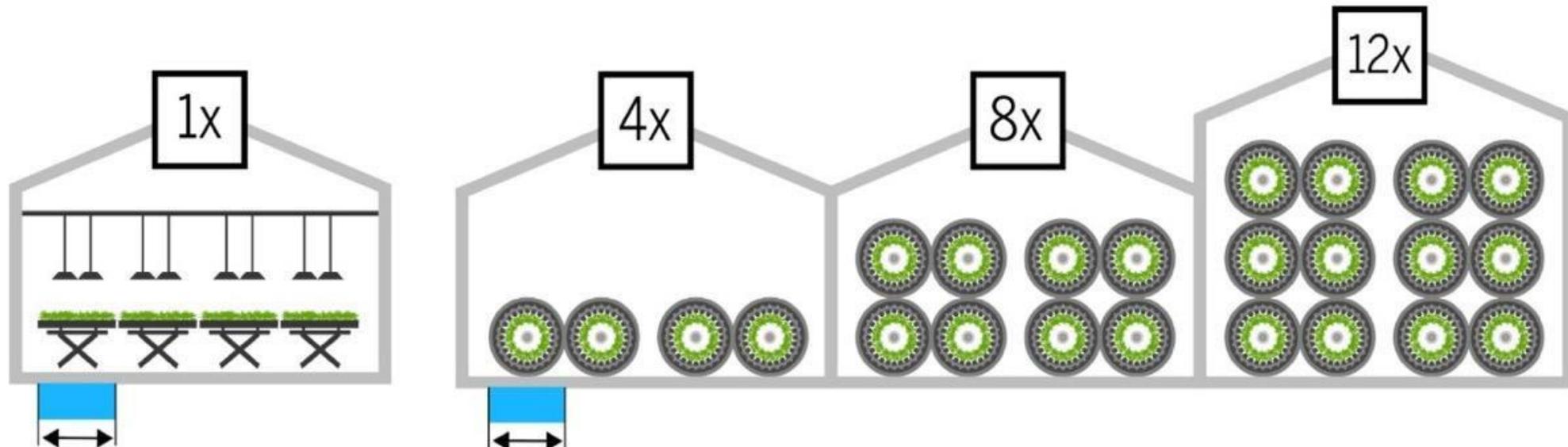
ROTOGRO GARDEN SYSTEMS OPTIMISE **YIELD, SPACE & ENERGY.**

- **3X** THE GROW AREA
- **6X** FOR A 2 STACK
- **9X** FOR A 3 STACK

**+** **30-35% Yield Increase**  
from Grovitropism and  
Proprietary CO<sub>2</sub> Delivery

**=**

- **4X** THE GROW AREA
- **8X** FOR A 2 STACK
- **12X** FOR A 3 STACK
- ENERGY MANAGEMENT & LESS POWER

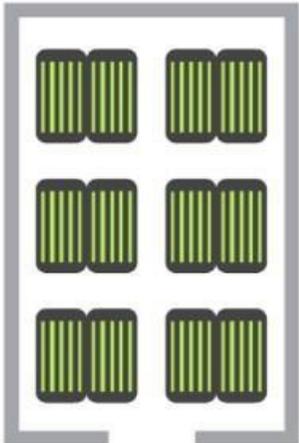


# ANNUAL YIELD COMPARISON - CANNABIS

## ROTOGRO®



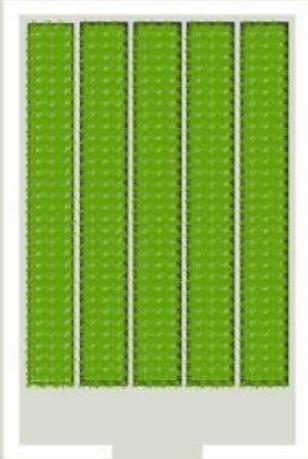
1 RotoGro® unit  
= 7 lb in 60 days



1 room of 24 units  
= 168 lb in 60 days



A 10 room facility  
= 1680 lb in 60 days



## FLAT DECK

1 Room = 76 Lbs in 115 Days  
10 rooms = 760 Lbs  
Only 3 harvests per year

**2,300 Lbs per year.  
(1,040KGs)**

**10,080 lb (4,570 kg) per year**  
based on 6 harvests a year for one  
facility of 10 rooms (240 Units).

Return on the initial investment for a  
Cannabis facility is **paid back within the  
first 60 day grow cycle.**

# PATENTS

## RotoGro Garden Systems Patents and Patents-Pending

TITLE	JURISDICTION	APPLICATION NO.	FILING DATE	STATUS
Rotary Plant Growing Apparatus	United States	10/375,681	February 28, 2003	Patent Granted by the United States Patent and Trademark Office on <b>January 11, 2005</b> ; Patent Number: US 6,840,007 B2
Stackable Modular Rotatable Gardening System	United States	14/883,156	October 14, 2015	Patent Granted by the United States Patent and Trademark Office on <b>May 21, 2019</b> ; Patent Number: US 10,292,346 B2
Stackable Modular Rotatable Gardening System	Canada	2,908,184	October 13, 2015	Patent Granted by the Canadian Intellectual Property Office on <b>October 22, 2019</b> ; Patent Number: CA 2 908 184 C
Stackable Modular Rotatable Gardening System	Europe	15189807.9	October 14, 2015	Patent Granted by the Canadian Intellectual Property Office on <b>April 22, 2020</b> ; Patent Number: EP 3 155 896 A1
Stackable Modular Rotatable Gardening System	Australia	2015243013	October 14, 2015	Patent Pending by the Australian Patent Office Application Number: AU 2015243012 A1
Growing Tray and Cap for Rotating Hydroponic Garden	Patent Co-Op Treaty - WIPO	PT.CA2015/050478-PCT	May 26, 2015	Patent Pending Application Number: PT.CA2015/050478-PCT

# PRODUCE OPPORTUNITY

RotoGro is well placed to revolutionise the **global perishable food market** via joint ventures with industry leaders, leveraging our **patented technology with equity and/or royalty agreements.**



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- **Large Addressable Market**

- The perishable food (produce) market is expected to grow from \$280 billion in 2017 to \$295 billion in 2022 (CAGR 7.1%). Increasing fruit and vegetable consumption is driven by a growing middle class in China, Africa and the Middle East.

- source: [www.marketsandmarkets.com](http://www.marketsandmarkets.com)

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- **Agricultural Technology**

- New technologies are constantly changing the global agriculture supply chain.

- source: [www.oliverwyman.com](http://www.oliverwyman.com)

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- **Joint Venture Partnership**

- Our partnership with Freshero captures this opportunity.

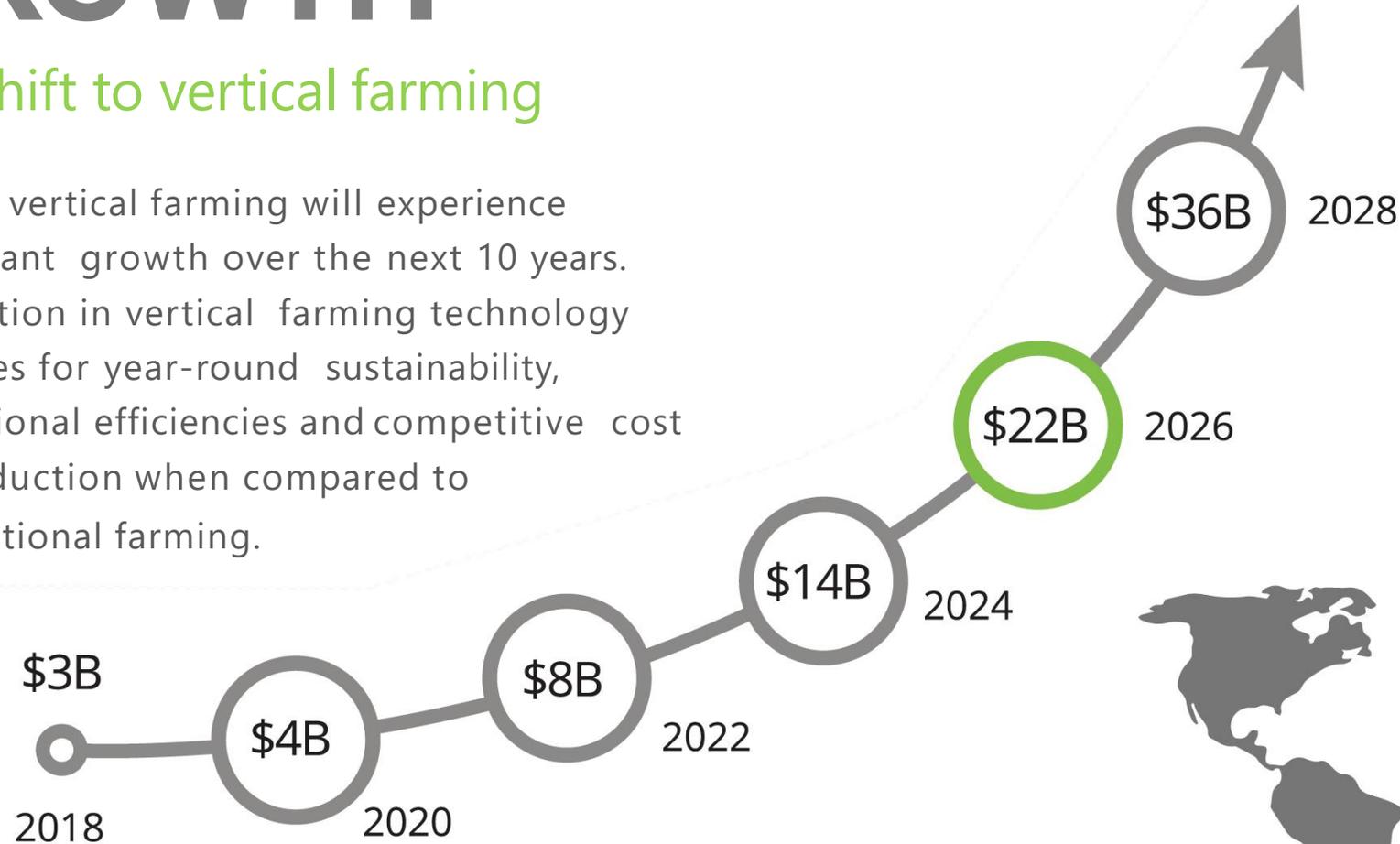
Additional global partnerships are also possible.

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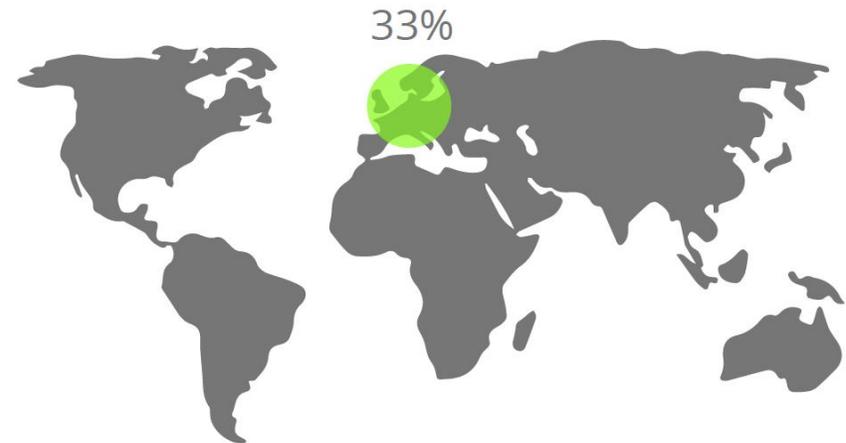
# VERTICAL FARMING MARKET GROWTH

## The shift to vertical farming

Indoor vertical farming will experience significant growth over the next 10 years. Innovation in vertical farming technology provides for year-round sustainability, operational efficiencies and competitive cost of production when compared to conventional farming.



Indoor vertical farming will experience accelerated growth through to 2028. Europe's vertical farming market accounts for over one third of current vertical farming production.



# CANNABIS OPPORTUNITY

RotoGro is in advanced discussions\* with licensed cannabis growers in North America, Europe and Australia, leveraging our proprietary technology and growing management services.

\*Discussions ongoing and incomplete.



## High growth

The global lawful cannabis market is expected to reach \$146 billion by 2025.

source: <https://www.grandviewresearch.com>



## Medicinal cannabis

Increasing medicinal use provides stable and growing demand (e.g. cancer treatment, mental disorders, pain relief etc.).



## Recreational cannabis

Uruguay was first to legalise in 2013, then 10 USA States and Canada in Oct 2018. More nations are expected to follow.



## A new era

Legalization of recreational cannabis use is creating a significant, once-in-a-generation, global opportunity, equivalent to liberalization of alcohol post-Prohibition in December 1933.

# TURN-KEY TECHNOLOGY SOLUTIONS



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## Facility Design & Setup

Providing turnkey solutions from concept and license application through to engineering design and standard operating procedures to operational readiness.



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## iGrow® Software

The company's proprietary in-house iGrow® software provides dynamic, real time analysis of each grow room's environment and nutrient management optimisation.



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## Nutrient lifecycle planning

In-house development and white labelling industry leading brands enables us to provide our clients with template recipes and formulas to maximise yield and product quality. We continue testing and researching bespoke formulas for our perishable food and cannabis crops to provide economies of scale whilst integrating technology and science to the art of growing.

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# BOARD & MANAGEMENT TEAM

In June 2019, RotoGro underwent several changes to its board and management. These changes reflect a renewed commercial focus to deliver on RGI's strategic vision.



**NON-EXECUTIVE CHAIRMAN: MICHAEL CARLI**

- Highly experienced lawyer specialising in corporate, commercial and intellectual property law for more than 30 years.
- Currently a Director of Easter Seals Ontario, a charity assisting children with physical disability, and previously Chairman of Villanova College, a private secondary school in Ontario.
- Holds a Bachelor of Arts degree from York University and a Juris Doctor degree from the University of Western, Faculty of Law.



**NON EXECUTIVE DIRECTOR: TERRY GARDINER**

- Over twenty years of extensive experience in capital markets, stockbroking and derivatives trading.
- Currently a Director of Barclay Wells Limited and a Non-Executive Director of Cazaly Resources Limited ( ASX:CAZ ) and Galan Lithium Limited ( ASK: GLN ).



**EXECUTIVE DIRECTOR: MICHAEL DI TOMMASO**

- Executive specialising in Canada's evolving Cannabis legislation with hands on experience in contractual, legal and regulatory compliance for lawful cannabis licensing.
- Holder of a Bachelor of Arts degree in Criminal Justice and a Juris Doctor degree from the University of Ottawa Faculty of Law.



**CHIEF EXECUTIVE OFFICER: ADAM CLODE**

- Has over fifteen years of experience working with start-up and growth businesses.
- Has developed large mining projects across Africa for Publicly Listed Companies.
- Managed the development of a 2,000 MW power station in Switzerland and later moved to the UK to manage a USD \$3B Iron Ore project in Sierra Leone.



**NON-EXECUTIVE DIRECTOR: JAMIE MYERS**

- Extensive experience in financial services, especially in equity advisory, funds management and corporate finance.
- Currently an Associate Director with Baker Young Stockbrokers.



**CHIEF FINANCIAL OFFICER & COMPANY SECRETARY: MELANIE LEYDIN**

- Over 25 years experience in accounting and fifteen years experience in Company Secretarial Services
- A Chartered Accountant and a Registered Company Auditor.
- Holder of a Bachelor of Business Degree in Accounting and Corporate Law from Swinburne University
- Established Leydin Freyer in February 2000

# SHARE PRICE & STRUCTURE

## RGI Capital Structure

ASX CODE: RGI	
Ordinary Shares*	197,271,765
Options <sup>*(1)</sup>	56.7m
Performance shares <sup>(2)</sup>	22.3m
Performance rights <sup>(3)</sup>	17m
Obsidian Global GP, LLC Tranche 1 Convertible Notes	137,303
Obsidian Global GP, LLC Tranche 2 Convertible Notes	721,200
Market Capitalisation <sup>*(4)</sup>	\$11.8m
52 week high-low <sup>(5)</sup>	0.175-0.038
Top 20 Holdings <sup>(6)</sup>	35.08%
Cash <sup>(7)</sup>	\$1,881,545

Notes:

\* After issue of shares from 24 November 2020 placement

<sup>(1)</sup> Varying exercise prices and expiries as at 2021/2022/2023

<sup>(2)</sup> Performance share (Management) and Performance shares (Hanson) as at 2020/2021

<sup>(3)</sup> CEO and Employee Performance rights as at 2021/2022/2023

<sup>(4)</sup> Closing share price as at 27 November 2020

<sup>(5)</sup> As at 27 November 2019 to 27 November 2020

<sup>(6)</sup> As at 27 November 2020

<sup>(7)</sup> As at 27 November 2020

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The Greenhouse Evolved® | Sustainable, Secure, Safe®

