

Thursday 5 November

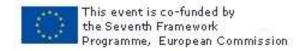
EU-India PARTNERING EVENT

Theme: Life sciences, biotechnology and biochemistry for sustainable non-food products and processes

Dr. Eng. Mario A. Rosato
Sustainable Technologies SL (Spain)
&

Prof. Dr. Raman Saravanane Pondicherry Engineering College (India)

A joint event organized by













RESEARCH CENTRE



Sustainable Technologies S.L.

SME devoted to applied research in the fields of renewable energies and environmental protection. Among other patents, owners of the AFADS wastewater treatment technology. This is a 4-stage (anaerobic, phytodepuration, aerobic, solar distillation), fully sustainable wastewater treatment system, which provides zero CO₂ emissions.

Environmental Engineering Dpt. – Pondicherry Engineering College

The research lab has developed cutting edge technology in the dark fermentation of wastewaters, with production of biohydrogen instead of the traditional biogas. Prof. Saravanane is Member of Risk Assessment - Advisory Structure of Scientific Committees and Expert set up by European Commission Decision - 2008/721/EC (Published in Official Journal of European Union, OJ L 49 20.02.2009, p. 33)







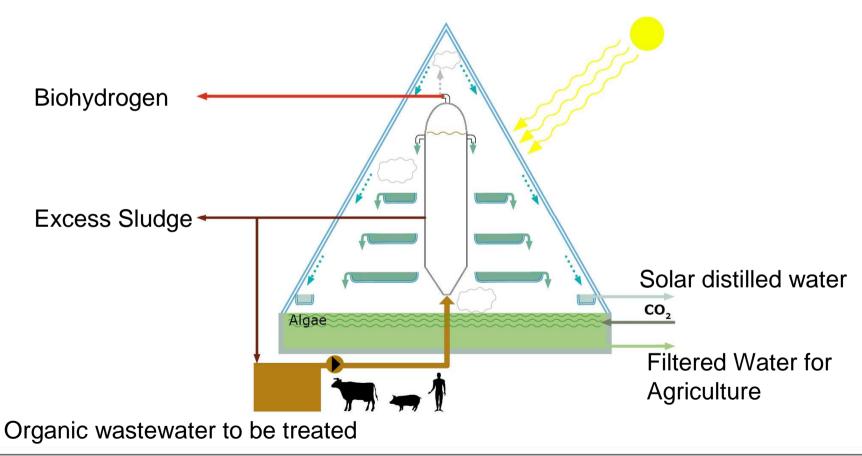




PROJECT IDEA



The AFADS system



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PARTNER SOUGHT



Biohydrogen AFADS Project

Several profiles of financial and reference partners are welcome in order to build and test a prototype.

- a) Public body.
- b) Wastewater treatment company (public or private) .
- c) Alimentary industry (fruit juices, sugarcane, beverages, food canning).
- d) Rural community needing a sewage treatment plant and energy.
- e) Industrial user of hydrogen (metallurgical plant, grease hydrogenation, any other process requiring hydrogen where purity is not critical).
- f) CO₂ emitting industry (cement, iron, lime...) willing to offset emissions while helping the local community.











CONTACT DETAILS



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