

## PROBLEM

No solution that *simultaneously* addresses

- climate change;
- planet organic waste;
- landfill footprints or end of life landfills;
- sustainable clean energy production, and;
- carbon footprint reduction.

## MARKET SIZE

**Planet population except for China, Russia, North Korea, Iraq, and Iran; ~6.5 billion**

**Daily garbage production: ~4,810,000 tonnes**

**VO<sub>s</sub>PS estimated market share: 8%**

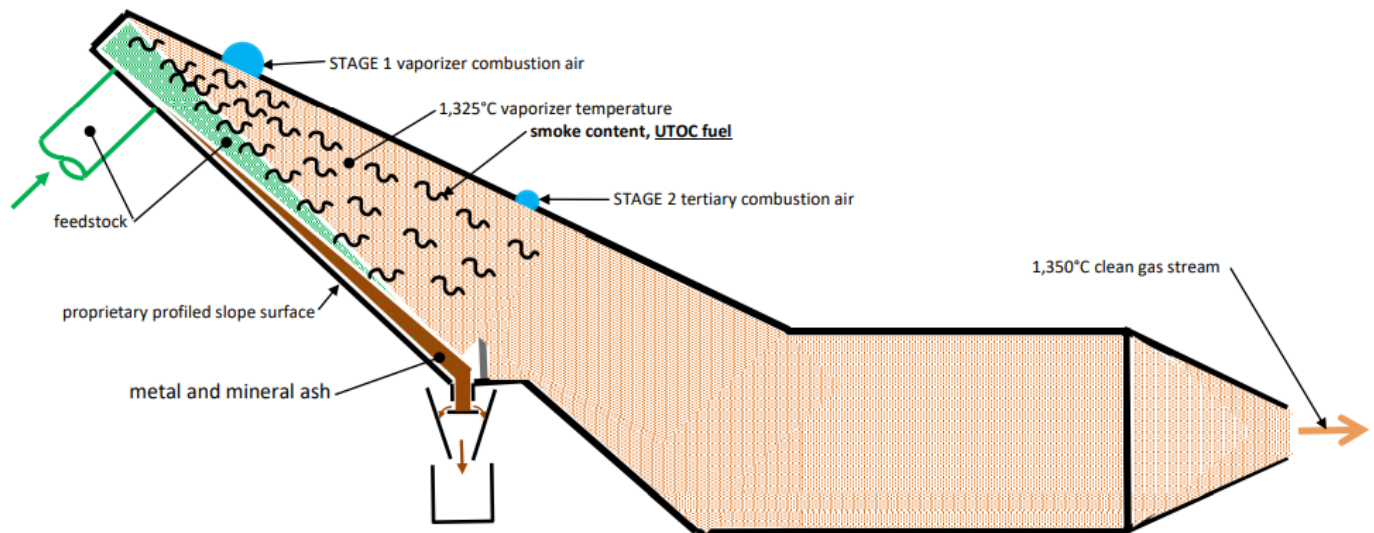
**VO<sub>s</sub>PS 5 year sales potential: ~CAD \$2 billion; conservative as no allowances included for processing disaster debris and industrial wastes**

**There are no competitors to the simple, unprecedented next generation 1,350°C UTOC that recycles any planet organic waste directly into a clean hot gas stream in less than 3 seconds**

## SOLUTION

### UTOC Energy From Waste system

- UTOC is a 2 stage system
- Stage 1: self-generated high intensity radiant energy vaporizes waste. Here ~90% of the vapors are burned
- Stage 2: remaining vapours completely burned at 1,350°C



- completely destroys and recycles organic wastes into clean energy
- no fossil fuel or supplemental heat inputs after start up; operates solely on feedstocks being processed
- ultra low emissions



### TEAM

**Ron Giercke, 99.5% shareholder, VO<sub>s</sub>PS' CEO**

**Jim Smolik, General Manager, reports to CEO**

**Jeremy Vallance, international Marketing & Business Development**

**Osoba Aire, Marketing & Business Development – Canada**

**Steven Mosbrucker, UTOC Technology & Automation Lead - UTOC representative for USA and South America**

**Julian Rimmer, UTOC representative for Europe**

**Ainslie Rimmer, UTOC computer modelling**

**Brian Bowes, Municipal Projects Advisor**

**Don Giercke, UTOC demonstration site manager - operator**

**Maurice Deforal, VO<sub>s</sub>PS researcher**

**Gene Spiece, SR&ED tax credit applications**

**Daryl Pal, 3D CAD design specialist**

**Total VO<sub>s</sub>PS TEAM experience: 500 person years**

# GO-TO-MARKET & CUSTOMER PROFILE

**Customers are any population from 2,700 person communities thru largest cities & industries with waste disposal and / or energy requirements.**

**VO<sub>s</sub>PS has 19 current prospects having 5 year ~CAD \$716 million UTOC sales potential with ~630 MW / hour total electric power generation capacity. Those projects are in Canada, USA, New Zealand, Philippines, West Africa, and Congo. Five are private industry potentials.**

**All prospects to date have resulted from word of mouth awareness and targeted information dissemination. The technology is immediately self-promoting when observed in operation.**

**UTOC applications are virtually unlimited, ranging from livestock operations / agri food / Hutterite colonies / hospitals / industries through communities / small towns / isolated & remote camps-settlements to largest cities (e.g. Dhaka, Toronto, New York, Beijing, and Mexico).**

**UTOC projects are less than ½ the cost of new landfills with <5 year payback vs. no payback (Ottawa project link <https://www.wastetodaymagazine.com/news/ottawa-canada-identifies-waste-to-energy-facility-as-suitable-option-to-handle-increasing-waste-volumes/>) and landfill “elevated temperature event” mitigators (<4 year payback Santa Clarita link solution for major Chiquita landfill problems <https://signalscv.com/2025/05/chiquita-offers-tour-of-work-on-leachate-gases/>)**



### **BUSINESS MODEL**

**VO<sub>s</sub>PS UTOC sale contracts include 40% gross profit.**

**Payments of non refundable VO<sub>s</sub>PS invoices before contracted work / services begin on associated milestones include 40% gross profit.**

**Each VO<sub>s</sub>PS employee's / contract person's compensation will be appropriate for his or her contribution to the success of the corporation. It is the company's objective to provide unrestricted opportunity for all to achieve remuneration apportioned to their individual contribution to the success and profitability of VO<sub>s</sub>PS.**

## ROADMAP

**VO<sub>s</sub>PS' TRL8 level transformative UTOC technology is fully tested and international due diligence proven. Comprehensive proprietary computer models used to rapidly design and price quotations for UTOC systems customized to each application are continually validated by reconciliation with VO<sub>s</sub>PS' UTOC demonstration system operation and market costs.**

**A CAD \$10 million investment will fund construction and operational support of a 7 million Btu / hour (2,050 kW / hour) feedstock conversion capacity UTOC Beta Project.**

**A 24/7/365 operation Beta Project will appease first-adopter concerns, unlocking more than CAD \$700 million prospective VO<sub>s</sub>PS sales within five years.**

**Demonstrated performance, proven value creation, and unprecedented payback economics will accelerate market adoption, expanding the opportunity to CAD \$2 billion (estimated) in the same timeframe as new prospects witness a full featured (as promoted) UTOC Energy-from-Waste project in operation.**

**VO<sub>s</sub>PS is a fully matured, commercial business ready company with structure and resources in place to address immediate and rapid growth sales inspired by a Beta Project completed 9 months after receipt of a CAD \$10 million investment.**

## THE ASK

**A CAD \$10,000,000 investment will fund the construction and operational support of a Municipal Solid Waste fuelled UTOC Beta Project, unlocking potential estimated CAD \$2 billion in sales within 5 years of VO<sub>s</sub>PS receiving the investment.**

### Beta Project Financing

7MM, 12 tonne Municipal Solid Waste / day Beta Project	\$ 7,000,000
Selecting and finalizing Beta Project host agreement(s)	\$ 200,000
24 months VO <sub>s</sub> PS operations including Beta Project support	\$ 2,400,000
Expanding VO <sub>s</sub> PS' marketing network and capabilities	\$ 400,000

Beta Project Total \$10,000,000

### The 9 month project plan.

1. CAD \$10 million investment in VO <sub>s</sub> PS secured.	Feb. 28, 2026
2. commence identifying Beta Project host site and plant layout & flow diagram	Mar. 02, 2026
3. commence upgrading VO <sub>s</sub> PS' marketing network	Mar. 02, 2026
4. complete plant layout & flow diagram, order long delivery components	Mar. 30, 2026
5. commence UTOC system fabrication dwgs & retain project eng'g consultant(s)	Apr. 06, 2026
6. select preferred UTOC Beta Project host site; begin UTOC system licensing	Apr. 27, 2026
7. award UTOC system fabrication contract(s)	May 04, 2026
8. begin mtgs with stakeholders of prospects on attached 5 YEAR sales potential	May 04, 2026
9. commence UTOC automation system design, programming, and manufacture	May 11, 2026
10. award project construction contracts	Jun. 15, 2026
11. Beta Project complete; commence start up / commissioning /operator training	Oct. 12, 2026
12. begin scheduling Beta Project demonstrations to prospects	Nov. 02, 2026
13. Beta Project complete and operating 24/7	Nov. 30, 2026
14. VO <sub>s</sub> PS UTOC system warrantee & support of Beta Project host's O&M personnel	<b>ongoing</b>
15. Close UTOC system sales	<b>ongoing</b>



# CUSTOMER TRACTION

- **Memorandum Of Understanding with Giant Green Leaf in Aberdeen Scotland for UTOC as lynchpin of Energy From Waste projects it is developing in Africa, Asia, Europe, and the Middle East**
- **Memorandum Of Understanding with Africa projects developer for UTOC as lynchpin of Energy From Waste projects in West Africa and Congo**
- **Project Summaries prepared for 3 UTOC Energy From Waste projects in USA, 4 in Canada, 2 in New Zealand, and 2 in Africa; all having paybacks ranging from 3-5 years; all awaiting VO<sub>s</sub>PS CAD \$10 million “Beta Project” 24/7/365 operation to eliminate “first-adopter” apprehensions**

## PRESS AND PROOF POINTS

- **Atkins Realis included UTOC as 1 of 6 options in its 1300 page Miami Dade 4,000 tonne Municipal Solid Waste / day report**
- **promoted performance proving tests by the University of Manitoba, the CFIA, BOMA Environmental, and Dillon Consulting Ltd.**
- **high conversion efficiency / ultra low emissions demonstrated by operating various UTOC versions on numerous occasions**
- **No Manitoba Canada environmental authority concerns about UTOC emissions as promoted**
- **No UTOC emissions concerns in meeting with 2 senior Ireland environmental authority representatives**
- **Professors from Massey University's Chemistry and Industrial Automation departments in Palmerston North New Zealand found no problems with UTOC technology as promoted**

### **PARTNERSHIPS**

- **Giant Green Leaf in Aberdeen Scotland**
- **PEFCO NZ Limited, New Zealand**
- **confidential developer of Energy From Waste projects in West Africa and Congo**
- **2012 Baleen International Inc. (Baleen filters)**
- **Sperling Industries (UTOC manufacturer)**
- **MZ Contracting Ltd. (UTOC hot chamber linings)**
- **Schneider Electric (automation system components supplier)**