



COLDFALL
CORPORATION

Improving lifestyles by responsibly recycling waste while achieving substantial benefits for ourselves, our employees, the community and the environment.

TRANSMUTATION: THE ACTION OF CHANGING OR THE STATE OF BEING CHANGED TO ANOTHER FORM.

EXECUTIVE SUMMARY



ColdFall was founded by Sam Little, Andre Bustamante, Rex Little, and Tom Truitt in 2012 to capitalize on the environmental remediation of massive tire dumps and provide an improved method for recycling carbon-based objects among other problems. The Company seeks to build and operate a commercial recycling plant with the primary objective of acquiring and utilizing patented, high-impact transmute technologies.

Over 8 Million Tons of **plastic** end up in the ocean and 89% of this comes from single-use plastic. As the plastic breaks down, small baitfish mistake the microplastic as food and this begins a cycle of contamination. Microplastic has been found in 73% of the deep-water fishes and shellfish in the North Atlantic Ocean. The United States Environmental Protection Agency (EPA) estimates that there are nearly three billion used **tires** in thousands of dumps around the country, with the volume growing at 320 million tires per year. Given the abundance of U.S. **coal** reserves, it is reasonable to assume that coal-derived fuels could play an increased role in meeting future global energy needs.

ColdFall's experience in the environmental field has lead to the research & development of our second product.

Coldfall is dedicated to process Hemp to produce and sell premium CBD concentrate to the exploding CBD industry. Coldfall works exclusively with hemp cultivation companies to process the crude oil and refine it into a highly purified concentrate utilizing a revolutionary new process that releases the intercellular contents of the entire hemp plant to create a uniquely pure biological extract. The process is a transmute method of extracting only the natural plant essential oils with absolutely no pesticides, heavy metals or any solvent residue. The method is highly efficient with a high yield and uses very little energy to accomplish its purpose.

- **YEAR FOUNDED:**
2012
- **PRODUCTS:**
 - **Transmute Technology**
 - **CBD concentrate**
- **FUNDING REQUIRED:**
 - Soft Cap : \$10 Million
 - Hard Cap : \$98 Million
- **FUND USES:**
 - Technology & Equipment
 - Operating, Working Capital

PROBLEM

TRANSMUTE TECHNOLOGY PRODUCT SPECIFIC



An estimated **8.3 Billion** Metric Tons of plastic items have been manufactured since the beginning of plastic production six decades ago.



In the year 2010, human history witnessed over **1 Billion** automobiles operated worldwide and they are projected to exceed **2 Billion** by 2035, accounting for **3 Billion** tires disposed of annually.



The main technologies for liquid fuel production from coal (also referred to as coal to liquid or CTL) are indirect and direct liquefaction.

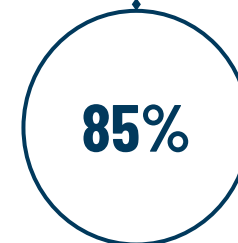
SOLUTION

TRANSMUTE TECHNOLOGY PRODUCT SPECIFIC

Most recycling technologies fall short in three areas:

1. First, they require more energy than recovered, obviously not sustainable for continued operation.
2. Second, they require that the material being processed be acquired at no cost, or are reliant upon subsidies for processing.
3. Third, they require substantial pollution control equipment to meet emissions regulations.

At 85% efficiency, the **Transmutation Process** requires only a fraction of the energy of competing technologies and, therefore, able to produce far more energy than is required in processing. In addition, the emission profile has been determined to be negligible, and does not require expensive gas scrubbing pollution equipment or EPA permits. Because the Transmutation process converts shredded tires into four by-products, each of which can be sold for substantial value, said process does not rely on subsidies or free scrap materials to be profitable.



Efficiency of Transmutation Process

HOW IT WORKS

TRANSMUTE TECHNOLOGY PRODUCT SPECIFIC

Following a seven-year development program, ColdFall has developed the following five proprietary microwave technologies for the industrial market:

1

Microwave Destruction Scrap Tires and Plastics (HDPE) (LDPE)

This product pertains primarily to a microwave-based system, designed specifically for an efficient conversion of scrap tires and plastics to syngas and diesel equivalent fuels. This microwave-based system has been optimized for destruction of all types of shredded rubber and plastic products.

2

Microwave-based Reduction of Organic Compounds

This product pertains primarily to a system, which results in the molecular breakdown of organic compounds to carbon and their constituents, primarily in a gaseous state, while recovering gas and liquid fuels, using high power density microwave energy only. This is a non-pyrolysis process, in that no external source of heat is required.

3

Microwave-based/Gas -assisted Dryer

This product pertains primarily to a system for drying and/or pathogen reduction, as well as a product effective for molecular breakdown of organic compounds. When this system is used for molecular breakdown of organic compounds, it operates similarly to a conventional pyrolysis process.

4

Microwave-based Fuel Vaporization System

This product pertains primarily to the preheating and vaporization of liquid fuels to improve fuel vaporization characteristics, increase combustion efficiency, and reduce soot in the combustion chamber(s) of internal combustion engines, gas turbines and industrial boilers.

5

Microwave-based Roadbed Dryer

The product pertains primarily to a system configured in a mobile configuration used for drying roadbeds, drying and sterilizing agricultural fields after harvest, thereby reducing requirements for insecticides and pesticides, repairing asphalt surfaces, and spalling concrete in preparation for destruction and removal.

TRANSMUTE COIN

Individuals will be able to bring plastics to our collection centers in exchange for Transmute Coin based upon a floating formula of weight -to- dollar ratio. Our goal is to establish collection sites worldwide.

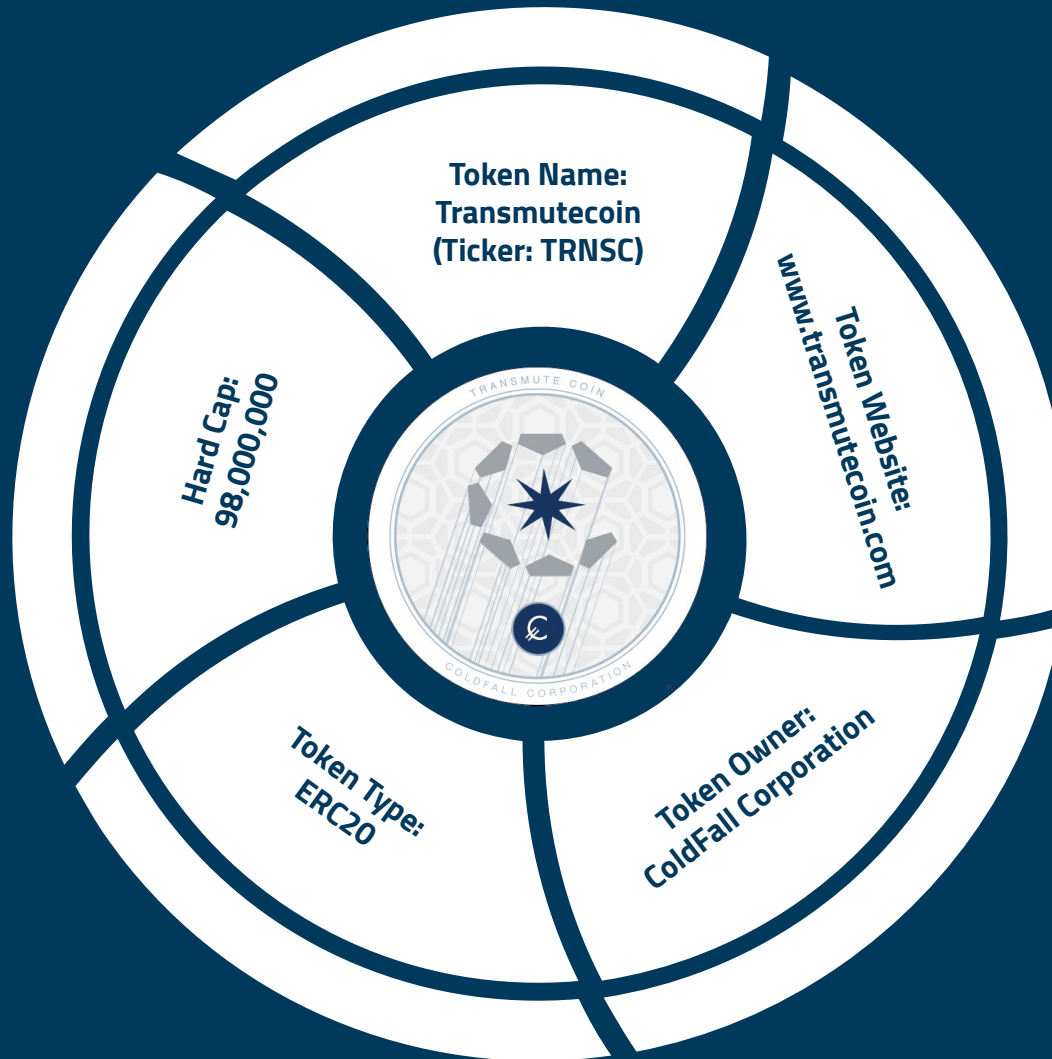
Though the creation of environmentally responsive green electrical generation, ColdFall will acquire within the upcoming three years of operation and operate an electric reseller to provide green electricity to its subscribers. The use of Transmute Coin, Bitcoin, Ethereum, Litecoin, XRP, or other approved crypto-currencies and conventional funds, will allow the subscriber to pay for its green energy usage.

ColdFall will allow for transactions between our retail customers in the event that a customer may need assistance with their utility bill they can execute a peer to peer Transmute Coin transfer to the party in need, which will allow for green energy to be competitive with conventional electric costs and transactions.

In the instance of U.S. development, any electrical generation in excess of the subscription needs will be sold back to the national electrical grid as green energy production. A similar manner of handling excess electrical generation is assumed in other parts of the world. But specifics will be refined prior to deployment of an asset in another part of the world.



TRANSMUTE COIN





COLD FALL
CORPORATION



CBD CONCENTRATE

CBD PRODUCT SPECIFIC



Coldfall's CBD formulation will be made from the whole plant. Whole plant CBD extracts contain compounds, including CBD, CBD-A, CBC, and CBG..

Our process is a certified solvent free process with the result of a comprehensive cannabinoid and terpene profile to provide an all natural, full spectrum cbd oil and all of its natural benefits. Company intends to start its business from our initial plant in eastern Pennsylvania, establishing grower participating cooperatives, to supply year-round production and guarantee steady income for farmers and growers during the non-growing seasons.

MISSION

CBD PRODUCT SPECIFIC

GOALS

- ✓ To exceed new industrial hemp rules to produce hemp-derived CBD oil.
- ✓ To build a recognizable brand in a rapidly growing CBD industry.
- ✓ To be fully compliant with all state and local municipalities.

MISSION

- ✓ To efficiently produce the highest-grade CBD oil with the least amount of any contaminants.

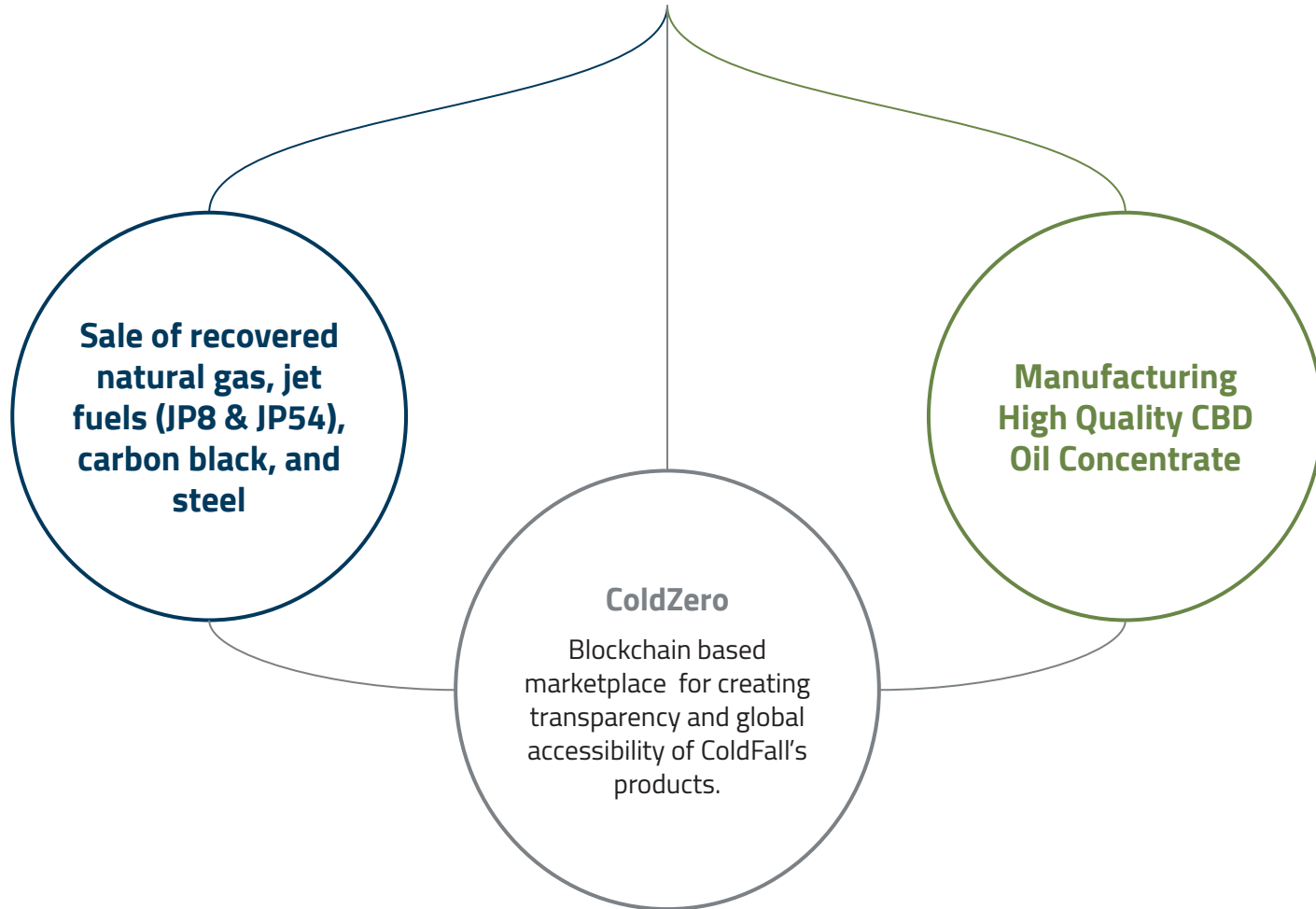
OBJECTIVES

- ✓ Getting a license and permits.
- ✓ Own and operate 15,000-sq. ft. extraction lab in western Pennsylvania.
- ✓ install Plant Equipment and generating Net Profit within the first 6 months.
- ✓ Expand to additional plant locations within the first year.

BUSINESS MODEL



COLD FALL
CORPORATION



COMPETITION

TRANSMUTE TECHNOLOGY PRODUCT SPECIFIC

	FOUNDED	TECH.	COMPETITIVE ANALYSIS
FWD Energy Inc	2013	Industrial-scale, high volume microwave processing, energy efficient and environmentally attractive with minimal air emissions and zero landfilling Outputs: synthetic gas, synthetic crude oil, reclaimed carbon black	FWD:Energy is a US company utilizing older licensed patents which limit their ability to supersede and advance the patent. They are limited in their project financing ability which also hinders their growth. Basically, they are still relying on the limited and faulty original design and layout. We have advanced this process design with new patents improving the limitations of the original patent to increase throughput and capacity.
Molecetra	2000	The Molecetra process is a flexible technology with the ability to switch between production streams to satisfy market demands. The finely ground rubber is used across many industries, and a dedicated amount of rubber can be processed in the Technology Description MolecetraVac (vacuum microwave) unit to extract the oils and high-quality carbon. Unlike other tire recycling methods, the Molecetra technology completely eliminates pollution and disposal problems, as well as lower costs. Specifically, the process recovers hydrocarbon gas and oil.	MOLECTRA is a company from Australia that produces many products from finely ground rubber they obtain from cleaned waste tires mainly from mining operators. Their Microwave process attempts to operate under a vacuum to prevent combustion and decompose the tire crumb. It is limited to "batch" processing of tires. Our process is a continuous system where tires are constantly fed yielding a far greater number of processed tires.

COMPETITION

CBD PRODUCT SPECIFIC

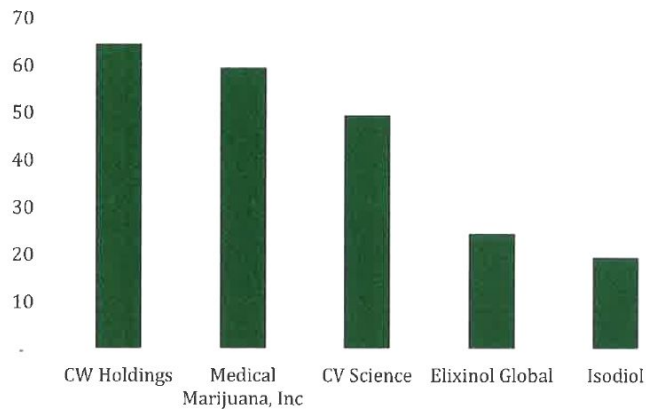


Figure 10. Hemp-derived CBD leaders, sales 2018 \$ million

Competition In every business there is competition, however, we believe we possess several strengths that will allow us to remain visible on ColdFall radar at all times. CBD industry is known to be highly competitive in the most parts of the world.

In this Industry, most of the competitive dynamics center around the quality of plants cultivated and infused products produced, the services offered, the location where the cultivation and extraction will be done. The branding of ColdFall plays a significant role.

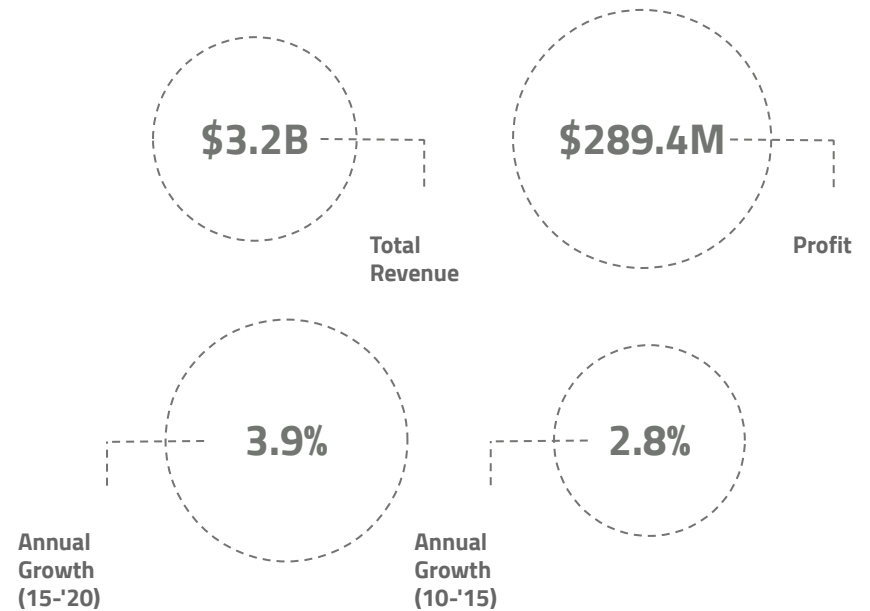
We believe the quality of the product and production without using solvents or other older processing methods will give us a unique market advantage. Based on market reaction to the ability to have full spectrum CBD without any of the current issues, we are assured of our market advantage.

MARKET OPPORTUNITY

TRANSMUTE TECHNOLOGY PRODUCT SPECIFIC

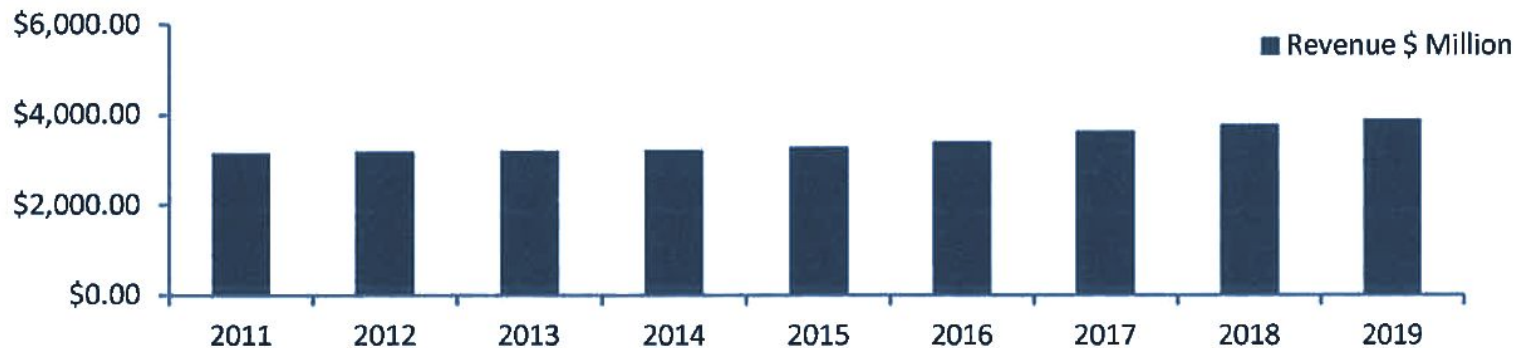
ColdFall is classified within the Waste-to-Energy Plant Operations Industry, which includes companies that own and operate waste-to-energy plants.

Waste-to-energy (WtE) is an umbrella term for a variety of processes that are used to create energy out of waste. While the vast majority of industry establishments are waste incinerators, this industry also includes gasification plants, pyrolysis plants and alternative waste-to-energy facilities.



Waste-to-Energy Plant Operations In the U.S. Industry

Figure 2: Waste-to-Energy Plant Operations in the U.S. - Historical & Future Estimate



MARKET OPPORTUNITY

CBD PRODUCT SPECIFIC

These days, at least 47 countries cultivate hemp for commercial or research purposes. The largest producers of hemp are currently China, USA, Canada, Chile and France.

Hemp acreage in North America and the European Union countries reached record levels in 2018, nearly 160,000 acres and about 100,000 acres respectively, which could put global acreage at more than 400,000 acres.

The EU has an active 100,000-acre hemp market, with production in most member nations. Production is centered in France, the Netherlands, Lithuania, and Romania. Many EU countries lifted their bans on hemp production in the 1990s and, until recently, also subsidized the production of "flax and hemp" under the EU's Common Agricultural Policy. Most EU production is of hurds, seeds, fibers, and pharmaceuticals. China is another major producer, mostly of hemp textiles and related products, as well as a major supplier to the United States.

In 2017, China's hemp was grown on about 114,000 acres. FAO data also report hemp production in Chile, China, Iran, Japan, South and North Korea, Pakistan, Russia, Syria, and Turkey. Other countries with active hemp grower and/or consumer markets are New Zealand, India, Egypt, South Africa, Thailand, Malawi, and Uruguay.

According to a new report "Global State of Hemp: 2019 Industry Outlook" from New Frontier Data, the global hemp industry reached **537 Million in 2018**. A "Global Forecast to 2025" report projects the global industrial hemp market to grow at a compound annual growth rate of 34% from **\$4.6 billion in 2019** to **\$26.6 billion by 2025**;

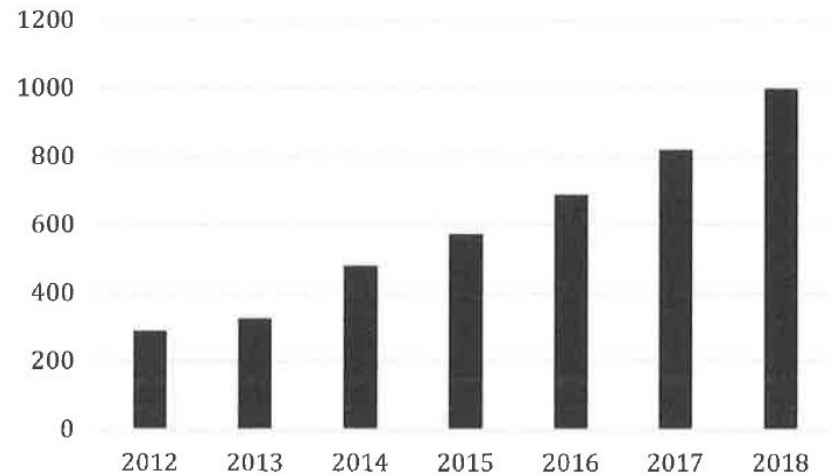
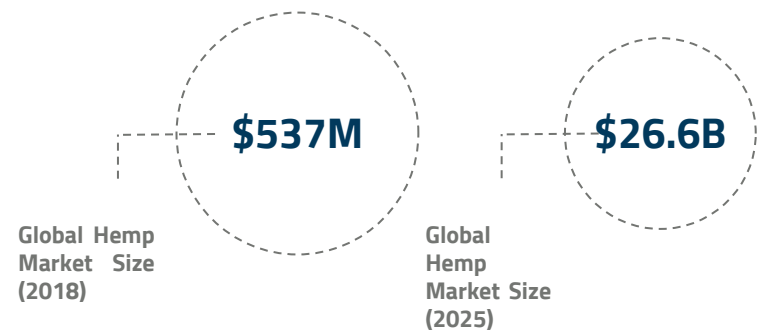


Figure 5. U.S. hemp-based products sales, \$ million



PROJECTIONS & ROI

The potential return on investment for ColdFall is substantial. The breakdown of the economics for each 14,400 coal tons and 1,440,000 discarded Tires processed annually can be seen below.

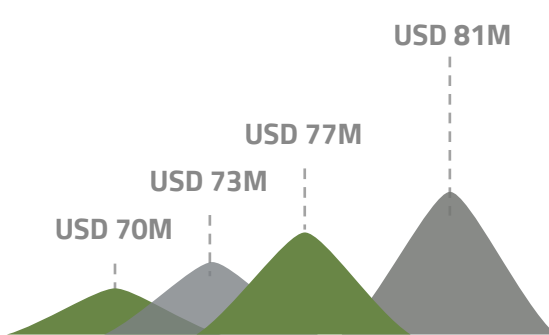
Economics (For Each 14,400 Coal Tons and 1,440,000 Tires Processed)

Annual Revenue (In Millions)

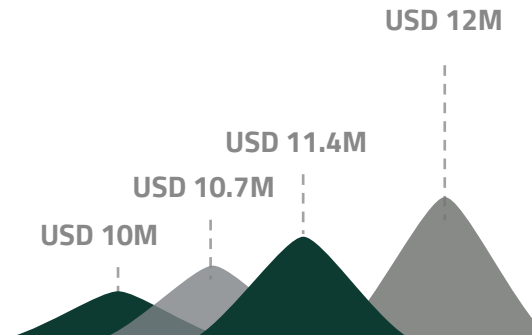
Carbon Black processed from Tires (\$0.75/1b.)	\$90.5
Activated Carbon processed from Tires (\$2.50/1b.)	\$12
Diesel 43 produced from processed Tires (\$2/Gal.)	\$18
Carbon Steel recovered from processing tires (\$.07/1b.)	\$24
Sale of Electricity	\$0.5
	\$30

Annual Costs

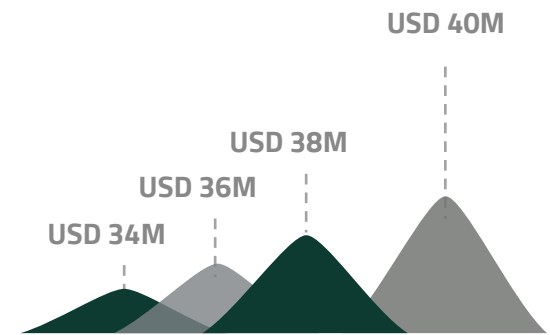
SG&A	\$20
Fuel Costs	\$6
O&M Power Plant Costs	\$3
O&M Feedstock Plant Costs	\$5
Transport, Packaging, and Other Logistics Costs	\$4
	\$2
Annual Net Operating Margin Range	\$70.5



OUR ANNUAL REVENUE PROJECTIONS
(GROSS PROFIT)
(CBD CONCENTRATE)



OUR ANNUAL REVENUE PROJECTIONS
(GROSS PROFIT)
TRANSMUTE PRODUCTS
[1 PRODUCTION LINE ONLY]



OUR ANNUAL REVENUE PROJECTIONS
(GROSS PROFIT)
TRANSMUTE PRODUCTS
[3 PRODUCTION LINES]

TEAM

Sam L. Little *CEO*

An entrepreneur with over 30 years of experience, Sam has successfully guided five companies from the stage of ideation to profitability. With the ability to analyze the business, market and product, Sam came up with the right approach at the right time to meet customers' needs in order to yield positive results. Product Management, Product Development, Operation, Sales, Marketing, and Personnel Management are his areas of expertise. Sam has always thrived while making the companies achieve their long-term goals and taking them to success. Sam believes in the socio-ethical-ecological responsibility every company should have for the employees, the technology and the environment.

Lynnette Brown *CFO*

Lynn comes with over 12 years of experience in Accounting Management, Financial Analysis and Budgeting. With her prolonged experience, Lynn will have the resource-flexibility to complete the continuity needs of the business. Lynn has been associated with multiple international corporations and has the technical know-how in terms of compliance and reporting guidelines. Lynn will prove to be COLD FALL's asset while she brings proven methodologies in terms of Tax Returns, Audit and Reporting to save the company's working capital.

Ray Horn *COO*

Ray is a strategic entrepreneurial thinker who leads, manages, and develops processes to radically improve business dynamics, leading to its success. He comes with profound sales & operations experience which is beneficial to the management. His previous stint was with Internet America, where he played the role of Executive Vice President and Chief Operations Officer. Ray will be involved with ColdFall to execute the aggressive business plans of expansion.

Derrick D. Jones *VP Corp. Assets*

Derrick has a long & successful career as a CEO, CFO, Consultant and Investment Advisor. He has played a crucial role in the research, planning, implementing and executing business venture investments totaling more than \$100 Million in the past 15 years. Derrick will assist ColdFall to establish management procedures of acquisition and asset portfolio to minimize reporting issues.

TEAM



Rex Little *VP Operations*

He comes with over 30 years of experience in Plant Design, Automation, Maintenance and Repair Services. He has been trained on every major motor and drive controller with the unique ability to diagnose power, communication, and physical issues by using a simple blueprint. Given his expertise in a multitude of things, he has been chosen by ColdFall to establish Maintenance & Repair, while coming up with preemptive solutions to mitigate downtime failures.

Andre Bustamante VP *HR Political Liaison*

Andre brings Over 40 years' experience in government and the private business sector. With an accounting background and extensive human resource experience in private and public settings his expertise is In management and financial systems. His ability to reach different levels of government and international experience allow for coalition and consensus building, perfect to help ColdFall grow into an international powerhouse.

Heidi A. Cool *Dir. of IT and Web Development*

Heidi is a front-end developer with a background in marketing and publishing. Additionally, she works with certain backend technologies such as VPS, PHP and MySQL databases. Heidi has over 25 years experience in Web development and has been using the Internet since before the World Wide Web was launched. She has developed Websites, Internet strategies and social media plans for small and large organizations within the U.S. and has collaborated with designers and developers within the U.S. and internationally.

Sandra Salim Morales *Corporate Secretary*

With over 25 years of experience as a Legal Assistant and Paralegal, she has worked for Personal Injury, Domestic Relations, Criminal Defense/ Prosecution, Probate, Workers' Compensation, Bankruptcy, Corporate Law, Estates and Administration, Real Estate, Construction and Employment Law. Sandra has vast experience in preparing documents and pleadings required for Federal, District and County courts in multiple states. She has also worked as a licensed Mortgage Broker-Loan Officer processing mortgages, home equity lines of credit and refinancing a variety of commercial and personal Proprietary. Sandra is also experienced in documenting Board Meeting attendance, prepare minutes, resolutions and various corporate documents.

CONTACT US



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CORPORATION

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