



## Magneto Fusion Energy Technologies, Inc.

### STAGED INVESTMENT OPPORTUNITY IN CLEAN FUSION ENERGY

COMPLETED SEED ROUNDS - >\$10 MILLION

A ROUND - \$10 MILLION - Current

B ROUND - \$70 MILLION

C ROUND - \$200 MILLION

#### *Harnessing Fusion Energy Is One of the Greatest Pursuits of Mankind*

*The world's most advanced computer predictive codes used by government, military and national science labs, MACH2, Flash, Hydra and Chicago, all predicted MIFTI'S recent unrivaled fusion results and now predict MIFTI will achieve world-changing results in the next few months at a leading U.S. defense contractor.*

*MIFTI will be announcing results validated by Lawrence Livermore Labs this October in Denver at the American Physical Society Plasma Physics and December in Washington, DC at the Fusion Power Associates 44<sup>th</sup> Annual Conference.*

*MIFTI is leading the fusion race and is positioning to dominate commercialization of fusion energy.*

As the demand for more global energy and for non-fossil fuel energy continues to accelerate, investors are pouring billions into fusion energy.

Fusion is the most powerful form of energy in our universe. It runs on low-cost isotope of hydrogen that comes from ordinary seawater and one gallon of seawater can provide the same amount of energy as 300 gallons of gasoline.

Thermonuclear fusion may be the greatest investment frontier of all but is the least understood. Especially by us investors who are not technically skilled in advanced physics.

Scientific equations and complex calculations describing fusion events and predictions can be very intimidating and discouraging to us novices but the basic process of fusion itself is actually very simple.

#### **How can you determine which company has the greatest chance for success?**

There is one and only one thing we need to know that tells us for certain if a fusion technology works or does not work, and that is . . . how many neutrons does a specific fusion technology repeatedly and predictably produce? Successful fusion for energy purposes is only about

neutrons. Leave all the complexities of temperatures, pressures, stability, and containment to the scientists who understand the inner workings. Investors need only to understand if a technology works or does not work. Does it produce enough energy or doesn't it? It all comes down to neutrons! Very simply, the neutrons are there, or they are not there! Every company should be evaluated on the number of neutrons that they can repeatedly produce.

### **Why MIFTI is the leader in fusion energy**

For over 10 years, MIFTI has been quietly developing its breakthrough Staged Z Pinch Fusion Generator. MIFTI has avoided a high-profile web site and press releases for the obvious reasons of security and secrecy. Now that they are leading the pack and approaching the finish line, the company is preparing to begin its first promotional campaigns with verifiable and hard factual data firmly in hand.

***Magneto-Inertial Fusion Technology Inc.***  
***Tustin, CA, 92780***

### **Collaborators**

**Caltech**

California Institute  
of Technology



University of California  
San Diego



University of Nevada  
Reno



Cornell University  
Ithaca NY



Lawrence Livermore  
National Lab



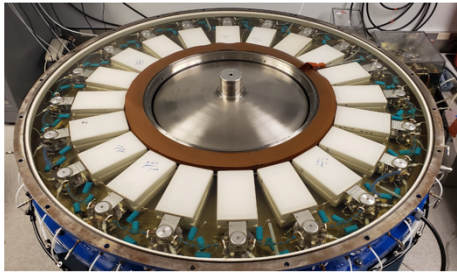
Lab for Laser Energetics  
University of Rochester

Over several years, MIFTI has repeatedly proven their concept starting on small machines and methodically progressing to larger and more powerful machines. No competitor can match or even come close to MIFTI'S unrivaled orders of magnitude greater neutron results. **In short, MIFTI is dramatically outperforming all the competition with verifiable neutron results.** Upon the next round of testing in just a few months on a larger 4 million ampere machine at a major U.S. defense Contractor, MIFTI expects to become recognized as the global leader in fusion energy.

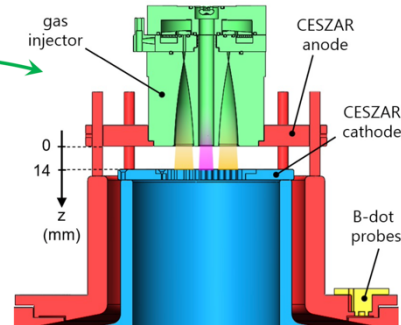
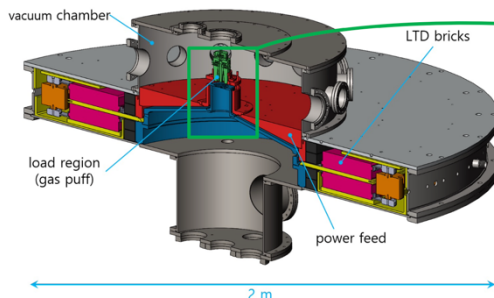
The world's most advanced computer codes have consistently and accurately predicted outcomes for MIFTI's fusion trials and are again predicting scientific "Break-Even" or higher for the next trials scheduled this September.

Results will be unveiled beginning later this year at leading fusion energy conferences heavily attended by fusion developers, interested government agencies and some key institutional investors. MIFTI will be presenting the new trial results to an audience that is sure to spread the word of their success rapidly.

## Staged Z-pinch Experiments with CESZAR LTD Generator



- CESZAR is a compact machine at UC San Diego, based on new Linear Transformer Driver (LTD) generator technology.
- 4 kJ stored energy, 0.5 mega-ampere current, 200 ns rise time
- Experiments using various liner gases (Ne, Ar, Kr) on deuterium target



### The company that can generate trillions of neutrons will win the holy grail of energy

For the purpose of creating energy, fusion is only about producing vast numbers of neutrons, (a successful fusion reaction requires a minimum of billions or trillions) harnessing them, and delivering them to heat water to spin turbines to produce electricity or used for many other applications. Neutrons are the only essential element from a fusion reaction that create energy. See "Voodoo Fusion" by Daniel Jassby, a recognized fusion expert from Princeton. In his report, Jassby cites the importance of neutrons as the sole measurement of a successful fusion reaction. Insufficient neutrons equals "no fusion". Unfortunately, Jassby points out that **ALL FUSION COMPANIES FAILED MISERABLY!** When he wrote his paper, he did not know about MIFTI that has been operating in stealth mode under the radar!

### Neutron comps

ZAP Energy claims to produce 10,000,000 neutrons per pulse. First Light Fusion claims to produce 15,000 neutrons per pulse. Helion has claimed 1,000,000,000 neutrons per pulse but has offered no proof. TAE, the world's largest fusion company with over a billion dollars invested to date cannot claim any neutrons . . . as in zero!

MIFTI is the only known company that has been able to create a repeatable, stable, fusion event that has generated ten billion neutrons from each fusion reaction on a 1 Mega Ampere machine. MIFTI has recently run trials on a larger 4 Mega Ampere machine that is designed and predicted to achieve one trillion neutrons per pulse.

With adequate funding, MIFTI plans on building their own 10 and 20 million ampere machines that will be powerful enough to provide historic amounts of clean energy in just a few years and with a budget that is only a small fraction of any of the competition. The 10 Mega Ampere machine is designed to generate one thousand trillion neutrons per pulse and the 20 Mega

Ampere machine is designed to generate one million trillion neutrons per pulse which is capable of creating unimaginable amounts of low-cost, clean energy for our planet.

The company projects 2 years to build commercial units of the 10 Mega Ampere generator and 5 years to build the 20 Mega Ampere generator. The timeline can be accelerated by increasing the budget to provide for up to 24/7/365 work and larger staff and crews if so desired to build the first machines.

### **MIFTI can achieve positive cash flow early**

The first 10 Mega Ampere machine is expected to produce large quantities of high-grade radioisotopes that should provide large revenues with the potential to fund the building of the larger 20 Mega Ampere machine for use in electricity generating power plants which could reduce later growth funding requirements.

MIFTI is a private company that is funded by over \$10 million by investors and government grants such as a \$5 million plus ARPA-E grant a few years ago.

### **Some known applications for MIFTI Fusion Reactors:**

Abundant, low-cost energy

Abundant, low-cost, high-quality, radioisotope for medical and industrial applications

Next generation rocket propulsion for almost light speed space travel

Radiation of gems to reduce or eliminate occlusions thereby greatly enhancing values

Transmutation to neutralize hazardous nuclear spent fuel rods

Creation of advanced materials

### **Dr. Rahman, MIFTI President and Chief Scientific Officer and Inventor**

Dr. Rahman worked with renowned Physics Professor Norman Rostoker at University of California Irvine who was also the main founder of Tri-Alpha energy concept, which they worked together. Dr. Rahman also served with Dr. Edward Teller, the father of the Hydrogen Bomb on the steering committee for the alternate fusion concepts.

Dr. Rahman was invited by NASA to present his fusion technology that could advance space travel with fusion systems capable of almost light speeds. NASA prepared an 800-page report on advanced propulsion systems which included Dr. Rahman's technology and submitted it to Congress.

Dr. Rahman is recognized as a leader in fusion energy and has dedicated his life's work to bringing fusion energy to the world.

For their due diligence, all potential investors in fusion energy companies are encouraged to ask the following questions:

### **What is thermonuclear fusion?**

- Thermonuclear fusion occurs when two atoms of hydrogen are fused together by extreme heat and pressure, giving off powerful energy in the form of neutrons that can be harvested and used for numerous applications.
- Fusion is the most powerful energy known. Fusion powers our sun and the stars. The Hydrogen Bomb is an example of unharnessed thermonuclear fusion energy.
- MIFTI's fusion energy process is fueled by a hydrogen isotope from ordinary seawater, wherein one gallon of seawater can produce the same amount of energy as 300 gallons of gasoline.
- Unlike fission reactors, there is no hazardous, long-term radioactive waste and no danger of runaway meltdown.
- MIFTI's thermonuclear fusion costs substantially less than thermonuclear fission reactors.

### **Who are the current leaders in Fusion Energy?**

- MIFTI
- TAE (Tri-Alpha Energy)
- Commonwealth Fusion
- Helion
- Zap Energy
- First Light Fusion
- General Fusion

### **Largest Fusion company TAE was co-founded by MIFTI principals**

It should be noted that TAE is the largest fusion company in the world and has received investments more than \$2 billion. Jerry Simmons, MIFTI CEO and Dr. Hafiz Rahman, MIFTI President and Chief Scientific Officer, were co-founders of TAE, but later left TAE to form MIFTI to pursue their Z-Pinch technology that they were confident would work. Dr. Rahman was firmly convinced that TAE's technology would not work and that his new technology would work. That was in the late 1990's. Almost 20 years later, actual results have proven Dr. Rahman correct. He and Jerry Simmons made the right decision and are now leading the most advanced fusion technology company in the world that is within very close striking distance of global recognition.

### **MIFTI short term plans**

MIFTI recently concluded the first round of their fusion technology trials on a major U.S. Defense Contractor 4 Mega Ampere machine, and the results were again successful. MIFTI uses U.S. government (security clearance required) computer predictive codes: MACH2 (US Air Force), Flash (University of Rochester, NY), and Hydra (Lawrence Livermore National Laboratory). Results were the same as predicted by all codes. These same codes predict world-changing results in the next trial round in September this year.

For more information contact Richard Cavalli 303-956-1777 – [RICHARDACAVALLI@GMAIL.COM](mailto:RICHARDACAVALLI@GMAIL.COM)  
Or Howard Isaacs 562-987-4939 – [HISAACS@EARTHLINK.NET](mailto:HISAACS@EARTHLINK.NET)