



Questor Technology Inc.

Solutions Powered By Clean Combustion



Environmental Protection



Intelligent Solutions



Innovative Design



20 Years Providing Efficient and Effective Clean Combustion Solutions

Q2 2018

October, 2018 Calgary, Alberta

Forward Looking Statements

Certain information presented today may constitute forward-looking statements. Such statements reflect the Company's current expectations, estimates, projections and assumptions.

These forward-looking statements are not guarantees of future performance and are subject to certain risks which could cause actual performance and financial results in the future to vary materially from those contemplated in the forward-looking statements.

For additional information on these risks please refer to the Company's 2017 annual reporting under the heading "Business Conditions and Risk Management."





What We Do

Questor is a leading provider of 99.99% efficient, safe, reliable and regulatory compliant waste gas combustion systems across an array of industries.

We specialize in waste gas combustion equipment addressing air quality and emissions. We recover the waste heat from clean combustion and other sources to generate power at *ClearPower* and treat waste water.

Questor's solutions improve safety, reduce costs, improve energy efficiency, achieve compliance, reduce GHG emissions while gaining public support.

Questor's adaptability has resulted in unique solutions that have become industry standards in an ever-changing, competitive market.





The Problem We Are Solving

Before



Questor



Community acceptance; operating and capital cost reductions; safety; energy efficiency; emission regulations:-VOC, HAP's, methane, air quality, GHG emissions, low carbon operations, green/closed loop completions, no flaring, no venting, no odours





Creating value from Waste gases

Oil and Gas Solutions

99.99% Combustion Efficiency Clean Emissions - CO₂ and Water



Pad and Well Site Operations



Waste Gases



Drilling and Completions Operations





Clean Combustion Device



Water Vaporization



ORC Heat to Power 77kW to 5MW



Questor Corporate Profile

- Canadian company founded in 1994
- Listed in 1998 on the TSX Venture Exchange "QST"
- 26.5 million shares outstanding
- U.S. and Canadian incineration patent 2019
- Diversified product offering clean combustion (99.99%),
 water treatment and heat to power
- Global operations in Canada, Europe, USA, Asia and Latin America
- Technology applicable to number industries including: oil and gas industry, mining, landfills, agriculture, waste water treatment, industrial plants.





Investor Information

Share Information (Q2'18 YTD)

Common Shares issued/outstanding 26,465,370

Warrants Nil

Current share price \$2.58

52 Week Hi-low \$1.42 - \$4.55

Q2 YTD Earnings per \$0.15

Market Cap \$68.3 million

Major Shareholders

Audrey Mascarenhas 16%

James Inkster 5%

12 Month Share Price Performance



Financial Information (Q2'18 YTD)

Revenue \$11,730,155

Cash & Cash Eq. \$4,871,624

N1 et Debt





Board of Directors

<u>James Inkster – Chairman</u>

Entrepreneur and businessman. Jim has provided twenty years of insight in assisting management in building the firm base on which the Corporation's growth plans are materializing.

Jean-Michel Gires

Jean-Michel Gires previous President & CEO Total E&P Canada up to December 2012. He joined Chrysalix in 2013, an energy venture capital firm where he was a partner. He is now based in Calgary and dedicates himself to innovation in the energy space.

Stewart Hanlon

Mr. Hanlon had a long and distinguished career with Gibson Energy Inc. a Canadian-based midstream energy company. Mr Hanlon served as President and Chief Executive Officer of Gibsons from 2009 through 2017.

<u>Audrey Mascarenhas – President and CEO</u>

Chemical Engineer with Master's degree in Petroleum. Over 35 years of oil and gas experience. 17 years with Gulf Canada Resources prior to joining Questor in 1999. U of C Engineering Industry advisor. Alberta Energy Futures Lab Fellow. Chair of the Federal Government Clean Technology Strategy table. 2011 E&Y Entrepreneur of the year. Fellow of the Canadian Academy of Engineers.





Questor Team Profile

<u>Audrey Mascarenhas – President and CEO</u>

Dan Zivkusic- CFO

CPA, CMA with over 20 years in the oil and gas industry in the E&P and service sectors. Senior executive finance experience in E&P, pressure pumping, artificial lift systems, managed pressure drilling and testing.

John Sutherland - COO

Mechanical engineer with over 31 years of domestic and international experience in production operations, facility design, regulatory compliance, HSE and EPC with various mid-sized to large multinational oil and gas companies.

Robert Miller – President of ClearPower Systems

Mechanical engineer with over 45 years of extensive experience in manufacturing, co-generation and power generation with Amerada Hess (Microgen), Turbogenix, Calnetix and General Electric.

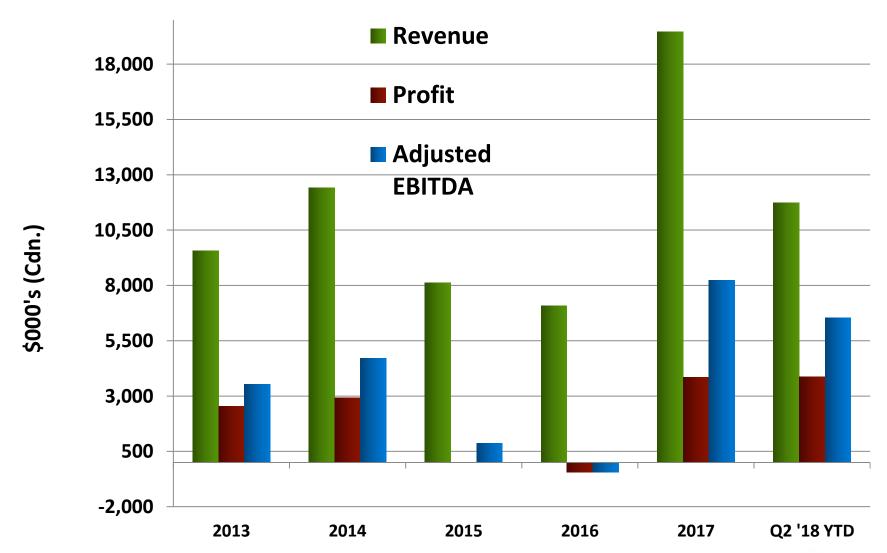
Justin Mahendra, VP Sales and Marketing

16 years of technical sales, account management and business development experience including 7 years in waste management within the UK and Europe and the past 9 years in the North American oil and gas sector.





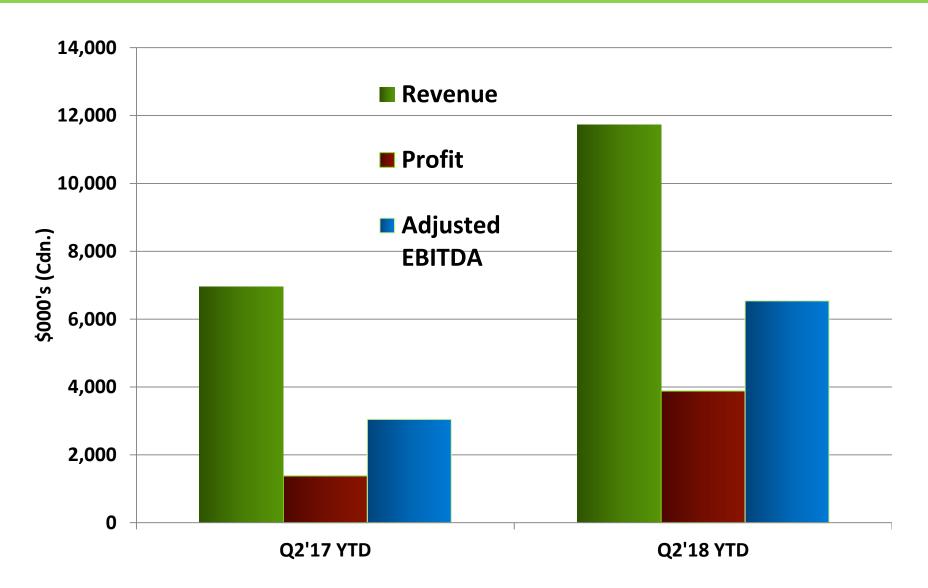
Financial Performance







Q2 YTD Financial Performance







Business Segments

Sales



Field Combustion Services



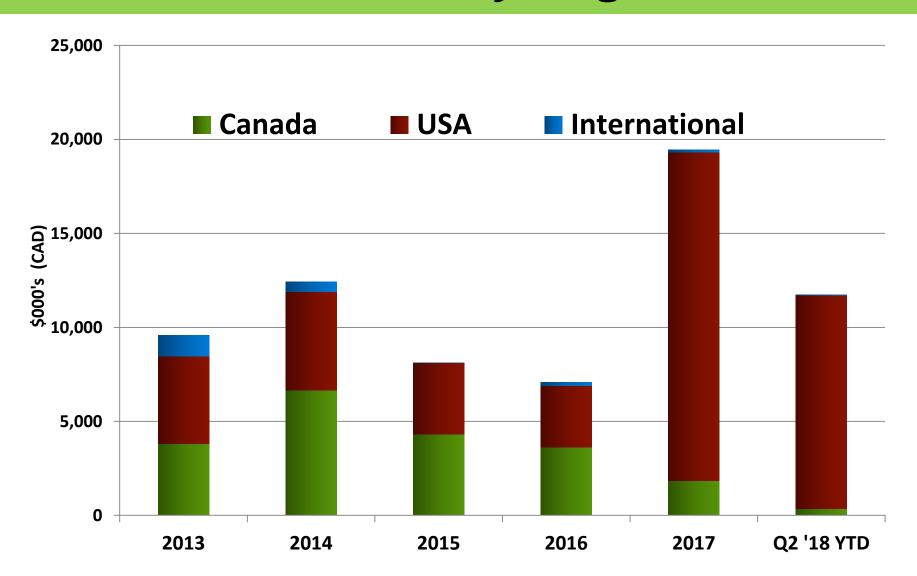
Rentals







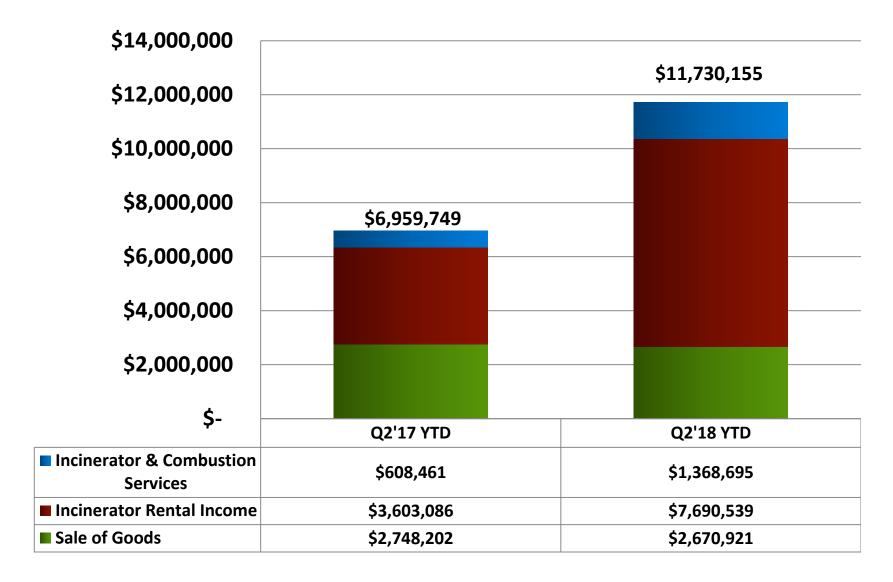
Revenue by Region







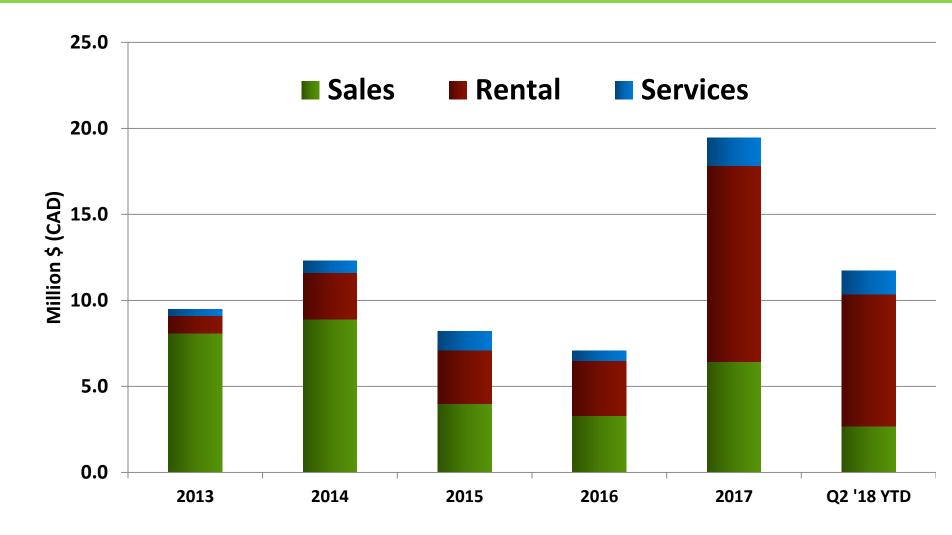
United States Revenue







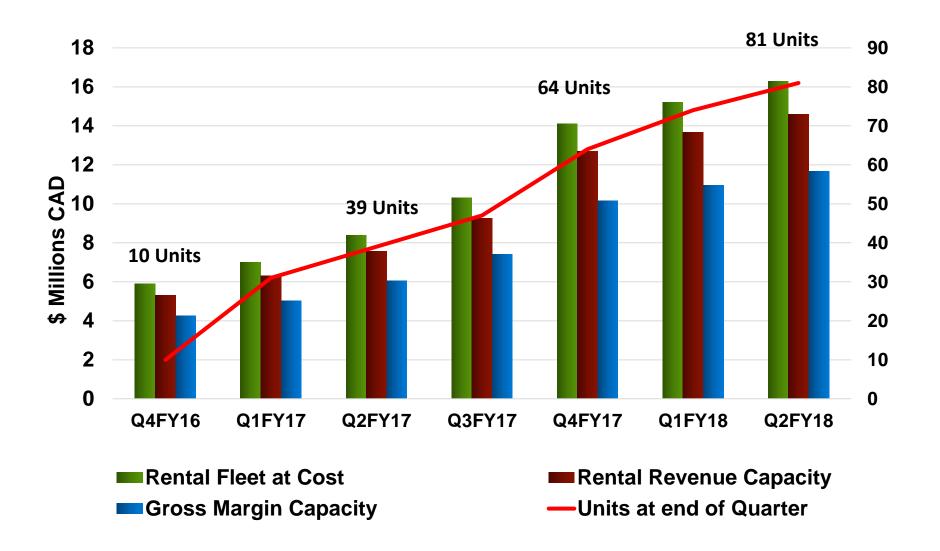
Business Segment Revenues







Rental Fleet Expansion







Extraction Oil & Gas – Hybrid Units

30% reduction in lease size 20% reduction in pad cost Incremental 400 bbls/d production







Emissions Control Value Proposition

- Significant driver for clean combustion is the VOC limits imposed, especially in non-attainment zones
- Many Facilities are capped on annual VOC emissions
- All combustors assumed to perform at 95% destruction efficiency QUAD "0" testing
- Questor unit field tested at XOG and demonstrated efficiency >99.9% in April, 2018
- XOG Facilities permitted to use 99% in VOC permit
- Uplift of 400 bbl/d for typical 12-Well pad in CO-DJ
- Significant competitive advantage over competition





Colorado

- Air quality issues non-attainment zones
- Lack of gas pipeline take away capacity
- Win-win created with stringent regulations no flaring, no venting, no odors
- Residents will be voting on proposition 112 on November 6, 2018. (drilling set-backs at 2,500 feet)
- Existing clients with 3+ year's of grandfathered drilling permits - business is expected to remain strong with or without proposition 112 for this period of time
- Questor has over 75 units in the State and has established a strong market presence and significantly reduced customer concentration





U.S. Market Expansion Opportunity

- Increased emission regulation, lack of take away gas capacity and community concerns creating the push
- Canada regulations will lag behind US; hence, Questor's focus on US market
- State of Colorado has taken lead role in regulating quality, high-performance emission control equipment for flowbacks.
- Questor's approach in the Niobrara/DJ basin is scalable and transferable to other areas





Opportunity in Texas and North Dakota

Permian

- 350 MMscf/d currently flared with pipeline capacity at 98%
- Opportunity for a 180 unit rental fleet
- 3370 well drilled but uncompleted due to lack of P/L capacity
- Moved rental units in October to Midland, Texas yard for demonstrations

Bakken

- 220 MMscf/d flared representing 11% of gas production
- Opportunity for a rental fleet of 120 units
- Industry invests \$100k per day on emissions control
- Recently deployed 4 large rental units to ND for a large E&P.
 Questor units create an significant opportunity to increase oil production utilizing the 99.99% combustion efficiency





Questor's Market Driver

- US EPA/State regulation focused on air quality and nonattainment zone emissions: Methane, HAP and VOC's
- 99.99% combustion efficiency advantage in meeting air quality emission regulations (VOC's) – 400bbls/d incremental oil production on a 12 well pad site
- Gas flaring, fugitive emissions and venting are one of the biggest sources of methane emissions
- Methane is 84x more potent than CO2 clean combustion reduces GHG emission 30x – most cost effective way
- Investment \$ focused on low carbon industries World Bank, Caisse de dépôt, University endowment funds, etc.
- Thermal oxidizer performance (99.99%) at a combustor price (95%)





Clean Technology Market

- Estimated to grow from \$1 to \$3 trillion globally and be the 3rd largest industrial sector by 2020
- Top 10 global E&P companies committed \$1B to reducing their methane emissions – OGCI
- Some E&P CEO's publically stating target emission reductions
- US EPA/State regulation focused on methane, HAP and VOC's – Non-attainment zones. Canadian/US/Mexican collaboration on methane regulation and reduction
- Paris COP21 emission reduction commitments
- Cap and Trade or carbon tax legislation
- Renewable power to replace coal waste heat to power





Growth Strategy - Diversification

- Diversified technology solution offerings – power and water treatment – expansion into other industries
- ClearPower waste heat conversion to power with zero emissions significant global industrial market - 77kW to 1.5MW
- Developing technology to utilize the on-site heat from flue gas to reduce produced and flow-back water volumes (90% reduction in volume at a cost of less than \$3/bbl)

Questor combustion unit

















QUESTOR SOLUTIONS AND TECHNOLOGY INC

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