

# Collective EcoSan Compost Toilets

St-Sebastian High School - Kameshwaram



Inaugurated on the 28th, May 2007

Conceived and built by SCOPE (Trichy)

Sponsored by Association SOS (France)

# Collective EcoSan Compost Toilets

St-Sebastian High School - Kameshwaram



## Assessment : The context

Assessment

Technical features

Awareness

Inauguration

- Only two toilets for the 498 pupils of St-Sebastian High School
- Existing urinal for boys but not for the 234 girls
- Septic tank which had to be emptied regularly
- A high rate of school drop out rate for teenage girls as a consequence of the lack of sanitary infrastructure such as toilets
- High water table area

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## Assessment : How it was before

Assessment

Technical features

Awareness

Inauguration



*The existing urinal for boys*

*One of the two preexisting toilets*



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## Technical features of new structures

Assessment

- Total cost of the project is Rs. 2,50,000

Technical features

- 2 toilets for boys and two for girls. Urinal for boys and for girls, with wash basins

Awareness

Inauguration



*Urinal for boys*



*Urinal for girls*

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## Technical features

Assessment

- Toilets have compost chamber above the ground level

Technical features

- Each toilet includes two compost chamber aerated by a black vent pipe

Awareness

- The pan used are special children three in one pan, diverting both urine and black water

Inauguration

- An incinerator has been implemented to burn sanitary napkins



*Incinerator, vent pipe and chambers*



*3 in 1 special children pan*

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## Technical features

Assessment

- After each visit, one cup of ash has to be put on the faeces. It will permit the transformation into compost.

Technical features

- Compost can be sold and used for agricultural purposes

Awareness

- Urine will be used as biofertilizer for the nearby cashew nut plantation

Inauguration

- Black water (from anal washing) is filtered and slowly runs to the nearby field



*Urine collection tank and black water filter bed*

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## Awareness and training

Assessment

Technical features

Awareness

Inauguration



How to use EcoSan toilet

- Pupils have to be taught how to use the toilet correctly
- They have to be trained on the good sanitary practices
- A special session has been given on menstrual hygiene for adolescent girls
- Awareness is permanent thanks to the work of the artist who painted the toilets

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## Awareness and training

Assessment



Technical features

Awareness



Inauguration

*Special session for girls*

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## Inauguration and visit

Assessment

Technical features

Awareness

Inauguration



*The group of the association SOS*

*The inauguration by Mr. Thiruvengadam – SSA, asst district coordinator - on the 28th, May 2007*



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## Inauguration and visit

Assessment

Technical features

Awareness

Inauguration



*Visit of Mr. A.K.S.  
VIJAYAN, Member of  
Parliament – Tamil  
Nadu on the 7th, June  
2007*