

CHALLENGES ON POPULARIZING ECOLOGICAL SANITATION TECHNOLOGY IN SRI LANKAN CULTURE

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General Information



- Land Area: 54,000 Sqkm
- Population: 19 mln
- 9 Provinces, 25 districts
- Rural Population: 70%

Historical Background



4th Century BC

Urine Disposal



Present Sanitation Status

Water sealed toilets with septic tanks	38 %
Water sealed with direct/off pit	27 %
Pit/other	21 %
Pipe borne	1 %
No toilets	13 %



Introduction of Ecosan

MANUALLY-OPERATED LATRINE CONSTRUCTION

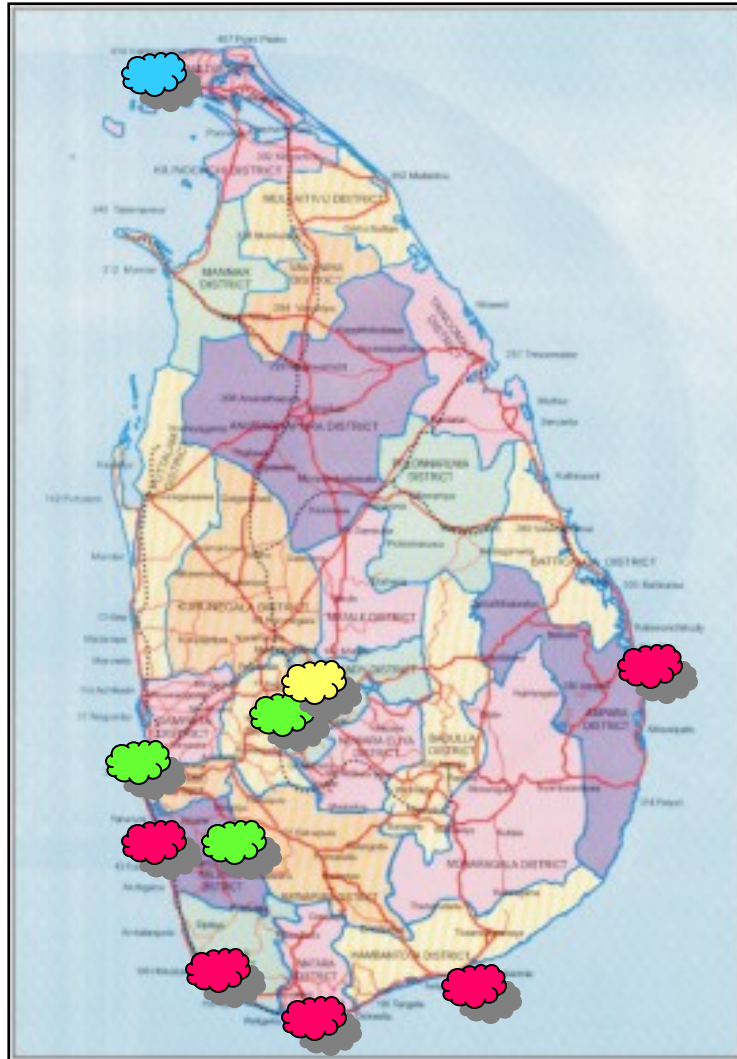


Objective 1: Pilot Project with 30 toilets at three locations



Objective 2: Concept awareness & promotion

Ecosan Locations



 Pilot project

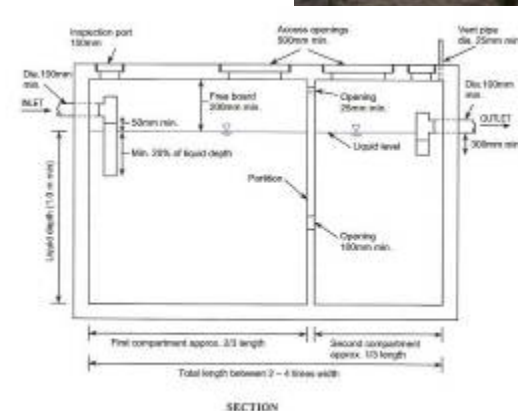
 Replication

 TSUNAMI assistance

 TSUNAMI/UNICEF assistance

High Capital Investment

Option	Cost in USD
Conventional direct/off pit latrines	200-240
Ecosan type	300-350
Toilet with septic tank	600



Lack of Technological Awareness



- Name : A.L. Mohamed Jiffry
- Home Address: 170/25, Sennell kiramam 01, Sammanthurai
- Occupation : Mason
- Age : 29 Years
- Experience : 15 years,
- Other Information: Eight masons are currently working under him. Involved in construction of major buildings and houses..



- Capacity building
- Training of masons

Focusing on Poor

- Top down approach
- Wrong convincing point
- Option for poor
- Primitive design
- Lack of recognition



Use of Water



Risk of Post-Contamination



Wash-water/urine disposal has to be carefully designed !!!

Family Discipline



Training on:

- Proper use
- Trouble shooting
- Corrective measures

Needs several days to correct a mistake !!!



Inadequate Monitoring



**Post project monitoring
- is a must !**



Market for Products

**No market
in Urban
areas**



**Need to
promote
urine
fertilizer**



Lack of Awareness



Lack of knowledge: on pollution by conventional practices and alternative solutions

Market strategy: Conservation of the environment



Policy Issues



More awareness !

Guidelines and regulations !!

Small focal groups are more effective !!!

Conclusions



Thank You