2015 - 16

ECOSAN SERVICES FOUNDATION

ANNUAL REPORT

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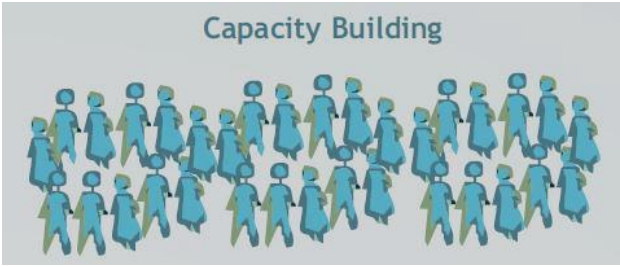
ECOSAN SERVICES FOUNDATION (ESF), PUNE, INDIA

Ecosan Services Foundation (ESF) is a section 25 non-profit company established in 2006 with the support of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and seecon international, in association with the Innovative Ecological Sanitation Network of India (IESNI). Ecosan Services foundation aims to transform into a sustainable key resource centre as a leading knowledge hub in sustainable sanitation and water management. With a unique mix of knowledge and experience; we work closely with the public and private sectors. Since the conception of this company, ESF has gained extensive experience in capacity development, policy building, awareness raising, project implementation and consulting in the field of sustainable sanitation. Please find attached our Capability Statement and brochure for your reference.

ESF offers professional services to various stakeholders like:

- Municipalities
- Non-Governmental Organizations
- Companies and Developers
- Private Individuals
- Educational Institutions



ESF offers full ecosan project packages including:

- Consulting
- Feasibility Studies
- Project Financing
- Technical Designing & Project Planning
- Project Implementation
- Operation & Maintenance
- Project Monitoring

ESF carries out Ecosan Training Courses, which follow a participatory, cross-institutional and interdisciplinary approach. Participants gain thorough theoretical and practical knowledge in the field of ecosan and enable participants to design, plan and implement their own projects based on the in-depth training from the course.

Ecosan Services Foundation | Flat No. 1, First Floor, 24, Prashantnagar, 721/1, Sadashiv Peth, L.B.S. Road Pune 411030, Maharashtra, India.`
| 020-64000736 | www.ecosanservices.org

VISION AND OBJECTIVES

Vision:

ESF aims to transform into a sustainable key resource centre as a leading knowledge hub in sustainable sanitation and water management

Objectives:

1. Developing sustainable organizational structure and processes.
2. Strengthening our position in capacity development through training, piloting and demonstration, awareness raising, R & D and coaching in new enterprises.
3. Strengthen our networking platform with national and international experts in the sector.
4. Open dissemination of knowledge through face-to-face as well as IT enabled services for institutions and individuals.
5. Quality Management and organizational learning to highlight best practices in the sector.

ADVISORY BOARD MEMBERS

JOHANNES HEEB

NILAKSH KOTHARI

DIRECTORS

DAYANAND PANSE

PRASHANT MAHAGAONKAR

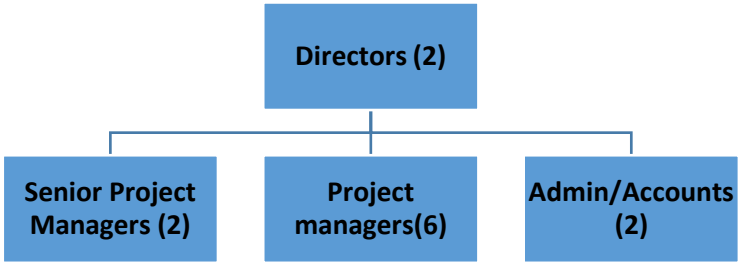
ORGANIZATIONAL PROFILE

ESF is a section 8 non-profit company established in 2006, with the support of gtz.

From two members, ESF staff is extended to 8 People until the end of the financial year 2009 and is still growing. The registered office is situated in Pune, but activities are spread all over India.

The objective is to provide full ecological sanitation project packages including consulting, project planning, implementation, operation and maintenance and project financing.

ORGANISATIONAL CHART



Eco Village Development Plan

Rural Development Department, Government of Maharashtra with the technical assistance from Maharashtra Pollution Control Board has institutionalized an ambitious scheme for transforming villages in the state of Maharashtra into Environmentally Sustainable Village:

The plan is to include:

A. Collection of base line data / information on Demographic information, Geographic information, Environmental information, Village infrastructure, Transportation, water supply and sanitation, public utilities, educational facilities, health facilities, energy, SLWM, to understand the present state of the village relevant to environmental and socio-economic issues of the village to enable perform (SWOT Analysis) for the village

B. Preparation of the base map and other theme maps (Settlement, Transportation, Drainage, Land use, Public Facilities, Water supply and sanitation, Sensitive Zones, Industries etc) and proposed Village Development Plan on Arc GIS platform using available satellite image.

Direct Aid Program

Under the sustainable development program financed under the Direct Aid Program, Ecosan Services Foundation is working with the DAP to build Urine Diversion Dry Toilets in a hamlet Rawdewadi, about 32 kms from Pune in Khed Shivapur. 25 UDDTs have been planned to be built under this program, the construction of which is under progress. The UDDT's are excellent models of environmental sustainability, using minimum water and provides options for reuse of faeces and urine as fertilizers for the farms.

Along with UDDT construction, ESF plans to carry lot of software activities at the village like urine and faeces re-use workshop for UDDT owners, tree plantation drive, menstrual hygiene workshop for ladies of the village, mason training for the locals to construct the UDDT etc. This will ensure community participation and awareness to make the project successful. By targeting all the families without toilets in the hamlet, ESF aims to make the entire hamlet 'open defecation free'.

ACTIVITIES 2015 – 2016

ESF PROJECTS

NaWaTech - Natural Water Systems and treatment Technologies to cope with Water Shortages in Urbanized Areas in India (2013- ongoing):

NaWaTech is a three-year collaborative project under 2011 India-European Union Call for Proposals on Water Technology, Research and Innovation approved by the Department of Science and Technology (DST), Government of India and the European Commission.

The purpose of the project is to cope with water shortages in urbanized areas in India in an attempt to demonstrate the effective use of natural water treatment systems by shifting the approach from the conventional end-of-pipe to an integrated water management one. The NaWaTech concept is based on optimized use of surface water supply, rain water, storm water and grey / black water flows by treating each of these flows via a modular natural system taking into account the different nature and degree of pollution of the different water sources. The project consortium comprises of 7 reputed European organizations and universities and a corresponding number of Indian consortium members**.** The project plans for implementation of the technologies in two cities namely Nagpur and Pune. The Indian consortium of NaWaTech is headed by the National Environmental Engineering Research Institute (NEERI) and they are responsible for overseeing the implementation at the Nagpur sites.

Implementation of School Sanitation

Ecosan Services Foundation was approached by Charities Aid Foundation (CAF) India for implementing school sanitation in a school in Pune. CAF is a leading international not-for-profit organisation, which works to make giving more effective and charities more successful. Kohler India, with the aim of investing their CSR assets in refurbishing existing sanitation state of affairs of schools approached ESF through CAF. Under this project, Mahatma Phule Madhyamik Vidyalaya, Hadapsar, Pune was selected as the school as the beneficiary for this project. The focus for the project is the practical aspects of sanitation in its right perspective, laying emphasis on personal hygiene, proper sanitation, clean toilet habits, safe drinking water and disposal of waste water and human waste under this project.

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Type of Course	Date	Location	Participants	No. of Participants	Client/Partners
Training program on Technologies and Business Development in Natural Wastewater Treatment Systems	April 2015	YASHADA, Pune	Existing SMEs in the water sector, entrepreneurs, research students	25	In the frame of the Indo-European project NaWaTech "Natural Water Systems and Treatment Technologies to cope with Water Shortages in Urbanized Areas in India", NaWaTech Partners, NEERI (National Environmental Engineering Research Institute, Nagpur) and ESF (Ecosan Services Foundation, Pune) in collaboration with cewas south Asia, conducted a comprehensive ten day training program on Technologies and Business Development in Natural Wastewater Treatment Systems. This training program, aimed at existing SMEs in the water sector, designed based on the results of the project NaWaTech and aimed at developing decentralized treatment systems that are flexible and cost-effective, require low O&M efforts and optimize the water use by reusing wastewater. The project NaWaTech, which started in 2012 and will end in December 2015, is financed by the Department of Science and Technology of India and the European Commission within its 7th Framework Program. Cewas south Asia, launched in 2013, is an entrepreneur development and support centre for water, sanitation and resource management. It is associated with cewas Willisau (Switzerland) which is the International Centre for Water Management Services.

ESF TRAINING PHOTOS

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ESF ASSOCIATES

www.ecosanservices.org

WORKING ASSOCIATES

FUNDING ASSOCIATES

ESF STAFF 2015 – 2016

Board of Directors:

Mr. Dayanand Panse

Mr. Prashant Mahogaokar

Team Members:

Mrs. Shweta Alulkar	Head- Accounts and admin
Mr. Sandeep More	Support Team
Mr. Ganesh Kale	Senior Project Officer
Mr. Dhawal Patil	Senior Project Manager
Mr. Varad Shende	Project Manager
Mr. Ajith Edathoot	Project Manager
Ms. Neha Patwardhan	Project Manager
Ms. Hamsa Iyer	Project Manager
Ms. Amruta Joglekar	Project Manager
Mr. Saurabh Kale	Project Manager
Mr. Sagar Patil	Project Manager
Ms. Pratiksha Gogoi	Project Manager

External Resources (Switzerland)	**from seecon Ldt.**
Mr. Martin Wafler	Chief Engineer
Mr. Michael Kropac	Project Manager India
Mr. Nanchoz Zimmermann	Executive Engineer
Mrs. Annick Staub	Intern