

ENVIRONMENTAL IMPLICATIONS OF FREE ENERGY

by Michael Riversong

Presentation link <http://youtu.be/-vxr3kUwXzs>

Environmental concerns came forward with a general spread of new ideas in America and Europe during the 1960s. These concerns include:

- Water pollution
- Air pollution
- Habitat destruction
- Toxicity
- Species endangerment and extinction
- Aesthetic considerations

Several environmental organizations began during that era, mostly designed to apply political pressure against one or more of the listed concerns. Most of those are still around and recognized today.

By the late 70s it was clear to many environmentalists that political processes were slow and sometimes ineffective. A few broke away into militant radicalism, which didn't last long in the face of improvements to law enforcement technology.

Research and development of alternative or renewable energy accelerated during the late 70s and early 80s. This included solar, wind, geothermal, and biofuels.

Small numbers of electrical engineers and concerned scientists started looking at more advanced technologies, including the work of Nikola Tesla and several research threads that had been left behind by independent inventors like T. Henry Moray and E.V. Gray. Many informal networks and structured organizations arose out of this research. Prominent among those was the International Tesla Society. Recovery of Tesla's writings and compilation of his patents began in the early 80s. It became increasingly clear to those who handled his materials that many of his proposals could produce power generation systems that were free of pollution and possibly nontoxic. Several other research lines emerged in the same context.

Now it is helpful to assess each new energy technology in relation to possible environmental effects and develop specific profiles.

Tesla's Wireless System

By 1905 it was clear to Tesla that we would not have to burn another drop of fuel to get the energy we needed. He was at that time working on a comprehensive global electricity transmission system. Any type of generator could be used to feed the wireless transmitter, but apparently the energy sources to be used were hydroelectric and universal radiant or cosmic. Since 2006 several working scale model replicas have been built. These use common materials which have relatively good environmental profiles. We have not found any kind of heavy electromagnetic fields coming from these systems, which means they are not likely to generate those types of invisible pollution.

LENR

Formerly known as Cold Fusion. Some toxic or polluting substances might be used. That

includes a few heavy metals, radioactive isotopes of hydrogen, and lithium. The potential for nuclear waste is small but still present. Further ongoing assessment is needed. Efficiency can be tremendous.

Hydro

Generally a good environmental profile, except for damage to landscapes, habitat, and agricultural properties. Benefits and problems may balance each other out, but too often they don't. Larger projects cause a lot of damage.

Magnetics

Magnetism in some forms and frequencies can have adverse health effects. So far studies of this problem have been contradictory. Magnetic field effects drop off rapidly with distance.

Plasma Gas

Inherent efficiencies reduce the potential for air and thermal pollution. Materials might be a problem depending on metal alloys used in construction.

Zero Point Energy

So far designs in this category have tended to be small, thus minimizing any potentials for pollution. Basic idea is to cause a disturbance in the aether, and then harvest energy from that.

Directed Energy Technology

Predominance of military uses. People might use the terms "death rays", "beam weapons", "ball lightning", and similar alarming words. Extreme caution is needed. Some of these can cause tremendous destruction and insanity. Tom Beardon documented some specific methods in the early 1980s.

Cavitation

We need to carefully assess the possible effects of acoustic energy on personnel who work closely with the devices. Other than that, only the usual concerns about materials and alloys remain.

Vortex

In many ways these seem to be ideal. Nature uses vortex phenomena in tornadoes and hurricanes to clean up polluted air and water. We still don't understand exactly what is happening in these situations, and there is a possibility that elemental transmutation is a factor. A well-constructed vortex device should actually cause a reduction in pollution around its operation. Main reference is Viktor Schauberger.

Conclusion

Planning to do environmental assessments as new technologies develop is wise. We are in a position to prevent serious problems before they start.

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