PYROGENESIS

State-of-the-art industrial technology solving some of the world's most pressing environmental, engineering, and energy problems.

Corporate Presentation November 16, 2023 TSX: PYR | FRA: 8PY



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Important Disclosures



TSX: PYR

Company Overview

30 YEAR HISTORY

For 30 years, PyroGenesis has been advancing its expertise in ultra-high temperature processes to develop a technology ecosystem of services and solutions that helps heavy industry customers meet their fuel-switching, decarbonization, greenhouse-gas reduction, and process optimization goals.





ULTRA-HIGH TEMPERATURE INDUSTRIAL PROCESSES

To help solve key environmental, engineering, and energy challenges facing heavy industry.

BY THE NUMBERS

30+ Years founded in 1991

3 Facilities 2 factories, 1 engineering HQ **156** Patents granted or pending

3 Major verticals

each with multiple solutions

120 Employees largely engineers & scientists \$34M Backlog

signed & awarded as of Nov 9

3 Years on TSX

publicly listed November 2020



6 CONTINENTS 20 COUNTRIES

COMPANY HEADQUARTERS

MANUFACTURING FACILITIES

OVERALL SALES ACTIVITY

GLOBAL SALES



SALES BY PROJECT TYPE

COMPANY HEADQUARTERS

MANUFACTURING FACILITIES

ENERGY TRANSITION & EMISSION REDUCTION SALES

COMMODITY SECURITY & OPTIMIZATION SALES

WASTE REMEDIATION SALES

GLOBAL SALES



Company Overview

INVESTMENT THESIS

1 Serving the largest sectors of the global industrial decarbonization effort	 PyroGenesis' all-electric plasma-based industrial furnace burners and waste destruction systems, along with biogas upgrading and desulphurization technologies, serve the rapidly growing mandate to lower industrial fossil fuel usage and greenhouse gas emissions
2 Major regulatory and policy drivers	 Favourable regulatory dynamics as numerous international governments introduce both escalating emissions taxes and substantial decarbonization incentives, such as the renewable energy-heavy US Inflation Reduction Act of August 2022 Strong policy tailwinds for high-emitting industries such as aluminum and steel, who face self-mandated carbon reduction deadlines after embracing Paris Accord targets
3 Category maker	 With a strong IP profile of 150+ patents granted/pending, PyroGenesis offers differentiated solutions unique to several markets
4 Contributing to the circular economy	 PyroGenesis' solutions, such as metal dross recovery systems and coke-oven gas purification systems, enable reuse of elements within the industrial production process to provide a sustainability advantage
5 Decades of technology leadership	 25+ years of commercialization and R&D prior to senior capital market entry Large, globally-recognized team of leading in-house plasma expertise
6 Diverse customer and solution base	Revenue opportunities across multiple industries

PLASMA: NATURE'S CARBON-FREE ENERGY SOURCE AND OUR AREA OF EXPERTISE

CORE INNOVATION

- We are experts in ultra-high temperature industrial processes
 Many of our technology solutions utilize plasma
- We have one of the largest teams of plasma experts in the world
 - Our scientists and engineers have decades of experience in creating plasma technologies, as well as conducting plasma R&D for governments, academia, military, and industry

What is Plasma?

- Plasma is the 4th state of matter, created when gas is super-heated and energized with electricity
- The Sun is plasma, at 10,000°F
- Man-made plasma is electric, uses no fossil fuels, and emits no GHG, making it a carbon-free fuel source



Company Overview



CORE INNOVATION

- Our **plasma-based solutions** operate at up to 10,000°F
- The ultra-high heat enables the use of plasma across multiple solutions and heavy industries, including defense, aluminum, mining, steel, waste destruction, 3D printing
- Plasma torches are available from 50kW to 2mW+ output per torch; 3mW+ torches are currently in development
- Plasma systems provide numerous environmental and technical benefits, including integration with computerized process controls











Company Overview



HOW WE DEPLOY PLASMA'S UNIQUE CAPABILITIES

CORE INNOVATION

Furnace Fuel Switching / Electrification



Purify

Return Composite Materials Back to Their Original Form

Alter the State of a Material

Destroy

Toxic Refrigerant Removal



Recovery and Valorization of Materials from Dross



Metal Powders for 3D Printing



Ship-board Waste Destruction





PYROGENESIS



BUSINESS STRATEGY

We've bundled our technologies into a solution ecosystem, under three verticals aligned to heavy industry economic drivers:

Energy Transition & Emission Reduction

 fuel switching, utilizing our electric-powered plasma torches and biogas upgrading technology to help heavy industry reduce their fossil fuel use and greenhouse gas emissions

Commodity Security & Optimization

• recovery of viable metals, and the optimization of production to increase output, maximize raw materials, and improve availability of critical minerals

Waste Remediation

 safe destruction of hazardous materials, and the recovery and valorization of underlying substances such as chemicals and minerals

Solution Ecosystem





Strategy

GROWTH THROUGH CROSS-SELL, RELATIONSHIPS, MARKET EXPANSION, AND CONTINUED TECHNOLOGY ACCEPTANCE

LEVERAGING INDUSTRIAL DECARBONIZATION TREND

GROWTH STRATEGY

Organic Growth

• Outbound Sales

- Focused on 3-verticals:
 - 1. Energy Transition & Emission Reduction
 - 2. Commodity Security & Optimization
 - 3. Waste Remediation
- Insider Advantage
 - Uncover on-site opportunities
- New Tech Development
- Government & Academia Relationships
- Engineering Study Requests

M&A / JVs

Acquisition

- Targeting small private firms
- AirScience Technologies acquired 08/12/21 (now Pyro Green-Gas)
- Joint Ventures
 - Partnering with key customers on potential commercial endeavors
 - Leveraging relationships and engineering reputation



GROWTH THROUGH CROSS-SELL, RELATIONSHIPS, MARKET EXPANSION, AND CONTINUED TECHNOLOGY ACCEPTANCE

LEVERAGING INDUSTRIAL DECARBONIZATION TREND

GROWTH STRATEGY

Organic Growth



ALUMINERIE ALOUETTE PARTNERSHIP





Aluminerie Alouette is an aluminum producer in Quebec, home to the largest primary aluminum smelter in the Americas.

Alouette is co-owned by Rio Tinto (40%), AMAG Austria Metall (20%), Hydro Aluminium Norway (20%), Marubeni Metals Japan (13.33%) and Investissement Quebec (6.67%).

PyroGenesis has partnered with Alouette on various technologies to help decrease Alouette's environmental footprint by recovering, and re-using, valuable materials waste stemming from primary aluminum production processes, including from spent pot linings (SPL) and electrolytic bath.





Business Strategy/Solution Ecosystem

PYROGENESIS

Solution Ecosystem

SOLUTION ECO-SYSTEM

Energy Transition & Emission Reduction

- Iron ore furnace plasma burners
- Biogas upgrading, desulphurization, and pollution control
- Coke oven gas purification
- Plasma aluminum remelting furnace
- Plasma burners for aluminum holding tanks
- Plasma burners for carbon anode baking furnaces

Commodity Security & Optimization

- Aluminum dross recovery
- Titanium metal powders for additive manufacturing (industrial 3D printing)
- Nano-silicon battery powders
- Fumed silica manufacturing

Waste Remediation

- Ship-board waste destruction
- Land-based solid/hazardous waste destruction
- Aluminum dross residue valorization
- Aluminum spent pot linings recovery and valorization

Each vertical has several technology solutions at different stages towards commercialization. Our R&D is focussed on developing additional solutions within these three verticals.



SOLUTION ECO-SYSTEM

Energy Transition & Emission Reduction

Commercialized

- Iron ore furnace plasma burners
- Biogas upgrading, desulphurization, and pollution control systems
- Coke oven gas purification

Commercial-Ready

- Plasma aluminum remelting furnace
- Plasma burners for aluminum holding tanks
- Plasma burners for carbon anode baking furnaces

Commodity Security & Optimization

Commercialized

- Aluminum dross recovery
- Titanium metal powders for additive manufacturing (industrial 3D printing)

Pre-Commercial/Pilot

- Nano-silicon battery powders
- Fumed silica manufacturing

Waste Remediation

Commercialized Technology

- Ship-board waste destruction
- Land-based solid/hazardous waste destruction

Commercial-Ready

Aluminum dross residue valorization

In Development

 Aluminum spent pot linings recovery and valorization

Each vertical has several technology solutions at different stages towards commercialization. Our R&D is focussed on developing additional solutions within these three verticals.





PyroGenesis offers fuel switching and electrification solutions for companies seeking energy transition or carbon reduction, including plasma burners for fossil fuel furnace retrofit, and biogas upgrading technology to create renewable natural gas (RNG) from landfill emissions.

Target Sectors

- Iron ore
- Aluminum
- Solid Waste/ Landfill
- Steelmaking
- Automaking/ Manufacturing
- Chemical
- Government

OVERVIEW

Commercialized Technology

- Iron ore furnace plasma burners
- Biogas upgrading, desulphurization, and pollution control
- Coke oven gas purification

Commercial-Ready Solutions

- Aluminum remelting plasma furnace
- Plasma burners for holding tanks
- Plasma burners for carbon anode baking furnaces



REGULATORY, POLICY, GEOPOLITICAL, AND SOCIAL DRIVERS

TAILWINDS

Paris Accord, to limit the increase in climate temperature to below 2C, via 50% emission reduction by 2030, and net zero by 2050.

US Inflation Reduction Act, which provides significant federal funding for climate efforts, directing nearly \$400 billion funding to clean energy, with the goal of substantially lowering US carbon emissions by the end of this decade, with clean electricity and transmission commanding the biggest portion.

Aluminum industry commitment of net zero by 2050.

Individual large emitters instituting their own fast-tracked climate plans.

G7 nations committing to net zero by 2050, with Canada committing to reduce 40-45% GHG emissions by 2030, UK committing to 78% reduction by 2035.

Carbon Tax Escalations

(Canada: <u>https://www.canada.ca/en/environment-climate-change/services/climate-change/pricing-pollution-how-it-will-work/carbon-pollution-pricing-federal-benchmark-information/federal-benchmark-2023-2030.html#toc3</u>)



PLASMA BURNERS FOR IRON ORE BAKING

- Upstream iron ore producers turn lower quality ore into marble sized pellets (pelletization) for transportation and later use in blast furnaces
- Pelletization furnaces burn heavy fuels, bunker fuel, diesel, or natural gas





Technology Solution

Fuel-switching to PyroGenesis' electric plasma torches eliminates fossil fuel use and CO2 emissions from gas furnaces burners.





PLASMA BURNERS FOR IRON ORE BAKING

STATUS: commercialized in 2022

- Completed initial systems sales to two largest global ore firms
- Torches to undergo in-furnace trials at both client factories in 2023
- Successful completion of ongoing trials may result in multi-unit orders in near/medium term

OUTLOOK/POTENTIAL

- ~\$1.8MM sale price per torch, \$7MM NPV per torch (over 20 years)
- PyroGenesis owns the global patent on the technology





BIOGAS UPGRADING AND DESULPHURIZATION

- US landfill off-gas is an enormous emissions problem, equivalent to 20 million cars
- According to the EPA, it's the third largest source of human-related methane emissions in the US, at ~15%





Technology Solution

Pyro Green-Gas' landfill biogas upgrading, purification, desulphurization, and pollution control systems convert landfill methane into RNG





BIOGAS UPGRADING AND DESULPHURIZATION

STATUS: mature and growing business

- Pyro Green-Gas, a Montreal company (formerly AirScience Technologies), was acquired by PyroGenesis in August 2021
- An experienced provider of systems for RNG, pyrolysis-gas purification, biogas & landfill-gas flares and thermal oxidizers, purification of coke-oven gas (COG), and landfill gas flares

OUTLOOK/POTENTIAL

- Operating since 1993, with array of clients including in Italy and India
- The acquisition effectively provides PyroGenesis with a 15+ year advantage compared to building similar operations from scratch





ALUMINUM REMELTING PLASMA FURNACE

- Aluminum demand is surging amid rising material costs
- Industry faces 77% carbon reduction target by 2050
- Holding tanks, remelting furnaces, and anode baking furnaces all burn gas

Technology Solutions

- <u>Plasma-heated remelting furnace</u> for secondary aluminum producers and recyclers
- Plasma torch burner replacements for holding tanks and anode baking furnaces









ALUMINUM REMELTING PLASMA FURNACE

STATUS: commercial-ready

- The development of a remelting furnace using plasma is based off our existing Drosrite metal recovery furnace design, which has been in use commercially for several years
- Plasma burner replacement for client holding tanks or furnaces is nascent

OUTLOOK/POTENTIAL

- With aluminum demand growing, recyclers and secondary producers are increasing capacity while investigating carbon-free solutions
- Anode baking furnaces use between 4 and 100 burners per furnace; our suitable plasma torch model is ~\$250K-\$500K per torch







PLASMA TORCH, COKE-OVEN GAS² CONVERSION FOR STEELMAKING

- Steelmaking relies heavily on coal, coke, and diesel
- Causes 7-12% of global GHG emissions
- Releases more than 3 billion metric tons of carbon dioxide each year, making steel the industrial material with the biggest climate impact

Technology Solutions

- <u>Plasma torches</u> can replace gas burners in various steps of the iron and steel process
- <u>Pyro Green-Gas technology</u> converts cokeoven gas to high value, reusable hydrogen









PLASMA TORCH, COKE-OVEN GAS² CONVERSION FOR STEELMAKING

STATUS: commercial-ready / commercial

- Plasma torches are being trialed in iron ore baking, an upstream step of the steelmaking process; outreach to steelmakers is occurring
- Pyro Green-Gas has coke oven gas conversion technology in use

OUTLOOK/POTENTIAL

- With similar infrastructure and emission reduction targets as pelletization plants, steelmaking presents a range of opportunities
- We are quoting ~\$250K to \$1.8MM sale price per torch during initial sales outreach to steelmakers, of which there are dozens globally





PYROGENESIS

As the growing popularity of vital materials collides with demands for higher quality, lower environmental impact, and the disruption of supply chains by geopolitical issues, we can recover viable material from waste, improve output, and develop new means of producing critical metals.

Target Sectors

- Aluminum
- Aerospace
- Automotive
- Manufacturing
- Military
- Government
- Steelmaking

OVERVIEW

Commercialized Solutions

- Aluminum dross recovery (Drosrite)
- Titanium metal powders for additive manufacturing (industrial 3D printing)

Pre-Commercial

- Nano-silicon battery powders
- Fumed silica manufacturing



REGULATORY, POLICY, GEOPOLITICAL, AND SOCIAL DRIVERS

TAILWINDS

- Rising demand for key metals, such as aluminum and iron
 - Demand for aluminium forecast to grow by 80% by 2050
- Critical minerals designations by many countries:
 - Canada <u>https://www.canada.ca/en/campaign/critical-minerals-in-</u> <u>canada/canadian-critical-minerals-strategy.html</u>
- Instability around energy availability and energy price
- Supply chain disruptions made worse by political, geopolitical unrest
- Re-shoring / on-shoring trend for metals and minerals
- Rising raw materials prices



DROSRITETM ALUMINUM DROSS PROCESSING

- Dross is a residual byproduct of smelting; when air comes into contact with molten aluminum, the drying top layer absorbs impurities rising to the surface
- The result is a mix of contaminants and metal, traditionally skimmed and discarded
- Cold dross metal recovery methods are inefficient, creating a toxic salt residue

Technology Solutions

 Our patented hot dross <u>Drosrite</u>[™] systems recover 98% of the aluminum in dross – a 20% higher rate, a 50% lower opex, a lower carbon footprint, and without the aluminum-contaminating salt required by the traditional method allowing for on-site in-line processing without leaving the factory.









DROSRITETM ALUMINUM DROSS PROCESSING

STATUS: commercialized

- Drosrite systems are processing dross at Ma'aden in Ras Al Khair Saudi Arabia, the largest greenfield aluminum smelter in the world
- 14 Drosrite[™] orders placed since debut in 2016
- We continue to raise the price while advancing the technology

OUTLOOK/POTENTIAL

- With aluminum demand growing, raw material prices rising, and ongoing supply chain instability, primary aluminum producers seek technology like Drosrite to maximize their output.
- New opportunities are with recyclers and downstream manufacturers







NEXGENTM TITANIUM METAL POWDERS

- Titanium metal powder is in high demand by additive manufacturers due to a high strength/light weight combination, putting it on the critical mineral list of many countries
- Used by aerospace, medical industries for 3D printed parts and tools

Technology Solution

 As inventor of the gold standard plasma atomization process, our newly-launched patented <u>NexGen[™] metal powder production system</u> increases output, lowers cost, and improves yield – while delivering what we believe is the market's highest quality titanium powder.







NEXGENTM TITANIUM METAL POWDERS

STATUS: commercialized

 We have taken a series of steps – starting with a ground-up rethink and improvement of the technology for NexGen[™] – to position us as an eventual leader in the high-quality powder space.

OUTLOOK/POTENTIAL

- Additive manufacturing is growing at 19% CAGR, to \$45Bn by 2028
- Q2 saw our first by-the-tonne order, for 5 tonnes of titanium powder
- The company is in the final stage of a 2-year long qualification process with a major global aerospace firm for official supplier status









PyroGenesis technology facilitates the safe destruction of hazardous materials, and the recovery and valorisation of underlying substances such as chemicals and minerals.

Target Sectors

- Military
- Aluminum
- Government
- Solid Waste/ Landfill
- Chemical
- Medical

OVERVIEW

Commercialized Solutions

Ship-board waste destruction
 Land-based solid/hazardous waste

Commercial-Ready Solutions

Aluminum dross residue valorization

In Development

• Aluminum spent pot linings recovery and valorization



REGULATORY, POLICY, GEOPOLITICAL, AND SOCIAL DRIVERS

TAILWINDS

- Tightening landfill regulations
- Restrictions around:
 - refrigerant disposal
 - Incineration
 - medical waste disposal
- Rising awareness around "forever chemicals" such as PFAS
- Legal mitigation for heavy industry dealing with decades of potential claims for unsafe disposal
- Recognition of the value inherent within some waste streams and the benefit of seeking technology that can safely reconstitute and potentially reuse waste material



SHIP-BOARD WASTE DESTRUCTION (PAWDS)

- Sea-borne ships cannot dump non-biodegradable waste into the ocean
- Compacted onboard trash quickly uses up storage space, forcing premature return to port





Technology Solution

PyroGenesis PAWDS system safely destroys paper, plastic, food, oily rags, wood, and waste-oil on-board ships, with zero emissions.





SHIP-BOARD WASTE DESTRUCTION (PAWDS)

STATUS: commercialized

- US Navy purchased multiple PAWDS systems for use on the newest class of aircraft carriers
- The Ford-class carriers are the world's largest warships, and the most technologically advanced ships ever built

OUTLOOK/POTENTIAL

- Systems for 2 ships have been built and delivered (one now at sea)
- 2 more systems in production, for later delivery
- PAWDS formally specified into the design of future Ford class builds







SOLID AND HAZARDOUS WASTE DESTRUCTION

- Legislation is tightening restrictions on allowable landfill waste in jurisdictions worldwide
- Industrial, medical, and synthetic refrigerant waste including CFCs, HFCs, and HCFCs – are under scrutiny





Technology Solution

- Our waste destruction options include waste-toenergy, solid waste, chemicals, and refrigerants
- SPARC destroys refrigerants and chemicals cleanly with no incineration, to 6N efficiency (99.9999%)







SOLID AND HAZARDOUS WASTE DESTRUCTION

STATUS: commercialized

• New \$6M SPARC sale Q1 2023 to New Zealand product stewardship organization, due to NZ government's refrigerant destruction mandate

OUTLOOK/POTENTIAL

- Previously a latent division, we are seeing renewed interest due to tightening landfill restrictions worldwide
- SPARC sale to New Zealand includes option for second \$6M system, as demand is expected to exceed capacity due to NZ government changing refrigerant destruction rules from voluntary to mandatory





ALUMINUM DROSS RESIDUE VALORIZATION

- While systems like our Drosrite can reclaim valuable metals from aluminum dross, a chemical residue remains
- The residues are packed full of toxic chemicals and usually landfilled



Technology Solution

Working with a partner, PyroGenesis determined that the chemical residues, if treated correctly, can safely uncover raw chemicals that can be sold back into the market, or valorized.





ALUMINUM DROSS RESIDUE VALORIZATION

STATUS: commercial-ready

- We are establishing a joint venture with an international partner
- The ultimate goal is to build small factories to process the dross residue from nearby aluminum producers

OUTLOOK/POTENTIAL

- The joint venture is currently undergoing a due diligence phase
- Residue samples from dross processed by us was lab tested
- An economic analysis is helping to determine 1st factory location
- Initial timelines target 2023/24 for first factory design





ALUMINUM SPENT POT LINING VALORISATION

- Aluminum is produced inside a steel shell (or "pot") lined with carbon cathode material that conducts electricity
- The lining loses conductivity in 2-6 years and is replaced
- Contaminated by chemicals, the toxic "spent pot lining" is stored or landfilled, a major environmental problem

Technology Solution

Partnering with Aluminerie Alouette, the largest smelter in the Americas and co-owned by Rio Tinto, our solution transforms the spent lining into synthesis gas and aluminum fluoride: reusable raw materials.









ALUMINUM SPENT POT LINING VALORISATION

STATUS: in development

- Alouette and PyroGenesis have recently expanded the partnership
- Compared to chemical treatments currently used, our method is projected to generate major savings resulting from the decrease or elimination of costs of treatment, transportation, and land-filling

OUTLOOK/POTENTIAL

- Every aluminum smelter globally produces spent pot lining (SPL)
- Average of 15-35 kg of SPL are generated per ton of aluminum produced; ~ 1.5 million tons of SPL are produced annually worldwide
- Potential total addressable global market of ~\$3 billion







Operational Highlights

CONTRACTS FROM MULTIPLE BUSINESS LINES

Aluminum Waste Remediation 3D Printing / Additive Manufac Ship-Board Waste Destruction Hazardous Refrigerant Destru Air Purification Energy Transition Study Fuel Switching Study Dross Processing / Air Purifica Government Contract

REVENUE DIVERSIFICATION

	\$2.7M to recover and valorize waste residue from primary aluminum production
turing	5 tonne order for titanium metal powder; option for 6 tonnes more
	3 plasma waste destruction torches, to US Navy (in addition to 4 full system sales)
ction	\$6M land-based system to destroy refrigerants from across New Zealand
	System to decontaminate dust generated during lithium battery recycling
	Computational fluid dynamics ("CFD") study to evaluate the use of plasma in the European conglomerate's chemical production boilers
	Study to investigate the feasibility of using plasma torches as a heating source in aluminum cast house furnaces, for international primary aluminum producer
tion	Test plasma torches for recovering magnesium metal from dross and recycled minerals; develop a method to clean and decontaminate particulate matter produced during primary magnesium production
	\$1.15M Phase 2 contract award from Innovative Solutions Canada



Operational Highlights

Project Revenue Backlog

QUARTERLY BACKLOG 2017 - 2023



Backlog value is reported as at date of quarterly financial filing, not quarter end.

FISCAL QUARTERS

PYRO<mark>genesis</mark>



Revenue History

QUARTERLY REVENUE 2015 - 2023



FISCAL QUARTERS



Revenue History

YEARLY REVENUES BY QUARTER 2015 - 2023

■Q1 ■Q2 ■Q3 ■Q4 Full Year / Year To Date

\$40,000,000 -----



PYROGENESIS

Operational Highlights

PYROGENESIS DEVELOPS PARTNERSHIPS TO HELP DRIVE INNOVATION AND GROWTH





ALUMINERIE ALOUETTE





PARTNERSHIPS

- HPQ Silicon is an advanced materials engineering provider that offers sustainable silica (SiO2) and silicon (Si) solutions. Based in Quebec, HPQ is developing a portfolio of valueadded silicon products sought after by electric vehicle and battery manufacturers. PyroGenesis is building the technology and pilot plants for HPQ while also holding royalty rights on some eventual product sales. PyroGenesis also owns shares in HPQ.
- Aluminerie Alouette is an aluminum producer in Quebec, home to the largest primary aluminum smelter in the Americas. The company is majority owned by Rio Tinto. PyroGenesis has partnered with Alouette on various technologies to help decrease Alouette's environmental footprint by mitigating, and re-using, waste stemming from aluminum production, including from spent pot linings (SPL) and electrolytic bath.
- Aubert & Duval co-owned by Airbus, Safran, and Tikehau Capital, is a century-old supplier of critical parts and materials, and specialty steels, superalloys and titanium, to high-precision customers, notably the aerospace, defence, nuclear and medical industries. The company generates annual revenues of ~€550 million and employs 3,700 people, mostly in France. PyroGenesis partners with A&D through A&D's metal powders for additive manufacturing division, where A&D will act as the exclusive supplier of PyroGenesis titanium metal powders in the EU.





SUMMARY

- Tailwinds from industrial carbon reduction trend and major policy and regulatory drivers
- ✓ 30 years developing technologies supported, vetted, and adopted by major global corporations, governments, and military
- ✓ IP strength from 150+ patents granted or pending in US, Canada, and globally
- \checkmark Long tail of potential additional large-market applications
- \checkmark Diversified revenue sources
- \checkmark Significant potential upcoming catalysts



PYROGENESIS

Using Plasma-Based Solutions to Reduce the World's Carbon Footprint

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