Ecological Sanitation in Yuvientsa – Amazonian Region of Ecuador

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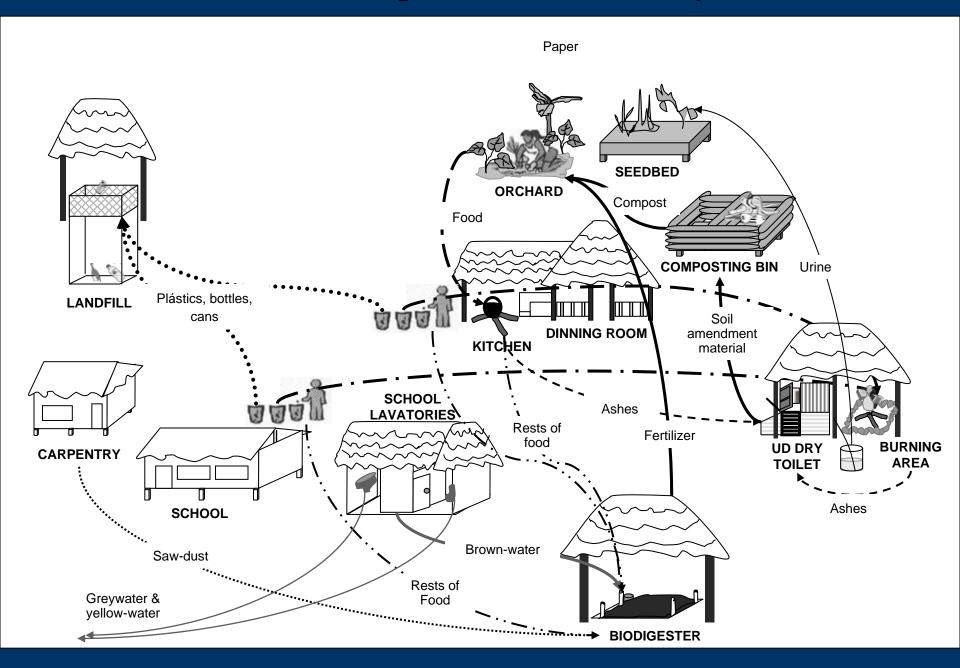
International Conference on Sustainable Cities and Villages

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The Concept – Clean Community



The Importance of Managing Residues





Solid Residues – Sorting at the Source





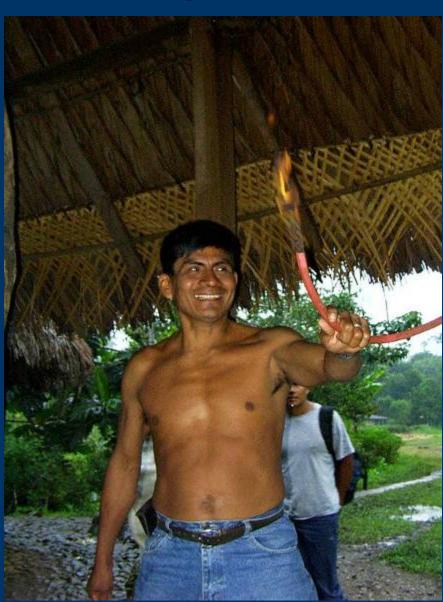






Biodigester

Operation





Composting Organic Residues

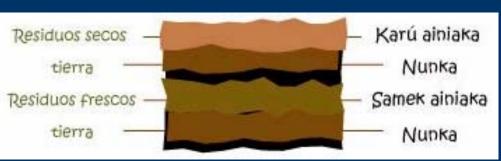


Composting Organic Residues





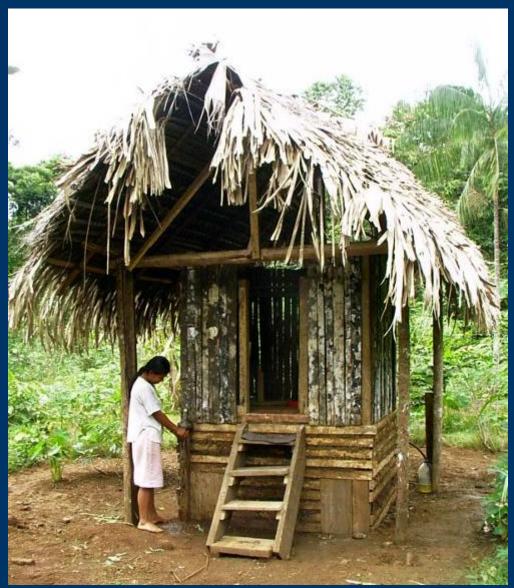








Urine-diverting Dry Toilet





Hand-washing devices





Fertilizing Seedbeds with Urine



Applying Faeces Soil Conditioner into Fruit Trees



Health vs. Sanitation



Environmental Education – Resources Constraints







Recycling



Results

- ✓ Cleaner community,
- ✓ Healthy community,
- ✓ Improved standard of live,
- ✓ 3Rs concept is understood and applied,
- ✓ Cleaner production use of organic fertilizers,
- **✓** Better yield of crops,
- **✓** Transferring of knowledge to other communities.

Conclusions

- ✓ To ensure a project success it has to be planned with the community and correspond culturally to its necessities and habits.
- ✓ Habit changes can be achieved if people understand the importance of that or see a direct effect in their lives.
- Training local people to support the project ensures its sustainable.
 - A project should be focused on the main concern of the community
 - The sustainability of the project is guaranteed by a constant monitoring of the pleasant who phase and after it.
 - Required changes should be one during the mentation phase.
 - materials contributed to keep carticipants' interested on the project.

Gracias