

Seeking an Investor to Finance a Green Nuclear Energy Project



My research and its results: I am a physicist and electrical engineer and also dedicated researcher in the fields of Solar and Astrophysics (for further information about me and my career, please see the links starting on page 2). In the past 16 years my research has revealed that controlled thermonuclear fusion will never lead to successful fusion power or any of the expected results, no matter what type of facility is built. The reason for this is that thermonuclear fusion is only a *quasi* nuclear fusion reaction. It can never be sustained in order to reach the final reaction phase. This is an absolute fact and the last seventy years of experimentation have shown this beyond doubt. For the details about this issue, please read my article, **Generated Plasma from Thermonuclear Reactions would stay forever Unsustainable and Inefficient.** <https://www.linkedin.com/pulse/generated-plasma-from-thermonuclear-reactions-remain-ever-shrair>

I dedicated the last 16 years of my life to identifying the real fusion process of the sun and figuring out how to reproduce it on earth in a controlled environment. Calculations for my concept reactor predict that it will be able to produce five times more energy than conventional fission reactors that are currently in operation, without the added issues of nuclear waste. My fusion reactor is different because it uses a 100% clean energy source - in every sense of the word - while still being true nuclear energy. The fuels to be used are readily available and much more affordable than plutonium or uranium. Furthermore, the operating temperature of my reactor is only thousands of degrees, compared to the millions of degrees assumed necessary for conventional fusion reactors. By the way no device based on the concept of Magnetic Confinement Fusion (MCF) or the Inertial Confinement Fusion (ICF) could generate positive energy output. In spite of all methods and approaches the energy output of all fusion devices are less than the energy spent to generate the short lived plasma state, which cannot also be sustained long enough.

- **The reactor:** my demonstrable reactor model can be scaled from room size to power plant size, but the bigger it is, the more difficult it will be to construct and control. The detail is part of the technical know-how of the reactor. Thankfully, the required cutting-edge technologies are already available in various industries and we do not have to invent them.
- **What I am looking for:** an open-minded entrepreneur to sponsor my project and who is interested in a revolutionary form of energy production.
 - The amount to set up the basis for this project and achieve *proof of concept* is about 30,000 Euro
 - This would cover the costs of experimental verification in an institute of energy research, establishing the company and registering the patents.
 - When the experiments prove positive, are published and confirmed, there will be additional investments required for a prototype reactor. At this point there will be no question about the validity of the reactor and thus the investment will make obvious sense to any investor.
- In return for the financial support the investor will be entitled to a pre-agreed percentage of my R&D Company “ShrairFusion”.

To be very clear from the start; I am not looking for a large investment, I am looking for someone with the financial and industrial background to take a small proof-of-concept project through its development phases and more importantly ***protect the rights and interests of ShrairFusion*** as it becomes commercially and globally viable!

Basic Terms of Contract: ShrairFusion will be established and registered according to the EU laws.

- ShrairFusion will carry out theoretical and experimental research in the field of condensed matter nuclear fusion, which is identical to the fusion that takes place in the Sun. In addition, it will provide competent and valuable consultation in the field of low energy nuclear reactions (LENR), also known as Cold Fusion.
- ShrairFusion will submit full and complete patent applications with detailed descriptions and engineering drawings. The patents are for a laboratory scale reactor that shows or demonstrates the nuclear fusion reaction that takes place on the surface of the Sun.

Research activities of Jamal Shrair

These are the important peer reviewed research papers, open journal articles and other activities.

1-The external energy supply to the sun is overwhelmingly obvious and has recently been detected by space probes <http://www.journalcra.com/article/external-energy-supply-sun-overwhelmingly-obvious-and-has-recently-been-detected-space-probe>

Youtube (https://www.youtube.com/watch?v=EPhX2gu_8pg)

2-The Solar Neutrino Problem Has Not Been Solved
<https://cirworld.com/index.php/jap/article/view/5950/6027>

3- Replicating the Energy Production of our Star Based on its Physical Reality will be published after a patent has been submitted

4-Developing an Efficient Low-Temperature Nuclear Fusion Reaction *Jamal S. Shrair* <http://infinite-energy.com/iemagazine/issue93/index.html>

Developing an Efficient Low-Temperature Nuclear Fusion Reaction, Jamal S. Shrair <https://core.ac.uk/display/11364>

5- Can a Solid-State Nuclear Fusion Reactor Be the Ultimate Green Energy Solution? <http://www.infinite-energy.com/iemagazine/issue88/>

6-LENR is a Nano Effect *Jamal S. Shrair and Cold Fusion*

<http://gbgoble.kinja.com/lenr-is-a-nano-effect-jamal-s-shrair-and-cold-fusion-1753109867>

7-Articles written by Jamal S. Shrair with General Science Journal

<http://www.gsjournal.net/Science-Journals-Papers/Author/218/Jamal%20S.M.%20Shrair>

8- Jamal S. Shrair's articles with the Watchers <https://watchers.news/tag/jamal-shrair/>

Open Letters about my Proposed Nuclear Fusion Model

1-Open Letter to Heads of Advanced Nations

<https://www.linkedin.com/pulse/open-letter-heads-advanced-nations-jamal-shrair>

2- Urgent Open Letter to ITER Director General, Bernard Bigot

<https://www.linkedin.com/pulse/urgent-open-letter-iter-director-general-bernard-bigot-jamal-shrair/>

3-Letter from Jamal Shrair to the XXX Embassy in Budapest

<https://www.linkedin.com/pulse/letter-from-jamal-shrair-xxx-embassy-budapest-jamal-shrair/>

4-Jamal shrair | Professional Profile - LinkedIn,
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