

## **Executive Brief**

March 4, 2024

### Solving a Global Problem...

28 billion litres of used motor oil (UMO) generated annually and forecasted to grow.

80% of this UMO is not recycled (22 billion litres) leaving it to either be dumped or burnt.

Dumping one litre of UMO can contaminate up to one million litres of fresh water.

Burning UMO emits 8000x more lead and 196x more sulfur than conventional fuels.



### ...Leads to a Tremendous Opportunity

Removal of a cumulative ¾ million tonnes of Greenhouse Gases (GHG) by 2029.

Achieving our 21/6 goal would result in annual elimination of 333,000 tonnes of GHG and produce annual EBITDA of US\$116 million.

Production of an in-demand premium product into a massive market- 350 billion litres consumed annually.

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## **Investment Thesis**

### Compelling economics meet strong environmental need.

- Lack of UMO recycling (22 billion litres annually) represents a tremendous opportunity.
- Strong customer demand for our premium marine fuel product.
- Proven, patented, and validated process with two million litres already processed.
- Industry demanding our 8-14% lower carbon intensive marine fuel.
- Compact and repeatable modular skid design recycling plant for ease of deployment.
- Industry leading low CAPEX with compelling economics (IRR 49%).

## **Premium Product**

### In demand and product requirement today.

International Maritime Organization (IMO) mandates a maximum sulphur content of 0.5%. Our fuel is less than 0.1%.

IMO strategy is to reduce carbon intensity. Our fuel is 8-14% less carbon intensive than comparable fuels.

If all 28 billion litres of annual UMO was processed via our recycling plants, it would produce less than 7% of annual marine fuel consumption (350 billion litres).

Meets seven of the UN sustainable development goals.





# **Ready to Deploy**

### Commercial site selection underway.

Mission Complete: Pilot Plant (43% of full scale) has proven technology and validated market (via sales to Maersk).

Final engineering underway for recycling unit design and updated Total Install Cost (TIC) estimate.

Alberta site selected and preliminary site assessment underway. Texas site selection underway.

12-15 months for fabrication and construction.

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## **Cost Effective Solution with Compelling Economics**

Each recycling plant will process 30 million litres of UMO with a 92% conversion efficiency.

Capital estimate of US\$15m with an estimated annual EBITDA of US\$5.8m per plant.

49% IRR with a payback of less than three years.

Ability to monetize GHG credits not considered to date in economics.

EBITDA US\$5.8 million per recycling plant

Projected Annual Revenue of US\$16 million breakdown

## Proven, Patented, and Validated

- Technology proven in petroleum industry for over a century.
- Patented process enables the solution to be brought to market (15 international patents).
- > Validated demand from end customers of product.
- Experienced management team working with best-in-class industry consultants to complete engineering and deployment.

## **Potential Near-term Catalysts**

- > Completion of final engineering (funded).
- Completion of financing plans for Alberta and Texas.
- > Commencement of construction activities.
- > Secure strategic partnerships.

## Company at a Glance'

Common Shares Outstanding	143.6
Warrants & Options	23.2
Fully Diluted Common Shares <sup>2</sup>	166.8
Last Unit Offering Price	C\$0.55
Deemed Market Capitalization	C\$79.0
Cash	C\$3.6
Management & Insiders: 35%	

<sup>1</sup>As of January 31, 2024 <sup>2</sup>Excludes 1.9 million preferred shares

EnerPure is a Canadian Cleantech Company founded in Manitoba to address the global recycling of used motor oil through the roll-out of modular skid design recycling plants.

### **Contact EnerPure** info@enerpure.tech www.enerpure.tech

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