StewardTech Turbine

Presentation Contains StewardTech Proprietary Information

INTRODUCTION

We the People need a true revolution in transportation and power systems now more than ever before. Our desperation for an Energy Revolution is due to:

- Rising fuel costs
- Increasing fuel economy requirements
- Demand for greener more efficient transportation systems
- An aging and already overworked power grid

At StewardTech LLC, we have the revolutionary product that will completely remake both Transportation and Energy Production for the benefit of all mankind.

Overview

- ★ Innovation In Turbine Technology
- ★ Patented in March 2020
- ★ Plan to License Technology at 3% Royalty
- ★ Global market from Car Manufacturers to Energy Companies
- ★ Seeking $5,000,000 in Seed/Round-A funds to create prototypes for multiple markets and expand team

Why You Should Invest in The StewardTech Turbine

Opportunity Summary

Total Investment Sought:	US$5,000,000
Shares Offered:	250,000
Equity Represented:	10%
Terms:	Convertible Note/Equity
Minimum Investment:	US$50,000
Primary Product:	Turbine Engine
Primary Industries:	Transportation, Energy
Revenue Model:	Licensing for Royalty

StewardTech

Financial Incentives

- ✓ Chance to become a major stakeholder in a US$8T industry
- ✓ Minimum expected return in 5 years: 50% (requires only 1 major contract)
- ✓ Real possibility for 10:1 return
- ✓ Much lower investment than in most Transportation/Energy Startups
- ✓ Phenomenal breadth of applications where the turbine is not just a match but also a better fit than the engine currently serving the purpose
  - ✓ Examples: Boats, planes, automobiles, trucks, motorcycles, power plants, ships, construction equipment, military vehicles, drones
- ✓ An investment in patented, tested technology
- ✓ Licensing the technology allows for a quicker adoption path and road to profitability than manufacturing and selling turbines
- ✓ Emissions and fuel economy standards are putting an end to the ICE's viability as a Transportation solution, with no truly viable alternative at the ready (power grid cannot sustain current demand)
- ✓ Makes it possible to expand power plant capacity without increasing size
- ✓ Cheaper to build, maintain and service than ICE
- ✓ Higher energy density than most turbines
- ✓ Easier and cheaper to build than most turbine engines
- ✓ Fewer moving parts means lower costs for everyone

Other Incentives

- ✓ The chance to make a major impact in fossil fuel consumption and CO_2 emissions in the here and now, not some pie-in-the-sky maybe future.
- ✓ Highly flexible fuel options (including clean burning hydrogen) means energy flexibility and independence from foreign sources
- ✓ The higher efficiency of our turbine engine means less emissions and lower costs on every product in the supply chain
- ✓ Forge a legacy of higher efficiency, lower emissions and a greener future for EVERYONE, not just the 1st World
- ✓ Our wind turbines are more scalable AND recyclable than the current state of the art
- ✓ Reduces or eliminates the need for wind turbine graveyards
- ✓ Our turbines are made of one of the most highly recyclable and recycled substances on the planet.
- ✓ Our turbine can also be used in hydroelectric, geothermal, nuclear and tidal power systems.
- ✓ It is a long-cycle, recursive extraction turbine, which means higher efficiency in a smaller space
- ✓ It's not just more efficient than other turbines; it's quieter, too
- ✓ Makes it possible to scale wind turbines down for use by homeowners, reducing grid usage and strain and increasing clean power production

Our Company

Small Startup with a Huge Vision

Our drive has always been to make the very best use of the resources available. We intend to benefit all of humanity with our products.

Greener by Efficiency, Not Pipe Dreams

We intend to make things better in the Here and Now, and not in some indefinite, distant future. Your Investment WILL bear fruit!

OUR TEAM


Shawn Gordon
CEO of StewardTech LLC
Carl Kemp
Senior Designer and Inventor of The StewardTech Turbine
Tasya Fernandez
Engineer, QA, Administration

PROBLEMS

Transportation

- Piston Engines Are Inefficient
- Piston Engines Are Dirty
- Piston Engines Are Expen$ive!!!
  - Expensive to Produce
  - Expensive to Maintain
  - Expensive to Run
- Gas Prices Are High And Getting Higher!
- CAFE and Emissions Regulations Will Soon Demand More Than Piston Engines Can Deliver

Energy Production

- The Power Grid Is Aging And Failing
  - Blackouts and Brownouts Becoming More Common
- In Many Places, There Is No Room To Expand Current Plants or Production
  - Current Turbines Are Huge, and Expensive to Maintain and Run
- The Green Promise Over-Promised And Under-Delivered
- We Need Improved Energy Density and Efficiency NOW
- We Need Advancements In Wind and Tidal Turbines, Too

SOLUTION

Our solution is the patented StewardTech turbine, an easy-to-produce compact turbine engine unlike any other. This turbine represents a giant leap forward in transportation, while simultaneously being a higher energy density solution than current power plant turbines. It can even be used effectively in wind- and tidal turbines.

See a demonstration of a 3D Printed Version (in PLA) at:

https://youtu.be/GkYxBZot7zU

COMPETITIVE ADVANTAGE

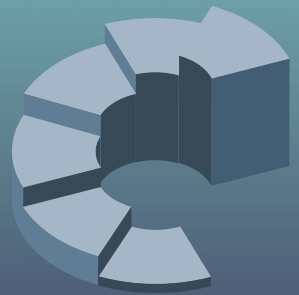
- More compact, efficient and cleaner than the piston engine it replaces
- Long Cycle Turbine – Permits longer, more complete burn – Higher efficiency, less waste
- The design of the turbine keeps the working fluid (air, water or steam) in the turbine until the maximum energy extraction has taken place
- Automatically directs lowest energy fluid to the exhaust, keeping higher energy fluid working.
- Fewer moving parts means higher durability
- No abrupt start and stop points in its power cycle means longer service life.
- Can run on virtually any combustible material, from coal dust to avgas.
- Can be scaled to almost any transportation application from mini-bikes to ships and planes
- When used in power generation, provides a more compact, energy-dense solution than most turbines
- Cheaper to produce, cheaper to maintain.
- Uniquely recursive turbine design drawing energy multiple times from working fluid.
- Can also be used in alternative energy solutions (i.e. wind and tidal generators).

MARKET SIZE

For Automotive And Motorcycle Applications Only

According to Marklines.com, the US light truck and automobile sales for 2018 amounted to 17,274,250 units and the average cost per engine was $3,000.
* We are estimating the cost to produce the StewardTech turbine for cars or light trucks will be $1,000. Assuming the standard 3% royalty per unit, if we can achieve a mere 1% market penetration the first year, that equates to nearly $5.2M in the US Car and Light Truck sector alone. Given the advantages of our turbine, we believe this is highly achievable, and we see the entire $518M value of this sector as eventually within reach.
Similar results are available in the US and Worldwide, both in the automotive and motorcycle sectors, as indicated in the chart below:

Vehicle Engine Type	Number of Units Sold	Average Cost Per Engine	Est. StewardTech Turbine Cost Each	3% Annual Royalties w/ 1% Market Penetration
Cars & Light Trucks - Worldwide	86,010,000	$3,000.00	$1,000.00	$25,803,000.00
Motorcycles - Worldwide	132,400,000	$300.00	$200.00	$7,944,000.00
			Royalties Worldwide:	**$33,747,000.00**



Vehicle Engine Type	Number of Units Sold	Average Cost Per Engine	Est. StewardTech Turbine Cost Each	3% Annual Royalties w/ 1% Market Penetration
Cars & Light Trucks - US Only	17,274,250	$3,000.00	$1,000.00	$5,182,275.00
Motorcycles - US Only	472,000	$300.00	$200.00	$28,320.00
			Royalties US Only:	**$5,210,595.00**

INITIAL TARGET MARKETS

- ✓ Vehicle Manufacturers of Piston Engines of All Sizes
- ✓ Vehicle Original Equipment Manufacturers (OEMs)
- ✓ Aftermarket Engine and Equipment Buyers
- ✓ Power Grid Consumers
- ✓ Power Generation Facilities

BUSINESS MODEL

Licensing vs Manufacturing

We plan on licensing out the technology of the StewardTech turbine as much as possible, which provides a quicker adoption path than manufacturing it ourselves, and puts the technology into more hands more quickly, accelerating short term profitability. In fact, getting the product into more hands quickly is the surest method for combatting the ‘Not Invented Here’ syndrome that is so prevalent in the automotive sector.

SWOT ANALYSIS

STRENGTHS

- Cheap to produce
- Durable
- Efficient
- Cleaner Burning
- Scalable power
- Compact
- High Energy Density
- Limitless Variety of Applications
- Capable of Dominating Multiple Markets

WEAKNESSES

- New Technology: adoption may be slow at first
- Relatively Untested, Risk Involved
- Possible liability
- Need capital to build and test prototypes

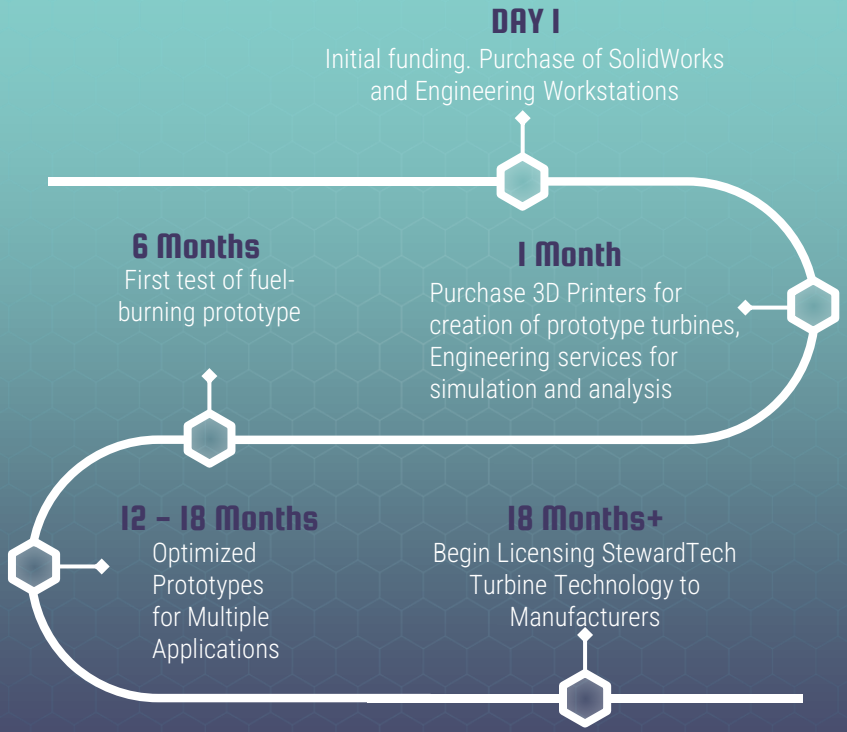
OPPORTUNITIES

- The need for high efficiency engines has never been greater
- Could solve a lot of auto makers' CAFE worries
- Cleaner, more efficient answer for Energy Production AND Transportation

THREATS

- The Not Invented Here syndrome
- Possible competition in lower power segments from electrical motors

TIMING


DAY 1
Initial funding. Purchase of SolidWorks and Engineering Workstations
1 Month
Purchase 3D Printers for creation of prototype turbines, Engineering services for simulation and analysis
6 Months
First test of fuel-burning prototype
12 – 18 Months
Optimized Prototypes for Multiple Applications
18 Months+
Begin Licensing StewardTech Turbine Technology to Manufacturers

INVESTMENT

StewardTech LLC 2.5 Year Budget Summary		
Cost Category	Goal	Cost
Personnel		$1,566,500.00
Facilities		$167,250.00
Hardware and Software		$366,670.00
Services and Consulting		$536,886.00
Materials		$25,840.20
Marketing		$169,000.00
Other		$71,000.00
Total		$2,903,146.20
Phase 1 Budget (6 months)	Create Prototypes	$819,444.60
Phase 2 Budget (2 years)	Ramp Up To Production	$2,083,701.60

CONTACT

Does anyone have any questions?

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THANKS