



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



This event is co-funded by
the Seventh Framework
Programme, European Commission



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)

A joint event organized by



This event is co-funded by
the Seventh Framework
Programme, European Commission



INDIGO



ebtc

European Business and Technology Centre

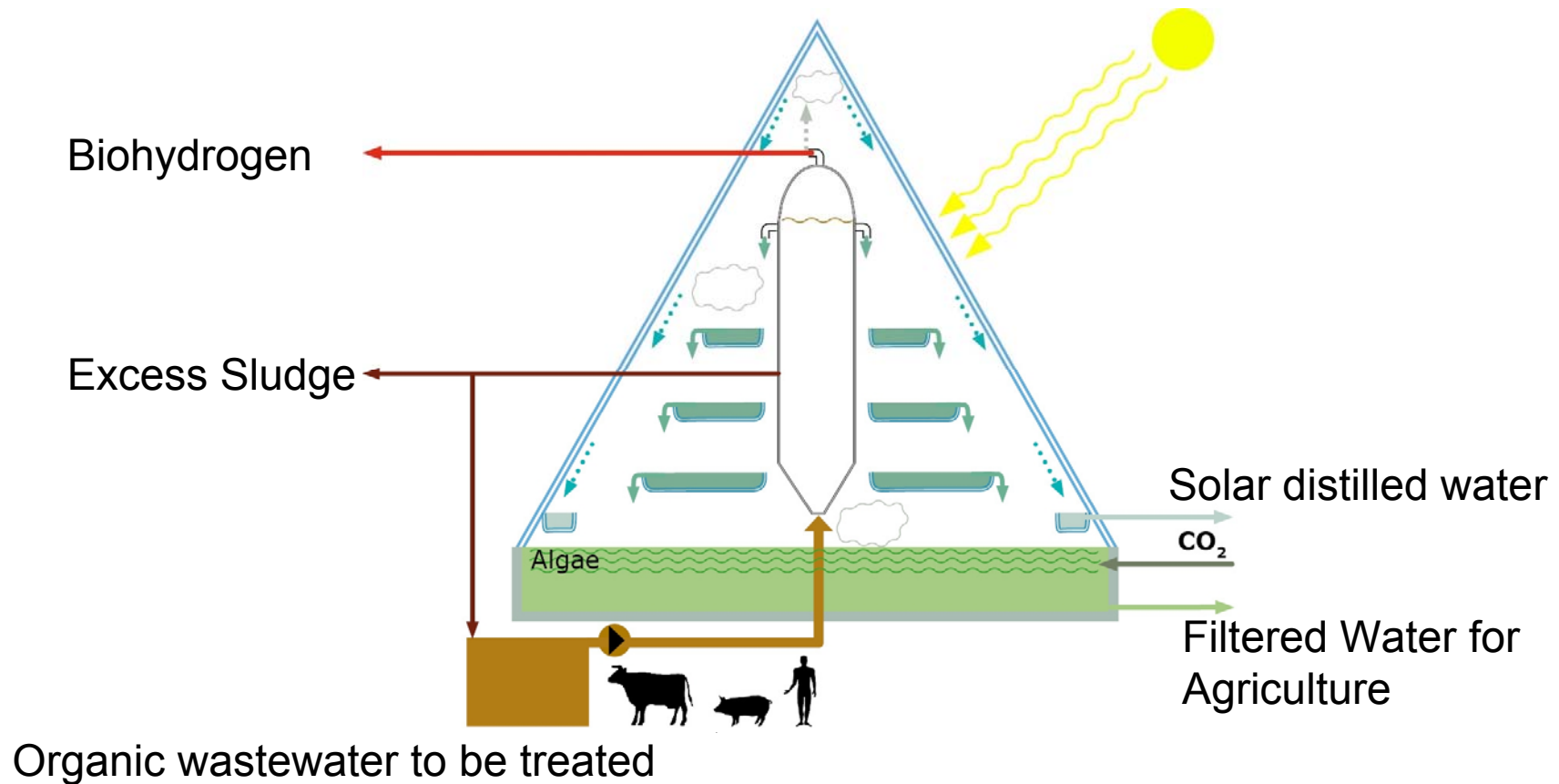


Biocircle



PROJECT IDEA

The AFADS system



A joint event organized by



This event is co-funded by
the Seventh Framework
Programme, European Commission



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.

A joint event organized by



This event is co-funded by
the Seventh Framework
Programme, European Commission



CONTACT DETAILS



Contact In Spain

Dr. Eng. Mario A. Rosato – CEO – m.rosato@sustainable-technologies.eu

Tel. +34 93 733 09 05 or +34 659 959 671

www.sustainable-technologies.eu

Contact In India

Prof. Dr. Raman Saravanane – rsaravanane@pec.edu

Tel. : 91-413-2655281 ext. 210

www.rsaravanane.com

A joint event organized by



This event is co-funded by
the Seventh Framework
Programme, European Commission

