

DR. RICH SAPIENZA, ENERGIME DIRECTOR OF SCIENCE AND TECHNOLOGY, ENERSCIENCES:

I believe that appropriate technology for the world's hungry is critical; that is; science and machine to match the resources, skills and economics of the people you want to help.

St.Francis of Assisi wrote the "Canticle of the Sun" praising the sun, wind, and fire -- basically the environment and I believe these "natural" energy sources can provide the driver for water [from wells]; light, heat and cooling for homes and a start toward an improved planet.

At Energime via EnerSciences we are developing small very cost-effective solar thermal systems for heating or cooling. We focus on small wind and air or water battery/storage for lighting. Fresh water via simple desalination for villages. When production is made for consumption and not for marketing, present theories of economics crumble down.

Electricity has become indispensable primary need of the people. So means of generation of electricity should be small, simple and cheap enough so that common people can afford it and can control it creating a self-reliant life style. Big and giant thermal powerhouses or atomic powerhouses cannot fit into this ideology. Similarly big and giant solar powerhouses or Mega Watt size wind turbines and giant wind farms also do not fit into this ideology. Energime via EnerSciences believes independent, tiny, family size or at the most city/village level industries can contribute to the energy freedom of common people. The production of these needs should be owned managed and controlled by common masses therefore, all the technology related to the production of primary needs must be tiny and cheap enough to be afforded by common masses and simple enough to be understood by common masses.

The generation of electricity also should be at tiny scale for homes, for farms or for family scale industries; power generation schemes from 100 Watts to 10 KW should be thought out. Energime is strongly committed to tiny decentralized cheap and simple technology and is sure that millions of such small power generating units can work with strong economic viability based on renewable energy sources such as solar, wind, biomass, micro hydro, fuel cells etc.

Wind energy is one appropriate permanent resource gifted by the nature free of cost to the humanity. It works more or less round the clock irrespective of day or night. So harnessing the wind energy for homes and farms will make revolutionary changes. Schemes can also be based on tiny thermal electricity plants using solar thermal, biomass, agricultural waste, crop residues or wood.

Benefits:- 1.No transmission lines, 2.No distribution lines, 3.No

house wiring, 4.No application to any electricity authority, 5.No meter rent,6.No minimum fixed charge. 6.Electricity will be free of cost presuming that bio mass is freely available in villages.
7.Capital investment will be very small.

The specific use of alternative energy deployment provides the perfect context for educational that could both support the expanded use of alternative energy in these areas, and could also serve as a logical destination for providing a wide range of educational programming for students of all ages and workforce development. Energime and EnerSciences are Companies that can combine vision, timing (dealing with change), leverage (using resources effectively), mastery (operational efficiency) and leadership and thereby have the best chance to succeed. Energime wants to provide a guide for self-employed, start-ups and small businesses into becoming community industry anchors. This will build the community on the cornerstones of sustainability using existing physical, social and human resources

Sincerely;
Richard Sapienza