

# Hollistic Approach in Mayan Indigenous Communities

A circular diagram consisting of seven thick, colorful arrows arranged in a circle, pointing clockwise. The arrows are colored red, green, blue, dark green, yellow, pink, and cyan. The text 'Indigenous Communities' is centered within the circle.

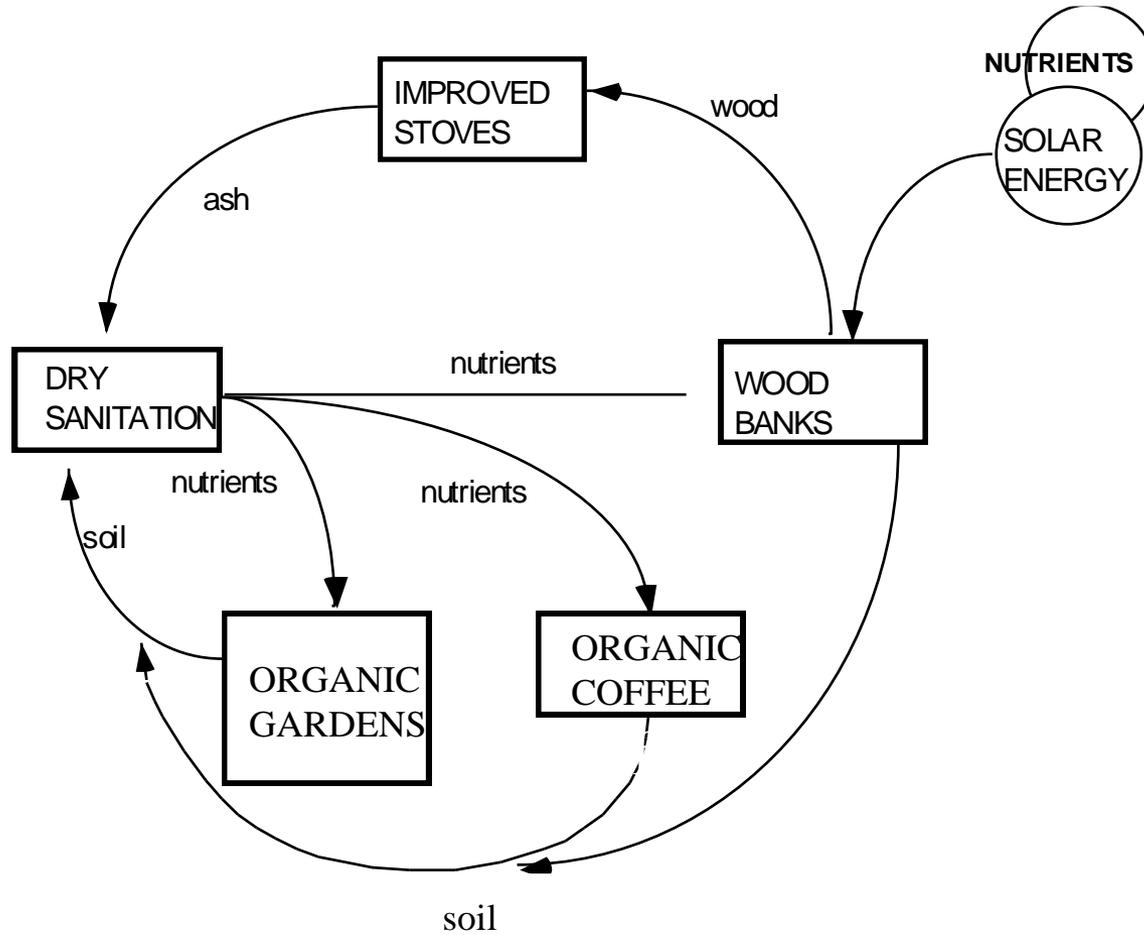
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# Integrated System for Energy Recycling





Yajalón, Chiapas



Casa Albergue



**Material compostado después  
de seis meses**



**Viveros de café**



# Septic Tank-SSF Constructed Wetland-Fish Lagoon-Irrigated Coffee Fields

- 5,000 lpd
- Emergent plant: Calla lilies (*Zantedeschia Aethiopica*)
- Tilapias



Fosa Séptica (8,000 litros)



Humedal de Flujo Subsuperficial (24 m<sup>2</sup>)



*Alcatraces (Zantedeschia aethiopica)*



Effluent discharge in coffee fields

# Trying to do research in Mexico?



# Research Areas

- Wastewater treatment with natural systems (ecological engineering)
- Emergy analysis
- Tropical conservation and development
- Others ?