

FBNR: *an innovative small nuclear reactor*

A 'snapshot' view of the project:

Fixed Bed Nuclear Reactor, 'FBNR', is an innovative small nuclear reactor designed to produce electricity and desalinated water. It can also supply steam for industrial applications and produce heat for district heating. FBNR is a small (70 MWe) inherently safe nuclear reactor, fool proof against nuclear proliferation, with reduced environmental impact and will contribute to the solution of the problem of global warming.

FBNR is supported by the International Atomic Energy Agency (IAEA) and meets the new standards and criteria set by its INPRO program that sets a new paradigm in nuclear energy generation, and is to bring about a new era of nuclear energy. The 30 years of research and development efforts have made it mature enough to embark on building its prototype.

The FBNR project is introduced more easily into smaller countries (than larger countries) where regulations for implementing the project are satisfied by meeting the guidelines set by the IAEA. Small countries are generally more easily able to legislate laws to protect investors of the FBNR project, enabling money to flow into the host country from international venture capital investors. The FBNR project will outsource its services and equipments to the world community, and essentially the host country will be the implementation headquarters.

FBNR will contribute to the sustainable development of the world by providing cheap electricity and desalinated water to an increasing world population that cry for a better standard of living thus contributing to the goal of reaching prosperity of humanity.

The main players:

The International Atomic Energy Agency (IAEA) is supporting the project. Humanity in general and the present and future stakeholders will benefit from it. Presently Farhang Sefidvash is coordinating and overseeing the project.

Location:

The focus of the project is global. The country that will host the project will become the financial and administrative headquarters for the project. Presently there are three potential candidates in the American Continent and one in African Continent to host the project.

What do you need:

There is a great need for entrepreneurs. Persons with political, financial and administrative abilities who can implement a worldwide multidisciplinary project.

What do you offer:

There is place for all who show interest in the FBNR project. The project is so large and multidisciplinary that all technologies are involved. Its potential market is estimated at more than \$800 billions per year. Therefore, any fraction of this market that FBNR can conquer is sufficiently large.

For further information, contact:

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Or visit www.sefidvash.net/fbnr

EBBF core values:

ü Sustainable development