



CANNABIS PRODUCTS, DOWN TO A SCIENCE.

TSX-V: RTI
OTCQX: RDDTF

CORPORATE PRESENTATION
SEPTEMBER 8, 2020

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About Radiant

Radiant has invested 20 years of scientific development into a better method for plant-based extractions. We use a proprietary extraction technology that was designed to deliver the highest quality and consistency of natural products. Combining technological precision with decades of botanical extraction and science-backed product development experience, we're creating unique products and formulations at the highest standards of quality.

Science is in our DNA and part of everything we do.

CORPORATE HIGHLIGHTS



Unique, Continuous-Flow Extraction and Processing

- Higher throughputs, 90 - 99% recovery of cannabinoids achieved.
 - Less cannabinoid degradation during processing = longer expected shelf life.
-



Science-Backed New Product Development

- Dedicated team of in-house scientists developing unique formulations and ingredients.
 - In house development of novel formulations including water soluble powders and emulsions, topicals and edibles.
-



Strategic Partnerships: Shoppers Drug Mart, Premium 5, Fluum

- Developed an exclusive brand for Shoppers Drug Mart's Medical Cannabis by Shoppers.
 - Premium 5 gives Radient exposure to the concentrate category and the high demand of its unique products has been key to being approved by provinces for sales.
-



Increasing White Label Production Capacity

- Successfully launched an oral spray in FQ1, Radient's first finished product.
 - Recently installed and commissioned a vape filling line.
-



Exploring Reduced Nicotine Tobacco Opportunities

- Successfully completed Proof of Concept testing for several large-scale global tobacco companies.
- Proven ability to remove nicotine from tobacco.

RADIANT'S EXTRACTION & PROCESSING METHOD

	RADIANT	OTHERS
Daily scale of operations	 100s to 1,000s of kgs	 10s to 100s of kgs
Cannabinoid recovery	 90–99%	 70–80%
Total completion time	 24 hours	 48–96 hours
Product quality and consistency	 High	 Varied

Continuous flow vs. batch processing:

- *No stopping and re-starting material flows.*
- *Minimizes human intervention.*

Industrial scale throughputs:

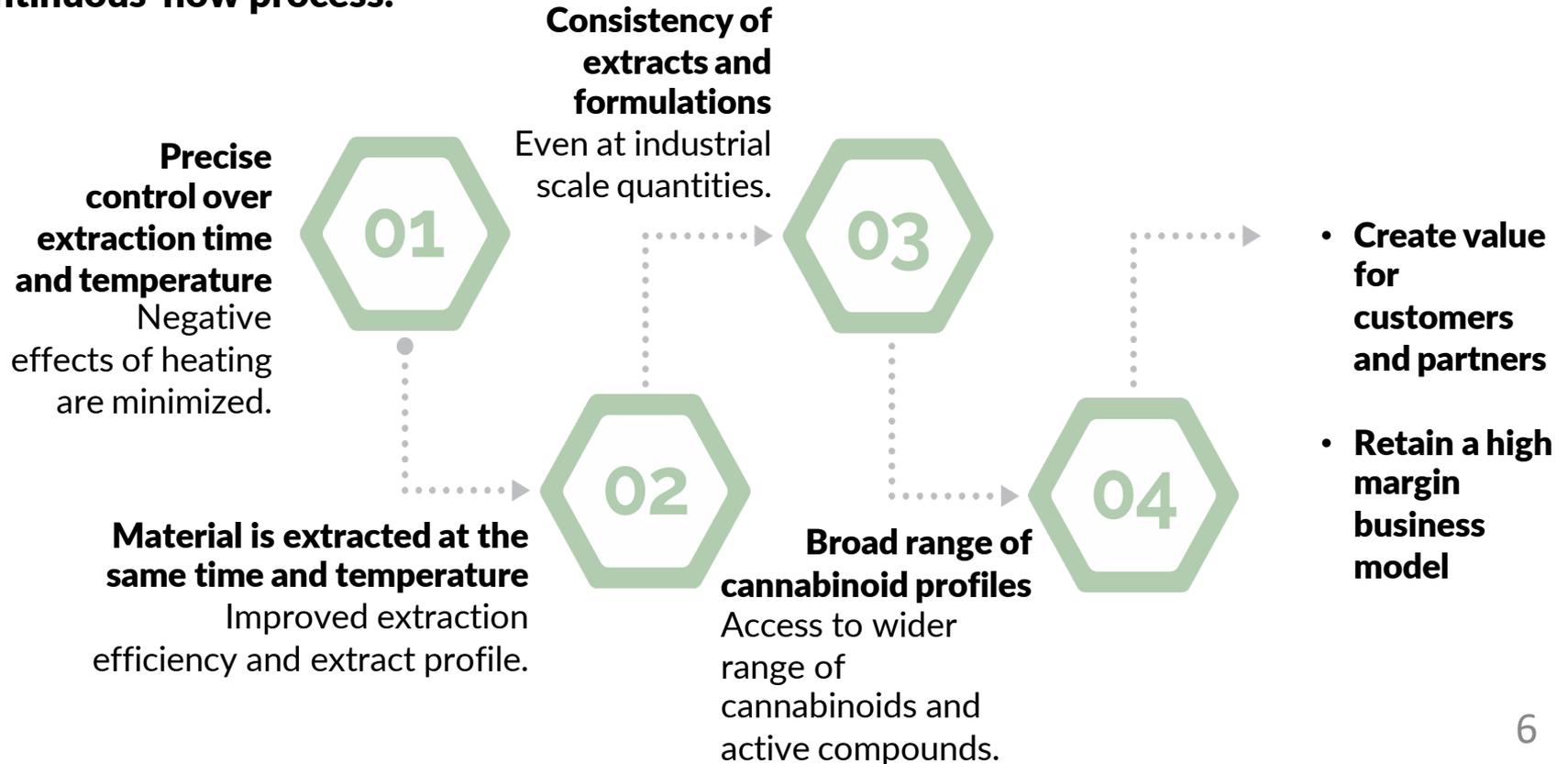
- *Possible without costly additional machine time/human labour.*
- *Avoids additional processing steps such as winterization.*

THE RESULT:

Higher rates of quality and consistency, even at industrial scale volumes.

HOW RADIANT ACHIEVES SUPERIOR QUALITY

Continuous-flow process:



CHALLENGES FACING CANNABINOID EXTRACTION



SCALING UP

Inefficiencies of 'batch' processing.



QUALITY & CONSISTENCY

Unreliable consistency in cannabinoid products.



STABILITY

Cannabinoids degrade quickly.



EFFICIENCY

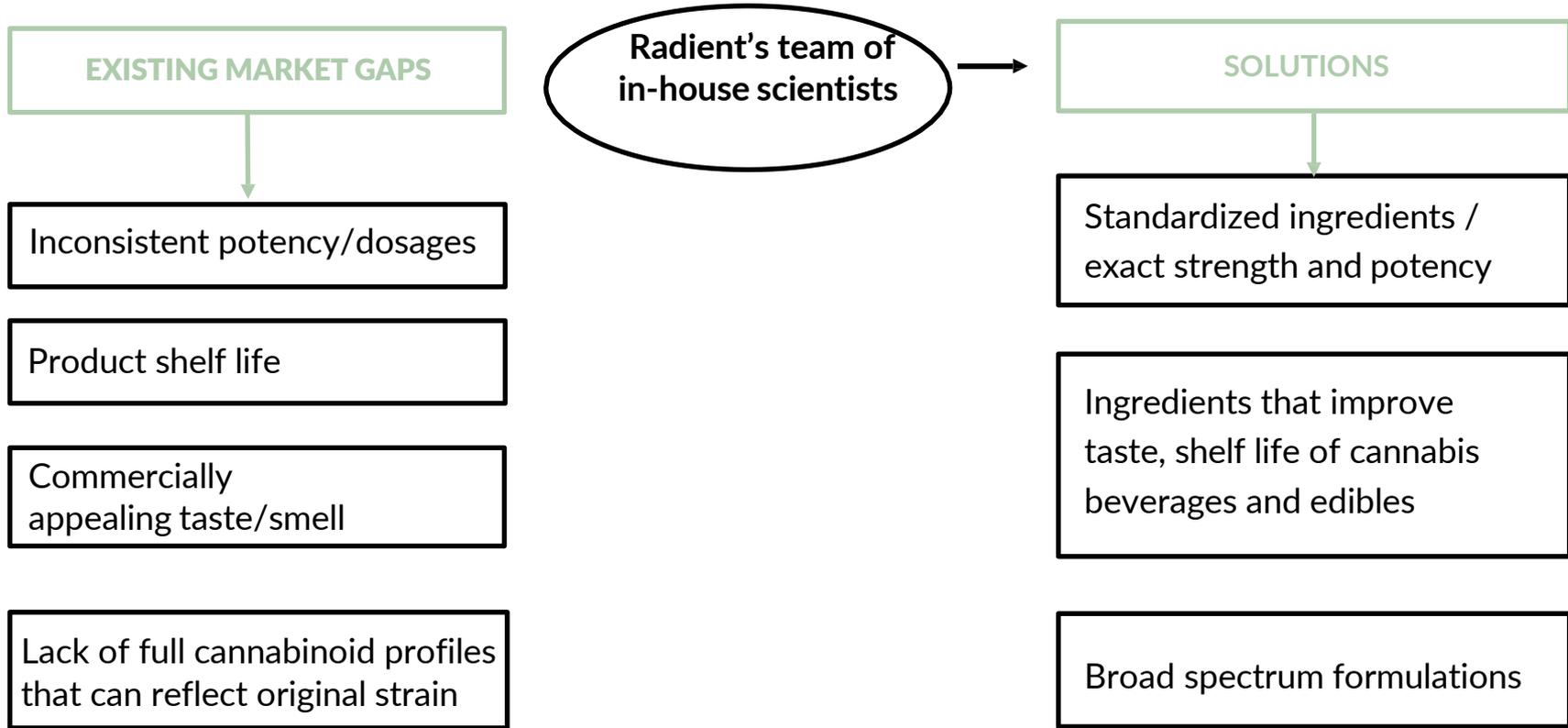
Many extraction methods recover only 70-80% of cannabinoids from plants.



MARKET APPEAL

Creating appealing taste and scent profiles without using heavy masking agents.

SCIENCE-BACKED PRODUCT DEVELOPMENT



SIGNIFICANT IP ASSET BASE

58 provisional patent applications filed with the USPTO in fiscal 2018/2019.

Technologies and systems related to cannabinoid extraction, processing, product development, and consumption devices, as well as nicotine extraction.

Filing Patent Treaty Cooperation (“PCT”)* applications with the World Intellectual Property Organization (“WIPO”).

Expanding patents to countries of choice including but not limited to Canada, the US, Australia, and European countries.

37 provisional patents converted to PCT* to date.

* (“PCT”) patent application entitled "Cannabis Root Extract, Method of Manufacture, Method of Use"

PARTNERSHIP: MEDICAL CANNABIS FORMULATIONS



Strategic Partnership with Shoppers Drug Mart



- bioU was created exclusively for Shoppers and is available Canada wide.
- Shoppers is one of the largest pharmacy retailers in Canada.
- Radient will launch additional products under bioU for Shoppers.
- A three-year agreement, subject to renewal for an additional two years.



H THC: 1 %
CBD: 1 %

Radient
**Radient BioU Uspray
10:10 Balanced Cannabis
Oil Spray**
Hybrid



H THC: 0.1 %
CBD: 2 %

Radient
**Radient -BioU Uspray
1:20 CBD Cannabis Oil
Spray**
Hybrid



S THC: 3 %
CBD: 0.1 %

Radient
**Radient BioU Uspray
30:1 THC Cannabis Oil
Spray**
Sativa

PARTNERSHIP: CBD INGREDIENTS



Strategic Partnership with The Edlong Corporation

- MOU to enter into JV with global flavour manufacturer Edlong (Oct 2019).
- Developing CBD ingredients and flavours for global food, beverages, and pet food industries.
- Edlong specializes in flavours for dairy foods, non-dairy, vegan, non-GMO, Organic, and allergen-free.
- Global company with locations in the US, Asia, Europe, the Middle East.
- Science-driven functional ingredients that provide solutions to flavor manufacturing challenges: ie flavor masking, temperature, heat tolerance, and sugar reduction.

PARTNERSHIP: Market Leading Concentrates



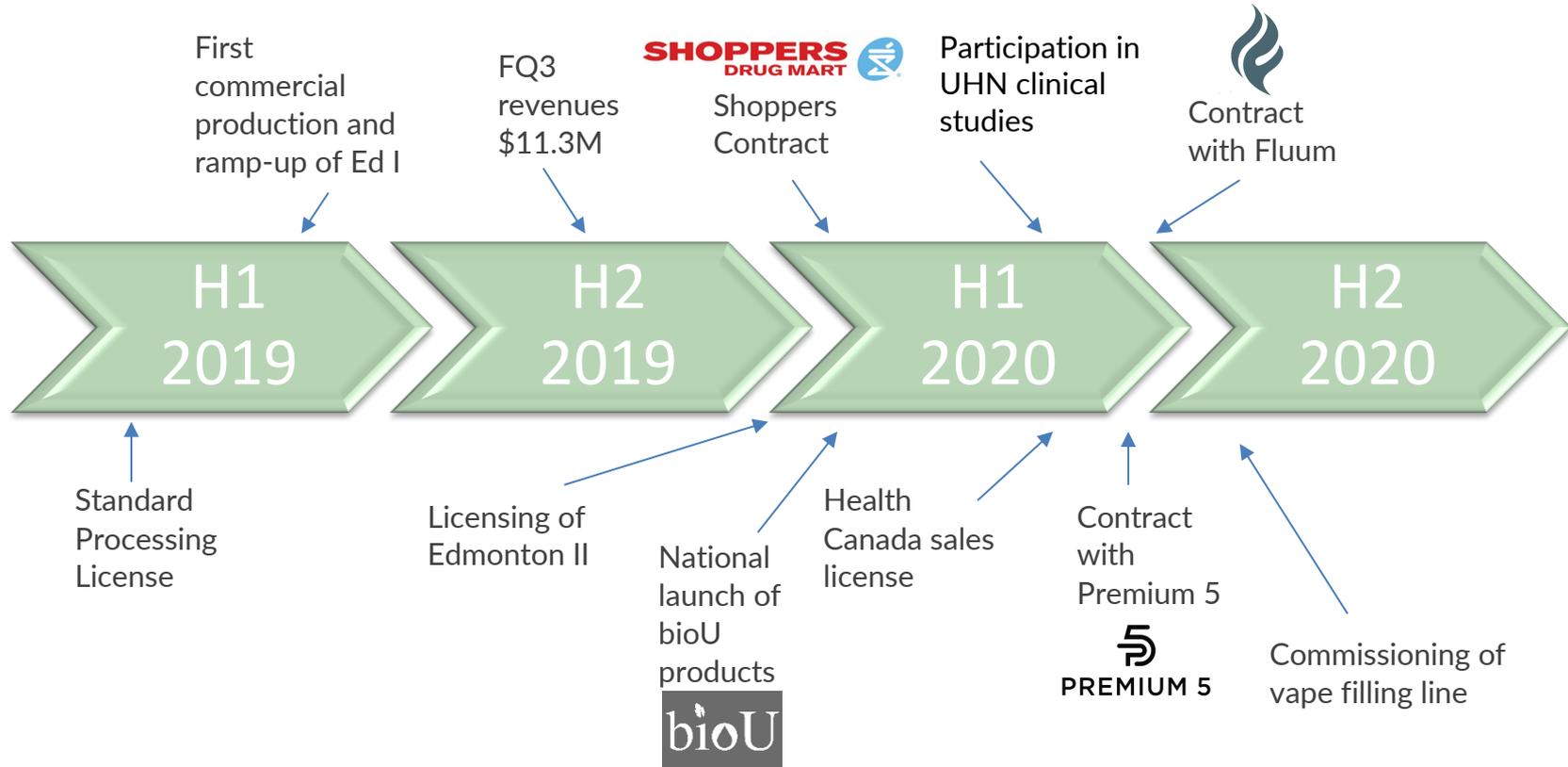
PREMIUM 5



Strategic Partnership Premium 5

- A multi-year deal to provide distillate, filling, packaging and sales distribution.
- Premium 5 was the first to market with Live Resin products, the fastest growing sub-category in US markets, and has a market leading 26 skus of concentrate products
- Radient gets exposure to the concentrate segment with no capital requirements and will be the first to offer Live Resin and Live Resin X vapes
- Partnership to give Radient a strategic advantage in being approved as a supplier by provincial boards

Key Milestones



RESEARCH & DEVELOPMENT LABORATORY-EDMONTON

FAST FACTS

- Full-scale 18,000 sq ft research and development laboratory
- Located near to Edmonton I, II, and III facilities
- Dedicated team of in-house scientists experienced in the development of clinically validated botanical products and ingredients
- Scientific lab equipped with analytical equipment for the development of novel ingredients, formulations and products
- Products developed:
 - * Standardized cannabinoid ingredients that ensure exact strength and potency
 - * Ingredients that improve the taste and shelf life of cannabinoid beverages and edibles
 - * Full spectrum cannabinoid formulations

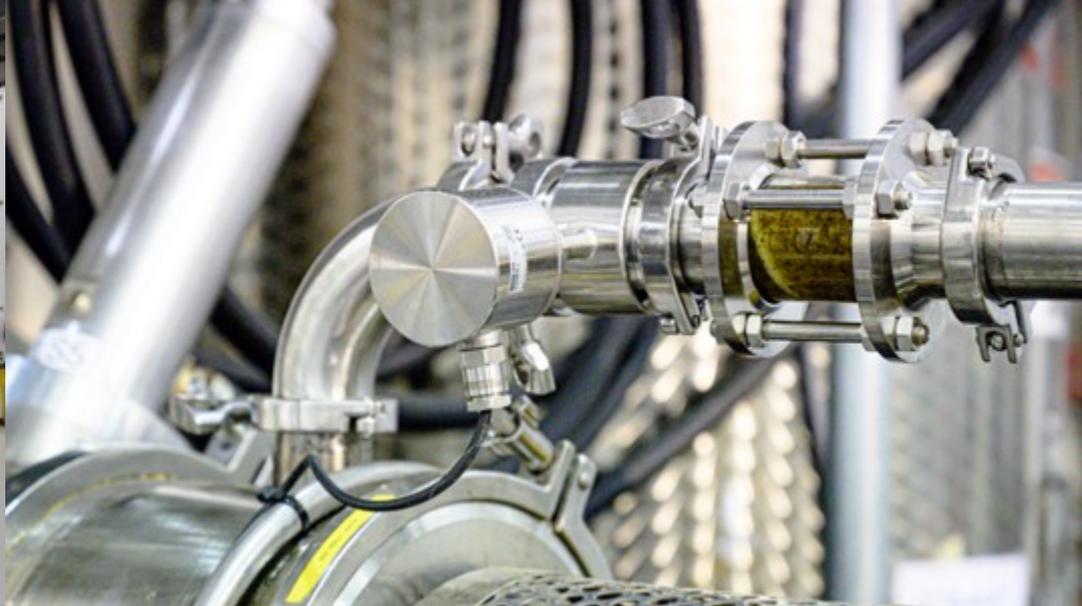


EDMONTON | EXTRACTION AND PROCESSING FACILITY

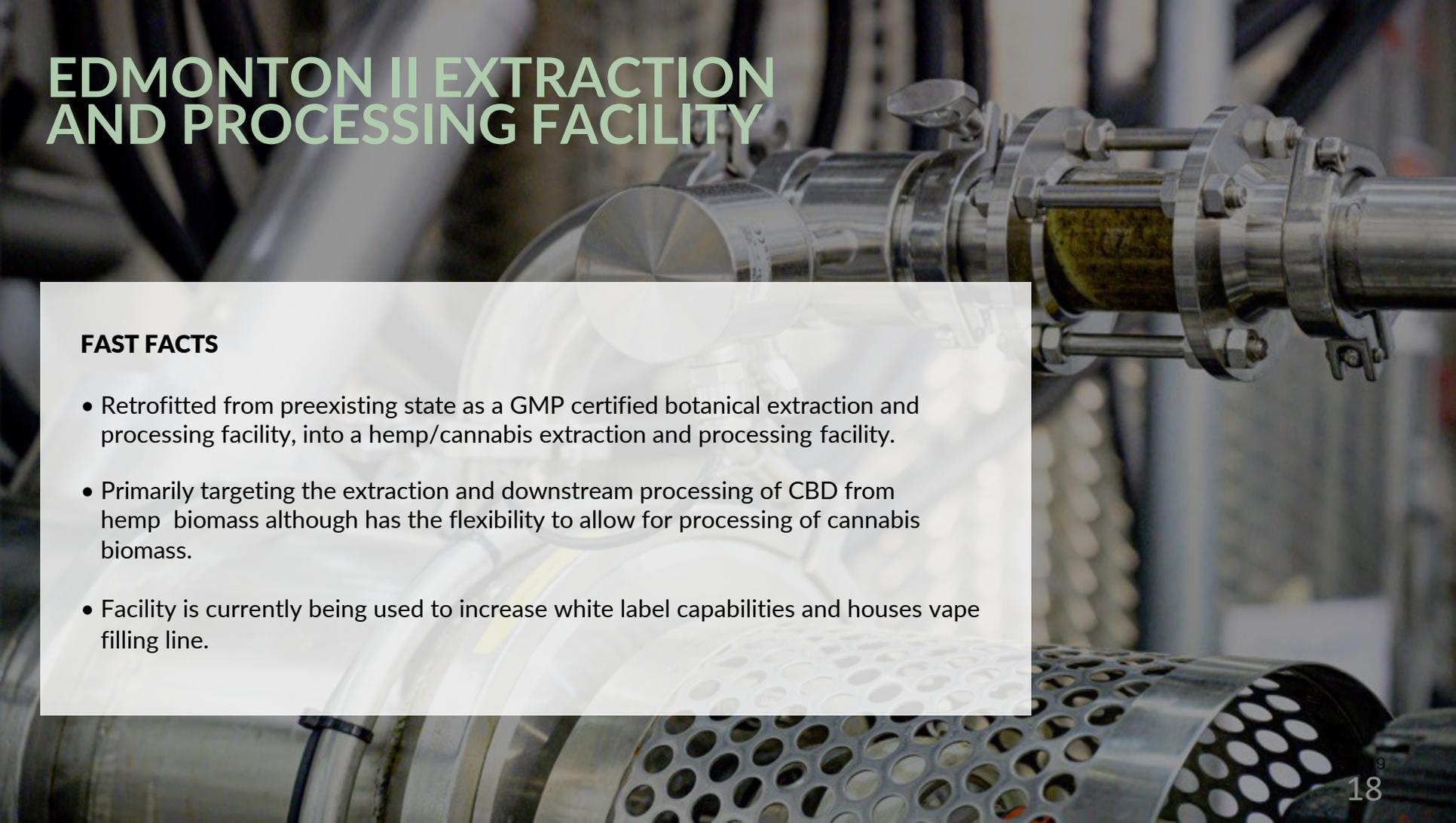
The background of the slide is a close-up photograph of industrial machinery, likely part of a cannabis extraction facility. It features various stainless steel components, including pipes, valves, and a large cylindrical vessel with a perforated metal mesh. The lighting is somewhat dim, highlighting the metallic textures and the complexity of the equipment.

FAST FACTS

- Completed in August 2018, licensed Q1 2019
- Extraction and downstream processing of cannabis materials
- Standard Processing License from Health Canada
- Currently in operation
- Throughput capacity of 56,000 kg/cannabis per year



EDMONTON II EXTRACTION AND PROCESSING FACILITY

The background image shows a close-up of industrial machinery, likely part of an extraction or processing facility. It features stainless steel pipes, valves, and a large perforated metal basket or filter. The lighting is bright, highlighting the metallic surfaces.

FAST FACTS

- Retrofitted from preexisting state as a GMP certified botanical extraction and processing facility, into a hemp/cannabis extraction and processing facility.
- Primarily targeting the extraction and downstream processing of CBD from hemp biomass although has the flexibility to allow for processing of cannabis biomass.
- Facility is currently being used to increase white label capabilities and houses vape filling line.

EDMONTON II

Post-retrofit



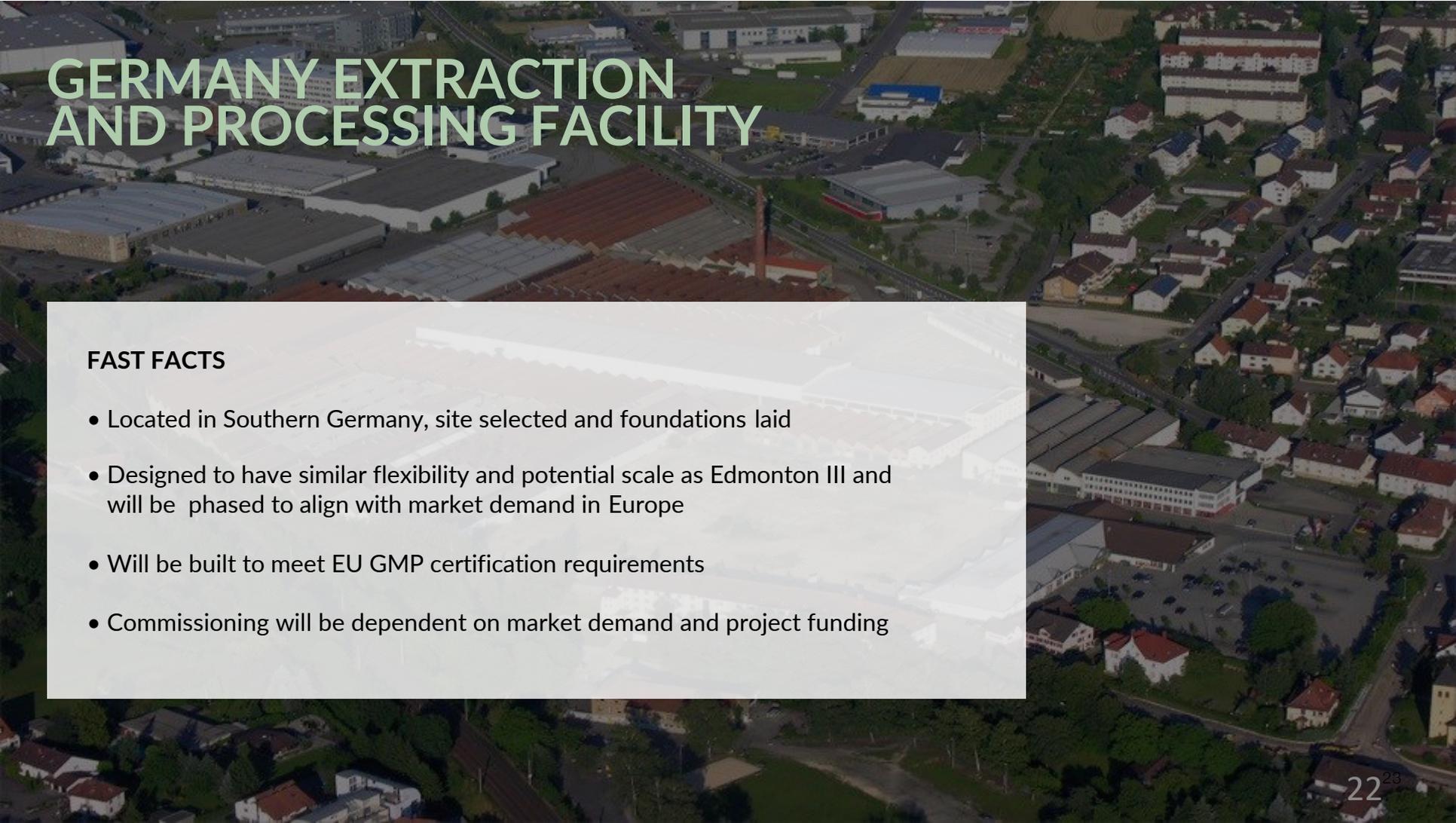
EDMONTON III EXTRACTION AND PROCESSING FACILITY

FAST FACTS

- Currently under construction, adjacent to Edmonton I and II facilities
- 89,000 sq ft when completed
- Purpose built dedicated to cannabinoid extraction, purification, isolation and product manufacturing
- Initial commissioning expected to begin in 2021
- Will be built to meet EU GMP certification requirements
- Designed with a flexible footprint allowing Radient to scale additional extraction along with housing multiple production lines for white label production



GERMANY EXTRACTION AND PROCESSING FACILITY



FAST FACTS

- Located in Southern Germany, site selected and foundations laid
- Designed to have similar flexibility and potential scale as Edmonton III and will be phased to align with market demand in Europe
- Will be built to meet EU GMP certification requirements
- Commissioning will be dependent on market demand and project funding

Thank you.

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