

The image features a soft-focus background of green foliage. In the top-left and top-right corners, there are clusters of bright green leaves, some in sharp focus and others blurred. The central area of the image is a lighter, out-of-focus green. The title text is centered in this area.

# **An Ecological Sanitation Project in Madi Village**

**Toilet**

→ **Surya Prajapati & Steen Poulsen**

A solid, horizontal green bar spans the entire width of the image at the bottom, providing a visual base for the slide.

# **Need of Project**

- **Village of Farmers.**
- **Inadequate sanitation infrastructure.**
- **Low Income.**

# What is EcoSan Toilet??

- Toilet with **Zero** waste

OR Toilet as **Fertilizer Factory**

- Sustainable.



"बारीको पेटमा। पेटको बारीमा।"





# EcoSan Toilet Type

- **Wet Type**

- ✓ Separation of Urine.
- ✓ Water needed for flushing.
- ✓ Only Urine as Fertilizer.
- ✓ Anal cleansing water goes into excreta tank.

- **Dry Type**

- ✓ Separation of Urine.
- ✓ No need of flushing.
- ✓ Reuse of both Urine and Solid Waste.
- ✓ Separation of Excreta and anal cleansing water.

# Toilet papers





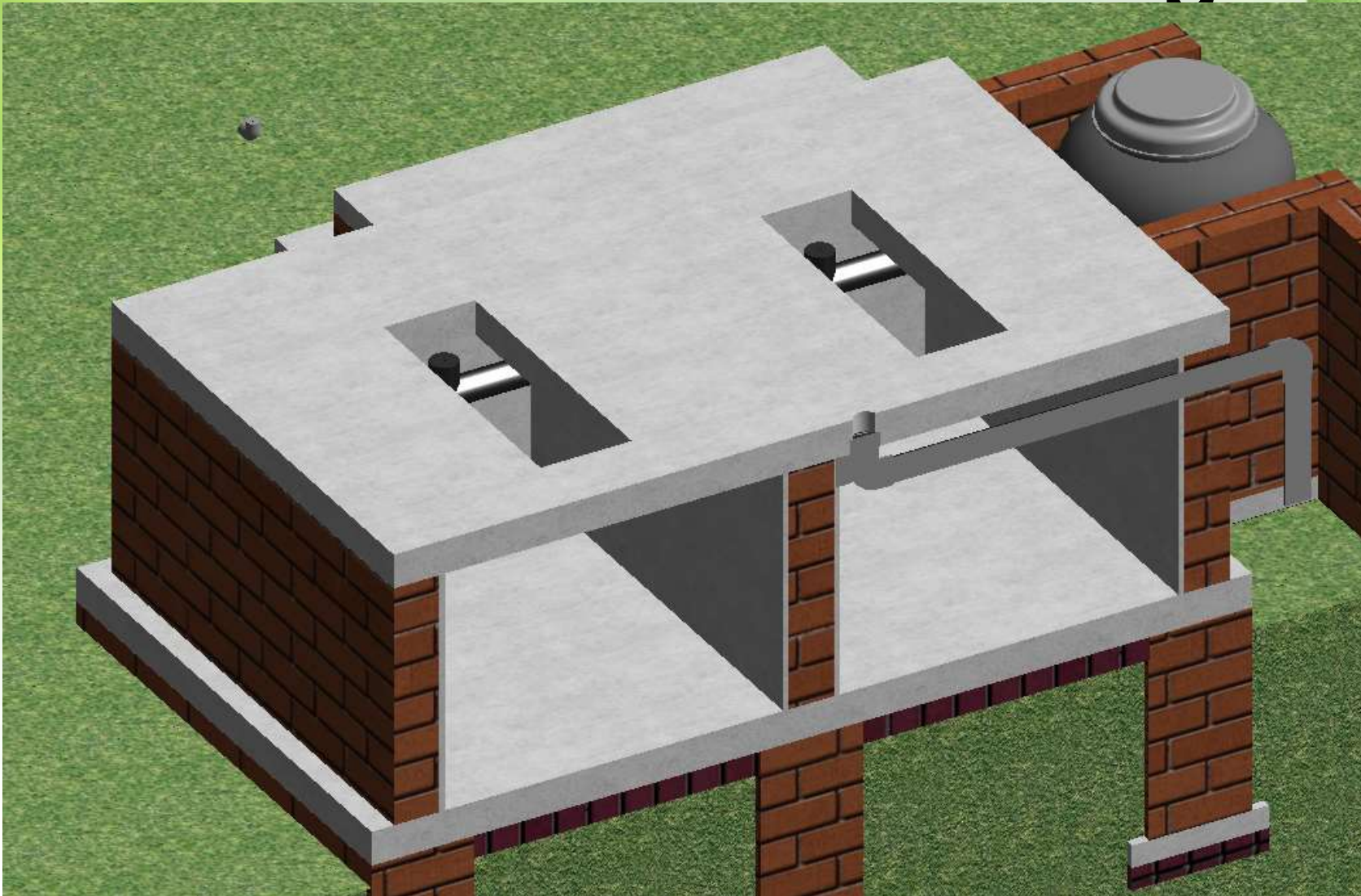


# Madi EcoSan Toilet Design



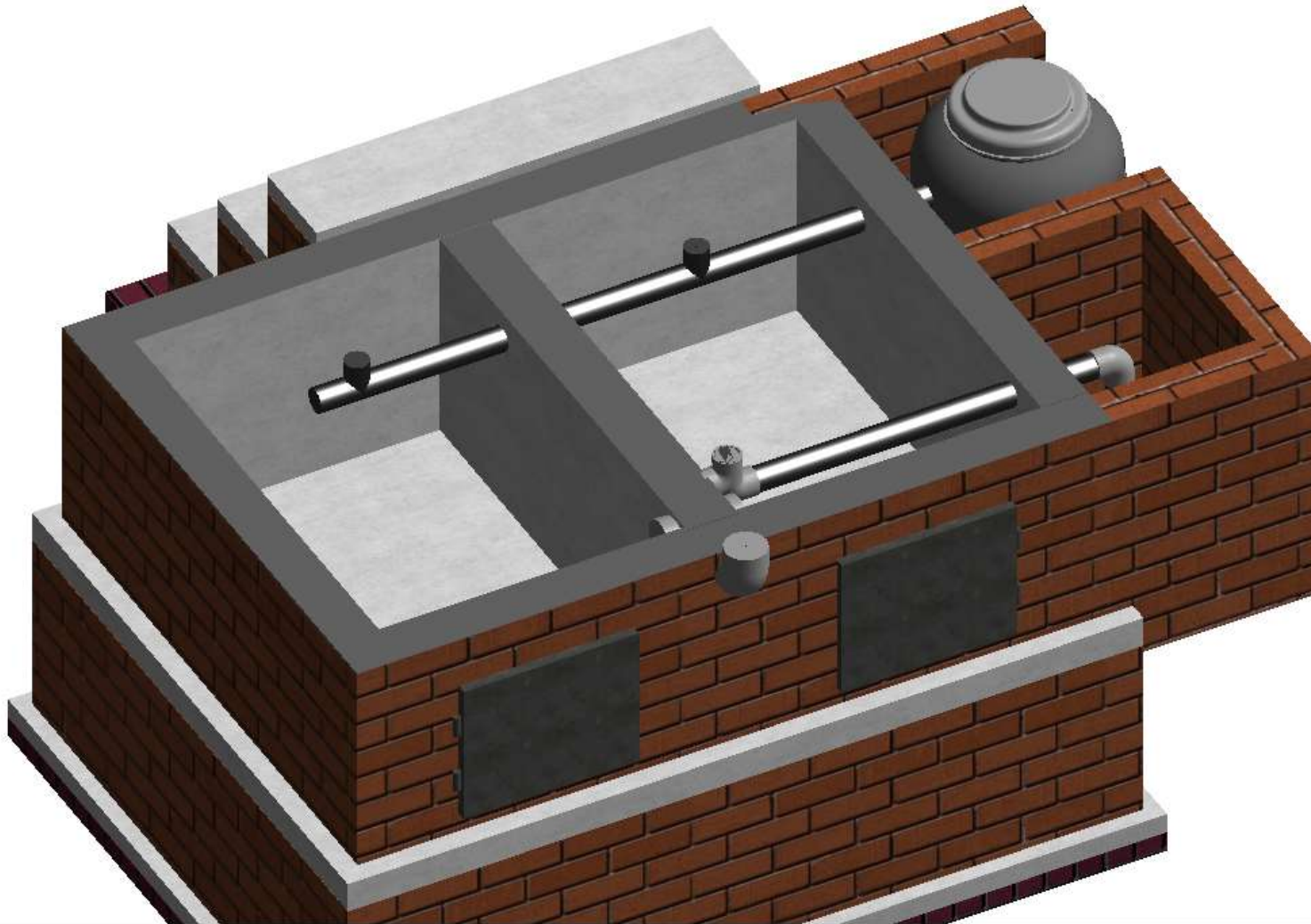


# Madi EcoSan Toilet Design





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# Benefits of EcoSan



# Benefits of EcoSan



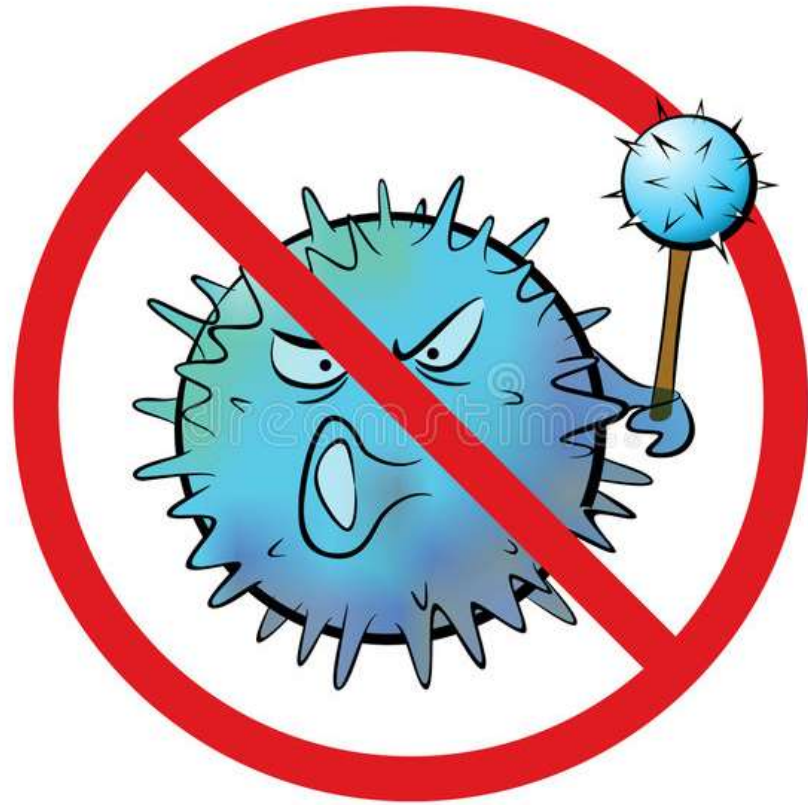


# Benefits of EcoSan





# Benefits of EcoSan



# Community Involvement

- Toilet Group in Madi.
- Beneficiary Selection (Realization from Madi Trip)
- Design Discussion and Awareness.
- Financial Contribution (25% self).
- Leadership in Construction and Implementation.

**Not for Free**





Surya Prajapati & Steen Poulsen





Surya Prajapati & Steen Poulsen







# SUSTAINABLE DEVELOPMENT GOALS

**3** GOOD HEALTH  
AND WELL-BEING



**6** CLEAN WATER  
AND SANITATION



**8** DECENT WORK AND  
ECONOMIC GROWTH



**9** INDUSTRY, INNOVATION  
AND INFRASTRUCTURE



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



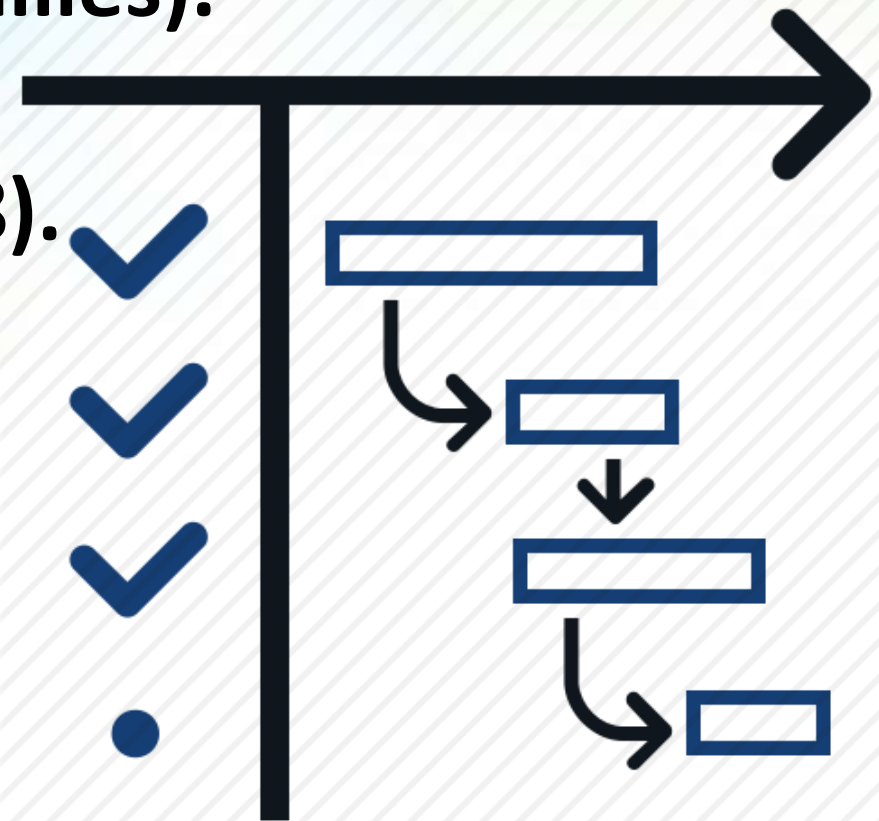
**17** PARTNERSHIPS  
FOR THE GOALS





# Project Plan for Pilot Project

- Selection of Beneficiaries (17 families).
- Design and Budgeting (May, 2018).
- LOI signing(July, 2018).
- Kickstart (September, 2018).



# Formula for Project Success

- Continued Awareness on its Usage and benefits.
- Talk more about Sh\*t.





# Associated Income generation Scope

- Ecological Interlocking Brick Production



A large, stylized black outline of the letter 'P' is centered on the page. Inside the vertical stem of the 'P', the words 'Thank You' are written in a bold, black, sans-serif font, stacked vertically. The background of the slide is a soft-focus image of green leaves, with a light green to white gradient. A solid green horizontal bar is at the bottom.

**Thank  
You**

**Surya Prajapati & Steen Poulsen**