



## Initiation of Capacity Building Initiative in India

Mrs. Pradnya Thakur  
Head Projects

Ecosan Services Foundation, Pune, Maharashtra, India



# Introduction to NGO ( ESF, Pune)

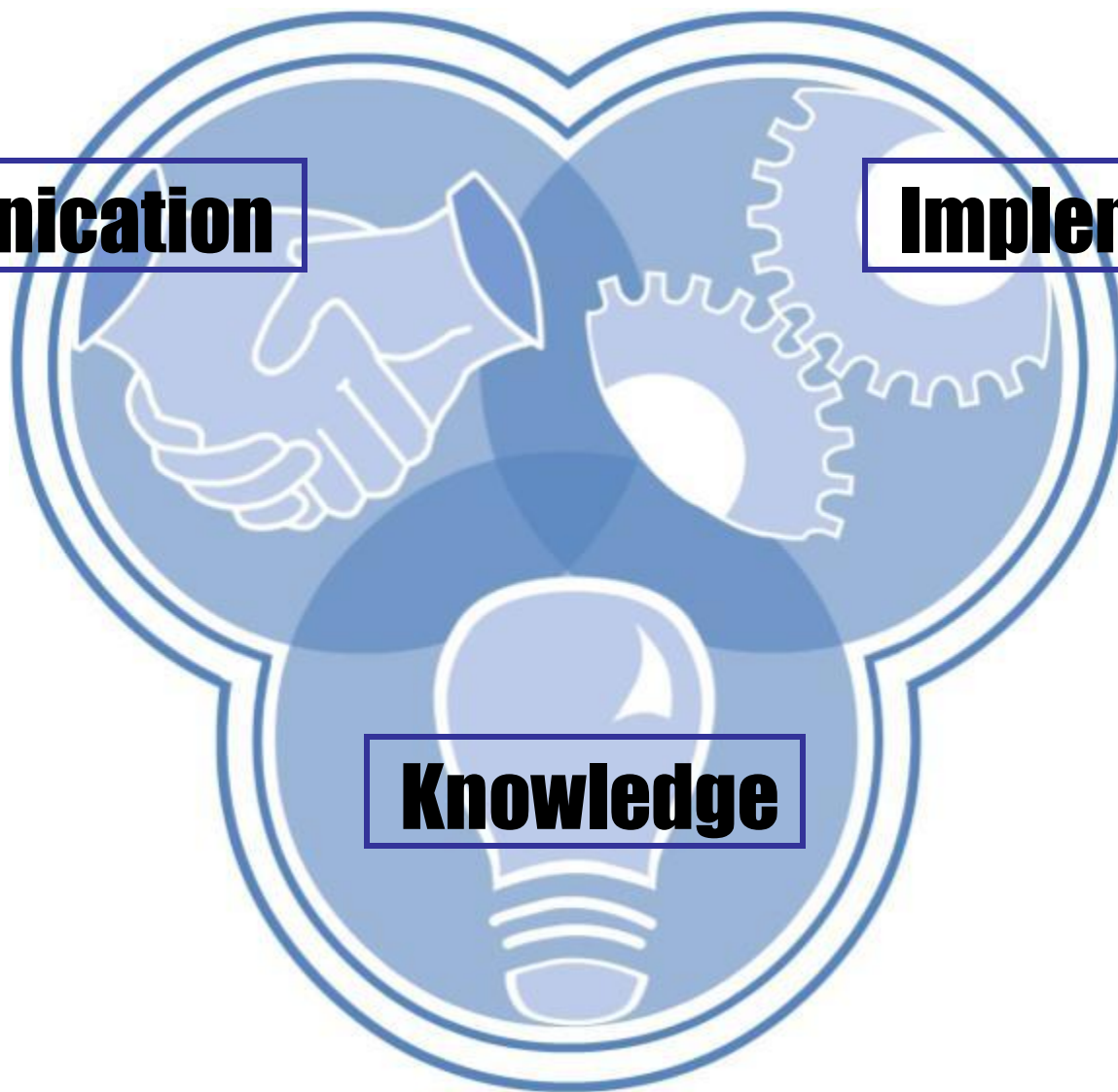
- Ecosan Services Foundation (ESF) has been founded in 2006 jointly with seecon international gmbh, Switzerland and with the support from GTZ, Germany
- Small core team, but flexible network structure with experts and partners from all over India and the world
- Lead organization in IESNI network



**Communication**

**Implementation**

**Knowledge**

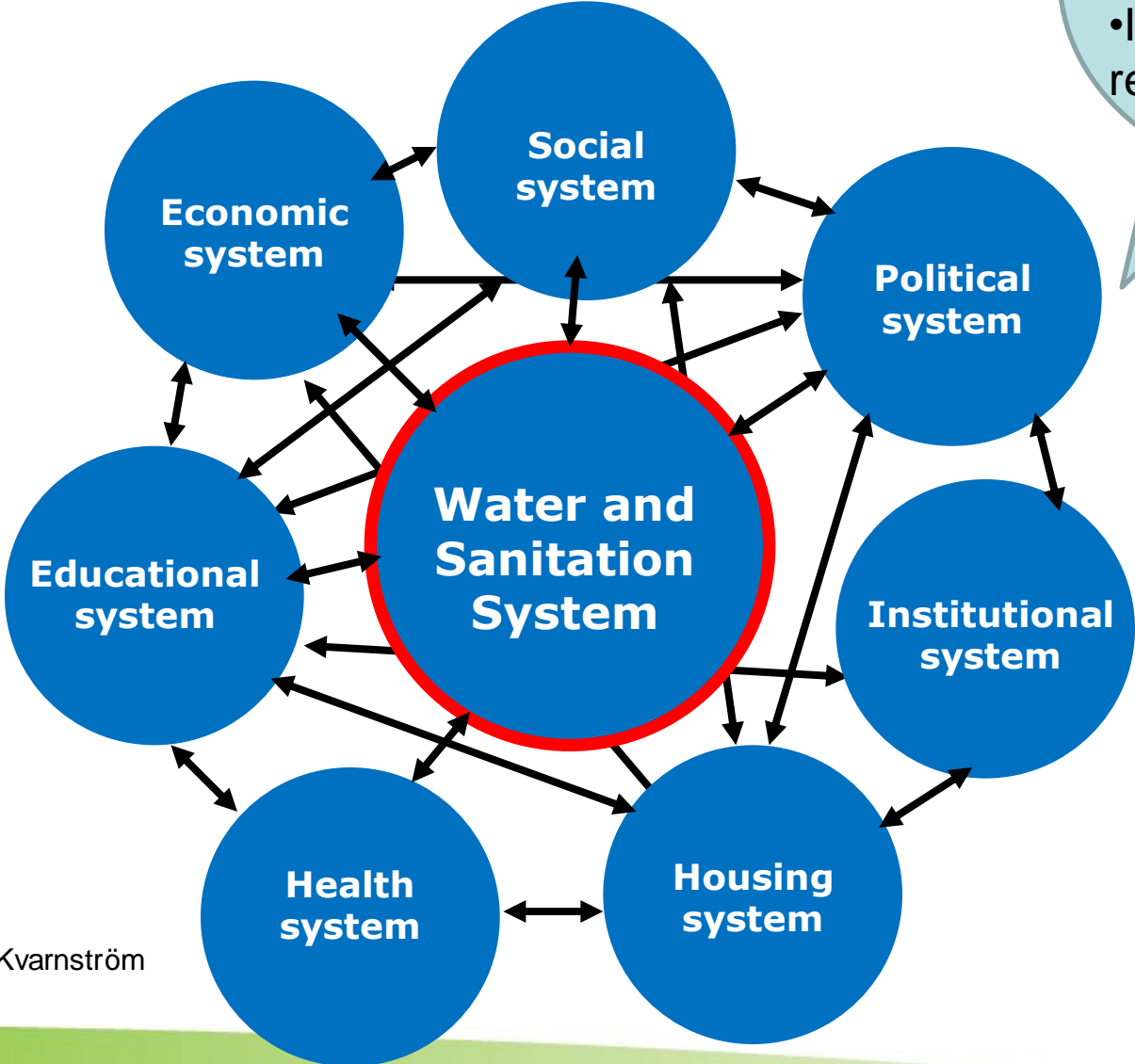


# Challenges For Ecosan Promotion In India

- Geographical Diversity
- Social And Cultural Issues
- Anti-scavenging Laws
- Inadequate Funds For Innovation And Alternative Solutions
- Large population with moderate literacy
- Requirement of continuous IEC campaign

# Interactions of relevant systems in society

•Performance  
•Impact  
•Issue Solving responsibilities



Source: Elisabeth Kvarnström (SEI, Sweden)

# Promotion and Awareness Generation of Ecosan





# Promotion to Decision / Policy makers

State Ministers Conference , organised by DDWS, Rural Ministry, GOI in 2007



Dr. Raghuwansh Prasad Singh, Ex. Cabinet Minister,  
Rural Ministry, GOI



Ms Shanta Sheela Nair Ex. Principal Secretary  
(WS), Rural Ministry, GOI

# Promotion to Decision / Policy makers

National Workshop on Ecological Sanitation with DDWS, Rural Ministry in 2008



Organised workshop in association with SuSanA, CSE and Unicef

Round Table conference organised by Rural Ministry GOI in 2009



Invited ESF as one of the expert for future planning on sustainable basis



# Promotion to Decision / Policy makers

## Launching of NUSSI



By Honbl. Minister Mr. Kapil Sibble

## Publication of NUSSI manual



By famous Bollywood actor Aamir Khan –  
Brand Ambassador for school sanitation

# Promotion to NGOs



Franco-Indian Conference on Technology Innovation and Millennium Development Goals at Truchirapalli, Tamilnadu - 2007



SACOSAN conference, 2008

# Promotion to NGOs and Professionals



Workshop on 'Ecological Sanitation'  
in Pune, for AAK-PLAN - 2009



Capacity Building of NGO  
representatives in Tamil Nadu -2010



# Promotion to Educational Institutes:



Poster competition, DAV school, Pune



.... NUSI



Workshop on Ecological Sanitation, Pune University - 2009



NUSSI survey photos

# Eco Games

Game for Water conservation, Hand washing and Use of Toilet block





# School Sanitation Exchange Program

- 20 students from India (Abhinav English medium School, Pune)
- 10 students from Switzerland (Freies Gymnasium Bern)
- Internet-platform for discussions ([mynetworks.org](http://mynetworks.org))
- Awareness raising for students to realize that problems in relation to wastewater and sanitation do exist in both countries



# Promotion to Funding Institute:

---

- For course participation promotion: Contact MMREA Society
- Visit to Indian Petro - Chemicals Ltd. (IPCL), Nagothane
- Meeting with General Manager – Agriculture Finance, Bank of India, Mumbai

# Mass Awareness through Media:

- Media Sponsorship with Water Digest magazine, Publication of Article, Distribution of course flyer, post event report in Water Digest Magazine for September, January and March courses.
- Interview on Radio and Television
- Press conference



# Mass awareness through media

**The Indian EXPRESS**  
www.expressindia.com

## दिलापूर नगरपरिषदेला पुरस्कार

2009

### Workshop on 'sustainable sanitation'

EXPRESS NEWS SERVICE  
AUGUST 23

ECOSAM Services foundation, a Pune-based NGO, together with the International Council for Local Environmental Initiatives (ICLEI), Environment Centre...

## शहरी स्वच्छता व आरोग्यविषयी शाश्वत व्यवस्थापन प्रकल्प

पुणे, २३ ऑगस्ट / प्रतिनिधी

भारतातील 'अॅक्सेस सॅनिटेशन' प्रकल्पास सुरवात

पुणे, २३ ऑगस्ट २००९

**TODAY**

## अॅक्सेस सॅनिटेशन'ची देशात सुरवात

पुणे, ता. २३

शहरी स्वच्छता व आरोग्यविषयी शाश्वत व्यवस्थापन प्रकल्प

भारतातील 'अॅक्सेस सॅनिटेशन' प्रकल्पास सुरवात

पुणे, २३ ऑगस्ट २००९

**TODAY**

**pune metro** विकासनला बस्ट वाटर

## एनजीओ अवॉर्ड

### City sanitation NGO goes global

The objective of the project is to carry out capacity building exercise for local governing bodies... - Pradyumn Thakur, ECOSAM Services Foundation project head

Pradyumn Thakur is the Director, International Council for Local Environmental Initiatives (ICLEI), an international association of local governments as well as national and regional local government organizations, which has members from 79 countries, is also a part of the initiative.

The objective of the project is to carry out capacity building exercise of local governing bodies, which are directly involved in planning and sanitation plans for 2009-10. "EcOSAM Services Foundation project head

The project will be kicked off on Monday, with the conduct of a 3-day workshop in Pune, which will be attended by top bureaucrats from ICLEI and Centre along with experts from India and abroad.

The project will be kicked off on Monday, with the conduct of a 3-day workshop in Pune, which will be attended by top bureaucrats from ICLEI and Centre along with experts from India and abroad.

**ECOLOGICAL ACTION**

## एनजीओ अवॉर्ड

पुणे, ता. २३ ऑगस्ट/प्रतिनिधी

भारतातील 'अॅक्सेस सॅनिटेशन' प्रकल्पास सुरवात

पुणे, २३ ऑगस्ट २००९

**TODAY**

## स्वच्छतेसाठी पंढरीत अत्याधुनिक गटार

पंढरपूर, ता. १३ : शासनाकडून फेब्रुवारी अखेर शासनास सादर केला जाणारा आहे, अशी माहिती महाराष्ट्र सरकारच्या जनसंख्या विभागाने दिल्या जाणार आहे. यातून पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे. यातून पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे.

पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे. यातून पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे.

पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे. यातून पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे.

पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे. यातून पंढरपूर शहरातील अत्याधुनिक गटार बांधण्याची योजना आहे.



# Promotion to Stakeholders – Rural & Urban



Village meet at Thergaon, 2007



Palavi Agricultural exhibition, 2008



# Promotion to beneficiaries – Rural & Urban



Workshop for Community Based Organizations (CBO) under Slum Sanitation Programme in Mumbai, 2008

# Promotion to beneficiaries – Rural & Urban



Training Program of ULB representatives, 2010

# Promotion technologists

- Participation in Exhibition organised by Indian Water Works Association during their 39<sup>th</sup> Annual Convention at Mumbai



- Workshop organised by Plumbing association for technologies in Plumbing sector

# Involvement of builders/developers and manufacturers



Water Saving Urinal device



Development of pour flush toilet pans, wash basins



Urine diverting western toilet pan



# Involvement of Religious leaders

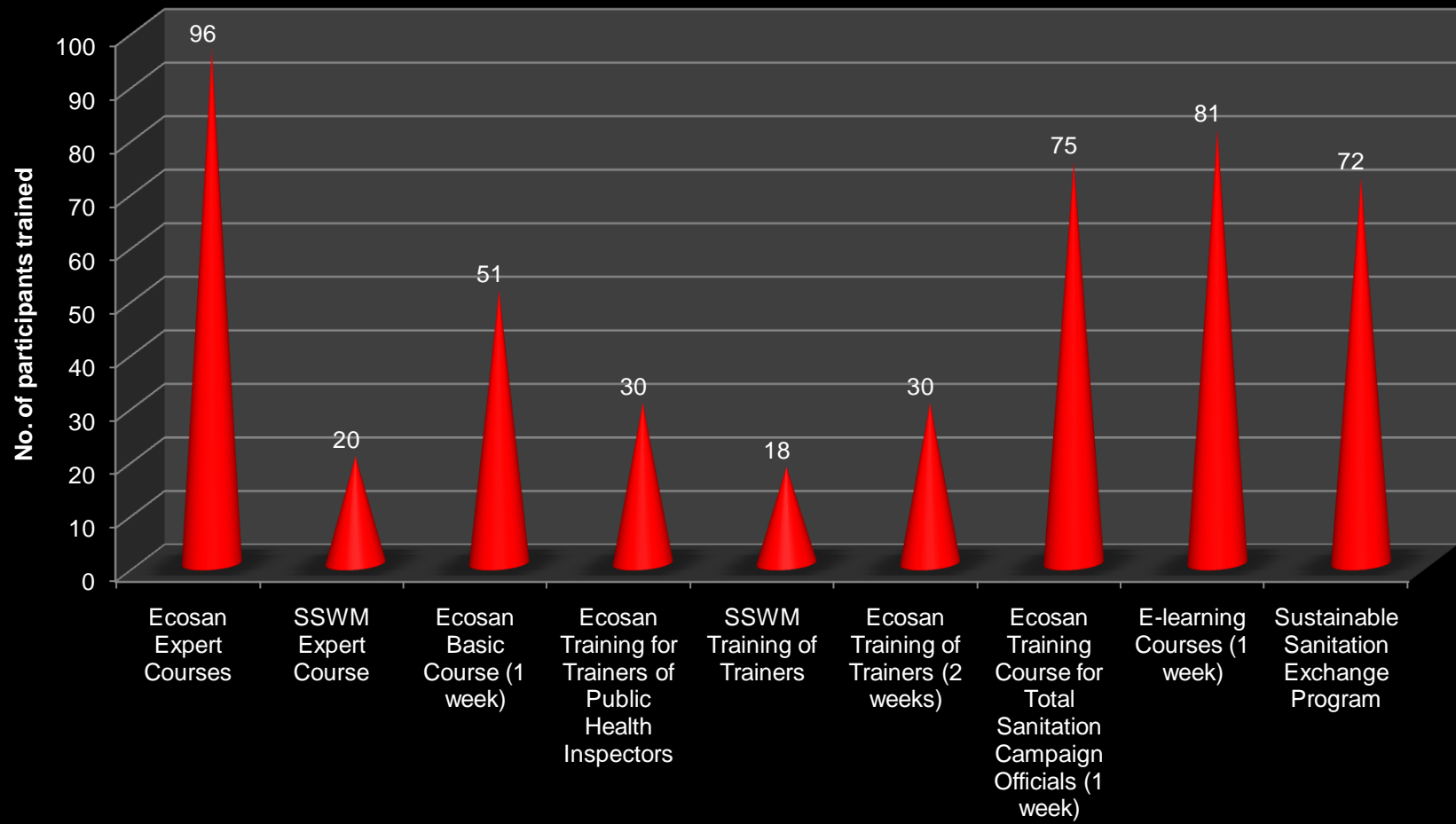


Initial Survey with pilgrims



# Capacity building Training Programs

## People served through ESF training courses since '07



# Completed Project

Name of the project	Type of project	Number of users served	Reuse potential	
			WW	Urine
Adarsh Vidyaprasarak Sanstha's College of Arts & Commerce, Badlapur	Decentralized Wastewater Treatment System	2600	8m <sup>3</sup> /day	300L/day



# Completed Project

Name of the project	Type of project	Number of people served	Reuse potential	
Thergaon village, near Nashik	Urine Diversion Dehydration Toilet	40	<b>Urine</b>	<b>Fecal compost</b>
			40L/day	12.8 kg/day



*Without  
URINE  
application*



*With  
URINE  
application*

# Thergaon : Methodology



Awarness Raising  
Meeting with Village People

## Survey





# Theragaon : Implementation



*Ready to use UDDT*



*Pre-implementation of the project*



*Visitors visiting the project site*



# Completed Project

Name of the project	Type of project	Number of people served	Reuse potential
Shree Baleshwar Anudanit Primary and Secondary Ashram School, Sarole Pathar	Decentralized Wastewater Treatment System	500	<b>Grey water</b>
			12m <sup>3</sup> /day



# Completed Project

Name of the project	Type of project	Number of people served	Reuse potential
Kamalini Kuteer resort, Near Pune	Decentralized Wastewater Treatment System	30	<b>WW</b>
			5m <sup>3</sup> /day

Name of the project	Type of project	Number of people served	Reuse potential
Oasis resort, Pune	Decentralized Wastewater Treatment System	700	<b>WW</b>
			14m <sup>3</sup> /day



# Ongoing Project

Name of the project	Type of project	Number of people served	Reuse potential
Eco – village project, Katewadi, Baramati To be implemented at: • Primary school; • Hanuman temple; Bus stand.	Sanitation and water management systems	<ul style="list-style-type: none"> <li>• Primary school: About 520</li> <li>• Hanuman temple: 200;</li> <li>• Bus stand: 600</li> </ul>	<b>WW</b>
			<ul style="list-style-type: none"> <li>• Primary school: 860L/day;</li> <li>• Hanuman temple: 5500L/day;</li> <li>• Bus stand: 5400L/day</li> </ul>



# Ongoing Project

Name of the project	Type of project	Number of people served	Reuse potential
Housing complex, Thane	5 Decentralized Wastewater Treatment Systems in the whole complex	About 1300	<b>WW</b>
			74 KLd, 79 KLd and 15 KLd at Desai ; 18KLd and 139 KLd at Khidkali.





# Feasibility Study

Name of the project	Type of project	Number of people served
Pandharpur Town – Sanitation plan with GIS study	Techno economic feasibility Study for Sanitation and Sewer management	More than 1 million



# Outcome

## Workshops

- No. of people served - around **2000**

## Conferences

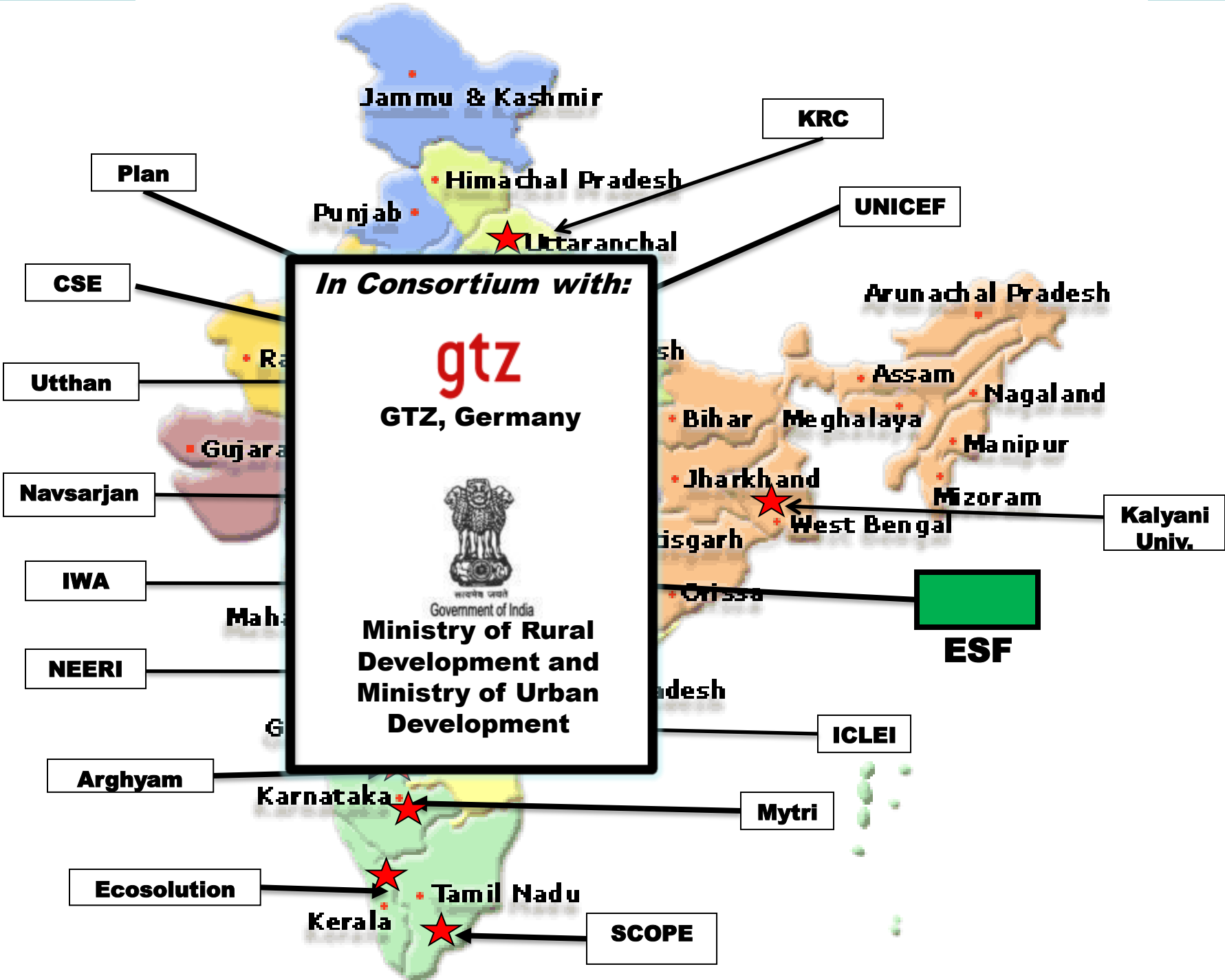
- No. of people served - around **300**

## Trainings

- No. of People served – around **500**

## Projects

- Direct beneficiaries- around **10000**
- No. of person served - **More than 1 million**





# INDIA

## State and Union Territories

**LEGEND**

- International Boundary
- State Boundary
- National Capital
- State & U.T. Capital

Map to Scale  
Copyright © 2010 www.mapsofindia.com  
This map is updated as on Feb 8, 2010







*Continuous journey.....towards a sustainable living...!*

# Thank You !



## **Ecosan Services Foundation**

1002/42, "Vishwa Chandra",  
Rajendra nagar, Pune -411 030

Web: [www.ecosanservices.org](http://www.ecosanservices.org)

Email: [ecosan @ecosanservices.org](mailto:ecosan@ecosanservices.org)

Ph: +91 20 64 000 736