



Eco Nest
orchestrated by
TETRAD Technologies Group, Inc.



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The Eco Nest is the most practical and innovative tool for human beings to stem the drastic and uncontrollable effects from global climate change and also provide tools, resources and learning for adapting to the unavoidable challenges of the near future, not only from global warming but from several other critical risks due to new diseases and new forms of ethnic conflict.

The Eco Nest is a very highly researched, tested, integrated, and validated package that is available today, expandable and changeable as new technologies and new risks emerge, and to benefit populations up to 20,000 occupying rural or environmentally damaged regions up to 100's of square miles, it requires less than \$50,000 per installation, and as low as \$25,000 for the more basic installation.

For the cost of one mid-sized, mid-quality new automobile, a village and its surrounding region can have all of this:

- Water purification up to 10,000 gallons/day of pure water, even from really badly polluted sources - this is already in use in more than 20 locations.
- A 1kW - 1,000 kW engine for use as a mixed-mode power generator or propulsion/rotor/grinder/etc. This engine operates very cleanly on nearly any combustible fuel including biomass refuse. If it can burn, it is a fuel, and it burns many times more cleanly than any fossil fuel. This is fully demonstrable today.
- A simple, no-expert-required, package of biosensors and chemical sensors to tell people if there are certain dangerous chemicals or pathogens in their environment including food supplies. This exists today as well and can be readily adapted to different pathogens.
- Wi-fi long-distance communications so that all the data from the sensors can automatically, no-expert-required, reach systems and people that should know in order to respond.
- A complement of solar panels that can be used for generating power also, and these can be physically incorporated into a building structure, no-expert-required.
- A complement of emergency medical aids for assisted breathing and for care of burn injuries.
- A suite of simple communication and education aids delivered through the long-distance Web for general-audience, multi-language, multi-culture understanding. Onsite setup and training and follow-up.

The Eco Nest took over twenty years to design and bring together. Its parts are the results of the hard work by several organizations and many brilliant scientists, engineers, educators and business leaders. The Eco Nest is ready to begin deployment into communities in Africa, Central and Latin America, and Asia.

All the groundwork has been done. All the preliminaries have been done. Now we need your support to enable this to be implemented and deployed on a worldwide basis, one Eco Nest at a time.

Additional information is readily available. Shortly at this same website you will be able to find photographs and diagrams illustrating transport, installation and usage, as well as a full set of technical specifications and accreditations.