



R A D I E N T

Superior Manufacturing Solutions for Pure Natural Products.

TSX-V: RTI
OTCQX: RDDTF

Disclaimer

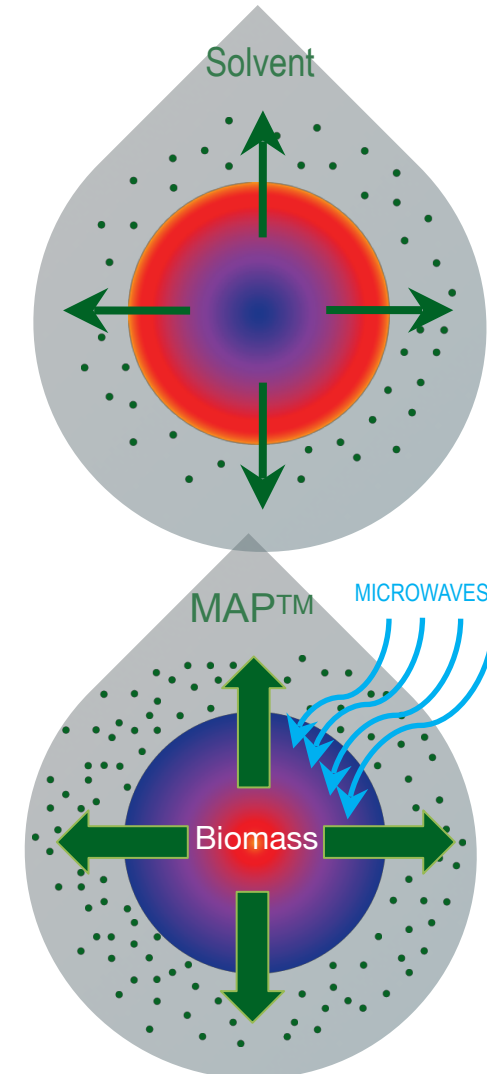
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Radiant's Patented Microwave Assisted Processing (MAP™) Technology

- MAP™ causes instant volumetric heating, creating a pressure-driven process
 - Conventional solvent extraction is a diffusion-driven process, relies on concentration gradients.
- Patented process
 - Unique microwave-assisted extraction at industrial scale.
- Key advantages:
 - Increased yield & purity – up to 98% purity.
 - Reduced extraction time – minutes vs. hours.
 - Reduced solvent requirements – 75% reduction.
 - Eliminates use of toxic solvents.
 - Industrial-scale capabilities.



Comparison of MAP™ vs. Other Extraction Techniques

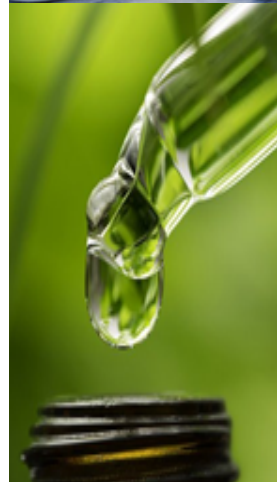


	Applicable to wide range of products?	Possible Industrial Scale?	Continuous or Batch?	Run Time	Extraction Selectivity	Compound Purity
MAP™	Yes	Yes	Continuous	Minutes	High	High
Solvent Extraction	Yes	Yes	Both	Hours to Days	Low	Low
Supercritical CO2	No	Small Batch	Batch	Hours	High	High
Ultrasonic-Assisted Extraction	Yes	Small Batch	Batch	Hours	Low	Low
Pressurized Liquid Extraction	Yes	No	Batch	Minutes to Hours	Low	Low

Business Overview: Strategic Initiatives



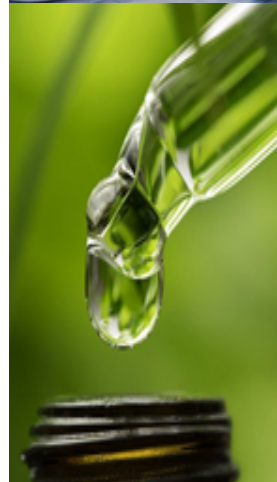
- 3 Main Lines of Business:
 - Cannabinoids – industrial-scale extraction of cannabinoids (THC, CBD, etc.) and product development
 - Fast Extraction: 5 minutes vs nearly 6 hours.*
 - High quality extracts: higher overall yields.
 - Nearly full preservation of cannabinoid and terpene profiles.
 - Specialty Ingredients – Natac Solutions: improving ingredient purity & yield for plant-derived products
 - Solvent use reduced by up to 75%.
 - Significantly higher level of actives recovered.
 - Increased purity and yield.
 - Nicotine – reducing nicotine in tobacco
 - Proven nicotine reduction of ~95% in tobacco at industrial scale.*



Patents – Microwave Assisted Processing (MAP™)



- Patent applications filed in 2018:
 - **Provisional patent** with the USPTO for methods related to nicotine extraction (June 2018).
 - **18 provisional patents** with the USPTO for methods related to improving efficiency, purity quality, and yield of biomass extraction, including cannabis (October 2018).
 - **13 provisional patents** with the USPTO covering inventions related to methods and systems for improving the efficiency, accuracy, and security of supply chain tracking for extractable biomass, especially cannabis biomass (November 2018).
 - **Thorough trade secret program** in place to complement patents and protect Radiant's IP.



Partnerships: Overview



- Strategic Partnerships:

- Aurora Cannabis (TSX: ACB) – 2017

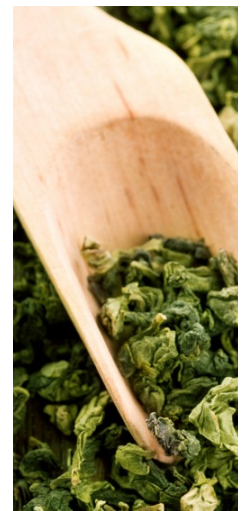
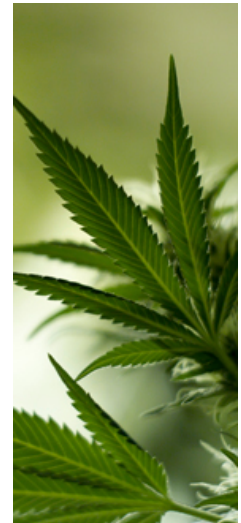
- Invested \$15M in Radiant in 2017 - 15% Radiant shareholder.
 - Extraction, product development, global expansion.

- Natac Solutions – 2018

- complementary to Radiant's proprietary platform, Natac Solutions is the result of a 50/50 Joint Venture with Spanish premium ingredient manufacturer Grupo Natac.

- Product Development:

- In progress – development of unique formulations and applications for consumer-facing brands.

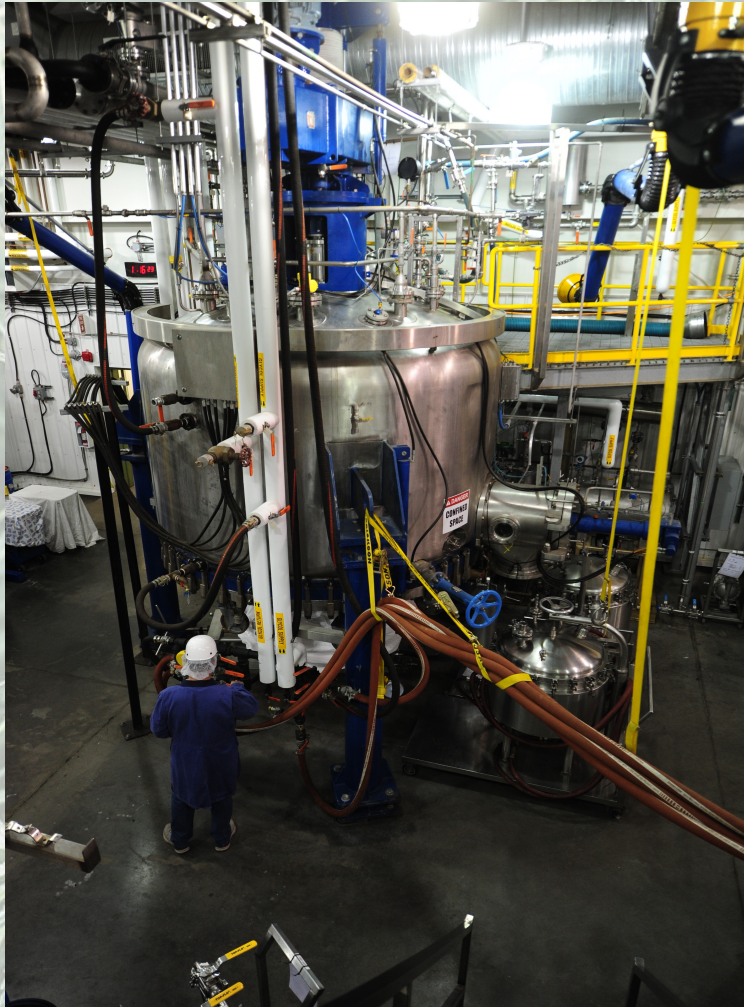


Edmonton Manufacturing Plant Expansions



- Expansion of Edmonton Manufacturing Plants: Plants I, II, and III:
 - **Plant I:** Recently completed expansion, to process cannabis exclusively, currently production-ready.
 - **Plant II:** Radiant's largest existing manufacturing line, currently being retrofitted to process industrial hemp; completion of retrofitting expected Q2, 2019.
 - Estimated throughputs of 1.5 metric tonnes per day of industrial hemp.
 - **Plant III:** Additional manufacturing plant to be built, expected to be production-ready by Q1 2020.
 - Estimated throughputs of > 1 metric tons per day of medical cannabis.
 - >10 metric tons per day of industrial hemp.





Edmonton I (cannabis) and Edmonton II (retrofit of legacy facility as dedicated hemp line)

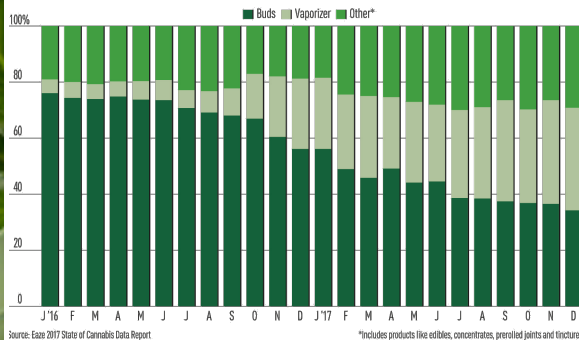
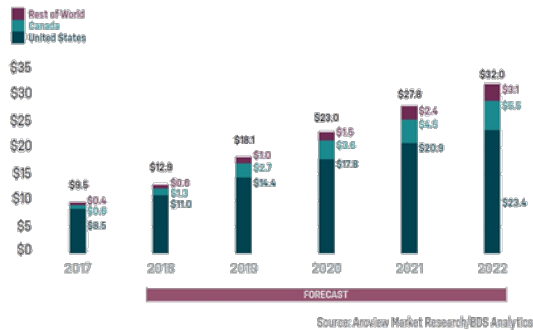
European Presence – Germany and France

- Germany Manufacturing Plant
 - Site selected, plant permit processing underway.
 - Expected to be production ready by 2020.
 - Estimated throughputs of > 1 metric tons per day of medical cannabis and > 10 metric tons per day of industrial hemp.
- Research & Development Lab in France
 - Partnership with Processium, near Lyon.
 - Facilities Access and Technical Services Agreement.
 - Provides Radiant with a European-based centre for conducting development and demonstrations of its core MAP™ technology.



Radiant is Well-Positioned to Capitalize on Clear Trends in Large Markets

Legal Cannabis Spending (In Billions)

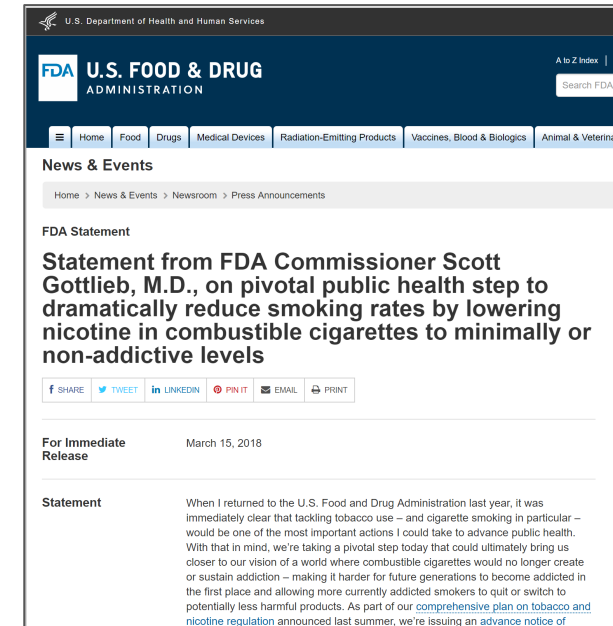


- A rapidly growing, global market for legal cannabis.
- Consumption migrating away from dry flower.
- “Consumerization” of cannabinoids – CBD in particular - into familiar product formats.
- *Consistent* delivery of extracts, ingredients, and formulations at industrial-scale quantities, manufactured within GMP environments.

Nicotine Extraction Developments



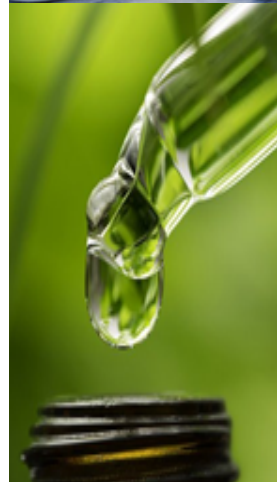
- June 2018: Radiant Submitted a proposal to the US Food & Drug Administration (FDA) to have its MAP™ technology considered as a viable nicotine reduction method:
 - In March 2018 the FDA announced it would be exploring a product standard to set the maximum nicotine level for cigarettes (to minimally or non-addictive levels).
 - MAP™ would enable nicotine to be safely extracted from tobacco as an in-line part of the cigarette manufacturing process (nicotine depletion of ~95% across multiple cured tobacco types).
 - Would eliminate costly alternatives of changing farming and blending practices or resorting to genetically modified crops.



Joint Venture – Natac Solutions: Madrid, Spain

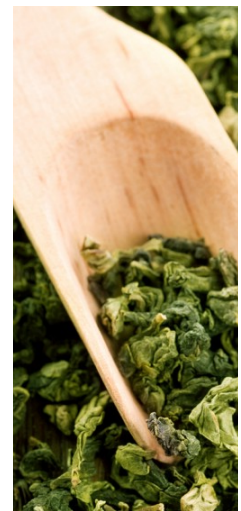
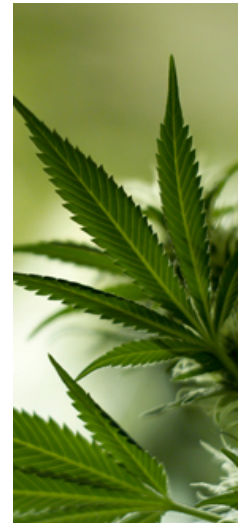


- 2018 – Natac Solutions JV is formed
 - In October 2018 Radiant and Grupo Natac announced they had entered into a binding LOI to form a 50/50 Joint Venture, Natac Solutions.
 - A global entity based in Madrid, Spain, Natac Solutions will allow Radiant to increase its market presence in Europe.
 - The JV allows access to additional science, clinical research and manufacturing assets.



Capital Markets Overview

- Radiant is well capitalized for future growth:
 - Raised \$54M in 2018 through private placements, prospectus offering and warrants.
 - Included a Bought Deal Financing for \$24M led by Canaccord Genuity, GMP Securities, and Laurentian Bank.
 - In October 2018 Radiant graduated from Tier 2 to Tier 1 status on the TSX-V, reserved for the Exchange's most advanced issuers with the most significant financial resources.
 - In December 2018 Radiant listed on the OTCQX Best Markets in the United States.



Stock Information and Capital Structure

Capital Structure

Share price	C\$ 0.93 ¹
Market Capitalisation	C\$ 246m
Shares in Issue	264,925,801
Stock options @ C\$1.12	14,899,169
Finders Options @ C\$1.17 & C\$1.47	2,541,435
Warrants @ C\$0.92	38,783,434
Fully diluted capital	321,149,839

Trading Information

Fiscal Year End	March 31
Working Capital (Sept 30)	C\$43.079m

Standard Processor's Licence expected by March 2019 enabling production of CBD oil from Aurora Cannabis supply to commence immediately

RTI Share Price²



1 – As at close of market 8 January 2019

2 – Source: Factset

Radiant was a Top
10 Diversified
Industries Company
in 2018

tsx.com/venture50



THANK YOU



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