

I offer a technological breakthrough to generate abundant, clean base load power, safely and at low cost, using sub-atomic fission. This excludes the use of fossil fuels, Uranium isotopes and related inputs.

The world needs a breakthrough, urgently. Owning the IP involved, Australia could become the global hub of technology exchange, and play a major role in the development and implementation of effective international policies on climate change.

Benefits of sub-atomic fission include:

Climate Change - reduced carbon emissions by 50% by 2030

Environmental - reducing pollutants and use of natural resources

Economic - lower energy costs, globally

Political - Provides the only incentive i.e. lower costs, for USA, China etc to take real emission reducing action. Lower cost is the only incentive that will spur them to action.

Financial - direct income from technology transfer. To \$150 billion per year.

Humanity - will enable undeveloped nations to improve economics and health

Will help reduce the power gap between have and have-not nations

Water - provide the clean cheap energy needed to produce and transport potable water

Automotive - eliminates reasons to not go electric in most environments.

Electricity - Existing thermal power stations can be retrofitted

relatively inexpensively. e.g. Hazelwood.

Shipping - Large shipping can use this technology directly as a power source.

Food production - improved water access to arable but dry areas.

Transport - Makes Hydrogen production economically and environmentally possible.

Large amounts of potential energy may be released using a "variation" to quantum tunneling (Ref Gamow, Gurney and Condon) at sub-atomic level. The potential energy is encased in the interaction of Coulomb forces and Strong Nuclear Forces at sub-atomic level.

Localised rupture/dislocation of Strong Nuclear Force bonds will permit Coulomb forces to overpower the Strong Nuclear Force bonds momentarily and accelerate fragments resulting from this interaction to very high energy levels, accompanied by high frequency radiation.

Rupture of Strong Nuclear Force bonds may be achieved by the application of radiation of wavelength less than the size of the fundamental element, which is 10^{-34} metres (Ref Planck and Schwarzschild), i.e. frequency of 10^{42} Hz.

Capture of the high energy particles and radiation and conversion to electricity can be achieved by conventional means.

Why has this technology not been addressed/discovered before? Because radiation of this frequency does not exist naturally, except possibly in black holes, so it has never been considered.

I can expand on the details if you are interested. It is that SIMPLE.

Yours sincerely

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