

SANISMART RECYCLER



“PRECISION IN DESIGN, EXCELLENCE IN HYGIENE. OUR DISPOSAL MACHINE SETS A NEW STANDARD FOR CLEANLINESS AND CONVENIENCE. CREATING SUSTAINIBILITY IN EVERY CYCLE.”



CONTACT DETAILS

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TEAM

1. Manasvi Ghadge - Co-Founder & CEO

Suitability: Extensive experience in hackathons with a proven track record of leadership and growth.

Equity: 25%

2. Vedant Bherde - Co-Founder & CTO

Suitability: Expert in product development and technological innovation , with product excellence.

Equity: 25%

3. Shravani Bhamare- Co-Founder & CMO

Suitability: Strong background in marketing , with success in relevant campaigns .

Equity-25%

4. Harsha Jadhav- Co-Founder & CFO

Suitability: Skilled in accounting, with a history of startup experience.

Equity: 25%

➤ *The Menstrual Waste Crisis in India:*

Annual Usage:

India uses about 12 billion sanitary napkins annually, with each woman using around 8 pads per menstrual cycle.

Improper Disposal:

98% of these pads are improperly discarded in water bodies and landfills.

Environmental Impact:

Improper disposal leads to sewage blockages and environmental pollution.

Health Risks:

Current disposal methods, such as burning or dumping, contribute to greenhouse gas emissions and pollution, posing health risks to waste handlers and communities.

The Issue of Sanitary Pad Disposal

Improper disposal of sanitary pads harms the environment and public health.

Annually, 12.3 billion pads generate 113,000 tons of waste.

India produces nearly 12 billion disposable, mostly non-biodegradable, sanitary napkins each year.



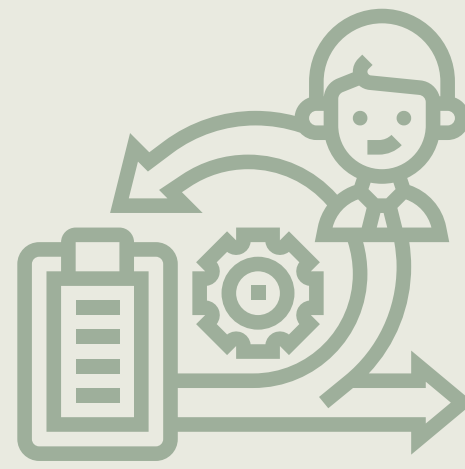
OUR MISSION

➤ *A Solution through Innovation:*

- We propose creating a prototype recycling machine, "SANISMART RECYCLER," to efficiently separate plastic and cellulose in used sanitary pads.
- This eco-friendly solution aims to sustainably manage menstrual waste, reduce environmental impact, and promote a healthier future.



Product Overview



- **Design and Implementation of Sanitary Waste Disposal Bin equipped with appropriate liners and seals to contain sanitary waste safely.**
- **Development of Sanitary Waste Recycler Machine capable of segregating, disinfecting, and recycling sanitary waste materials.**
- **Assessing the performance of the disposal bin and recycler machine in terms of waste containment, segregation accuracy, disinfection efficacy, and recycling efficiency**



Referred from healthcare radius

BUSINESS MODEL

Bin distribution
in two ways: Domestic and
large scale (airports, malls)



Collection of
bin waste (used pads)



Unrefined endproducts ;
cellulose (wood pulp)
and plastic.



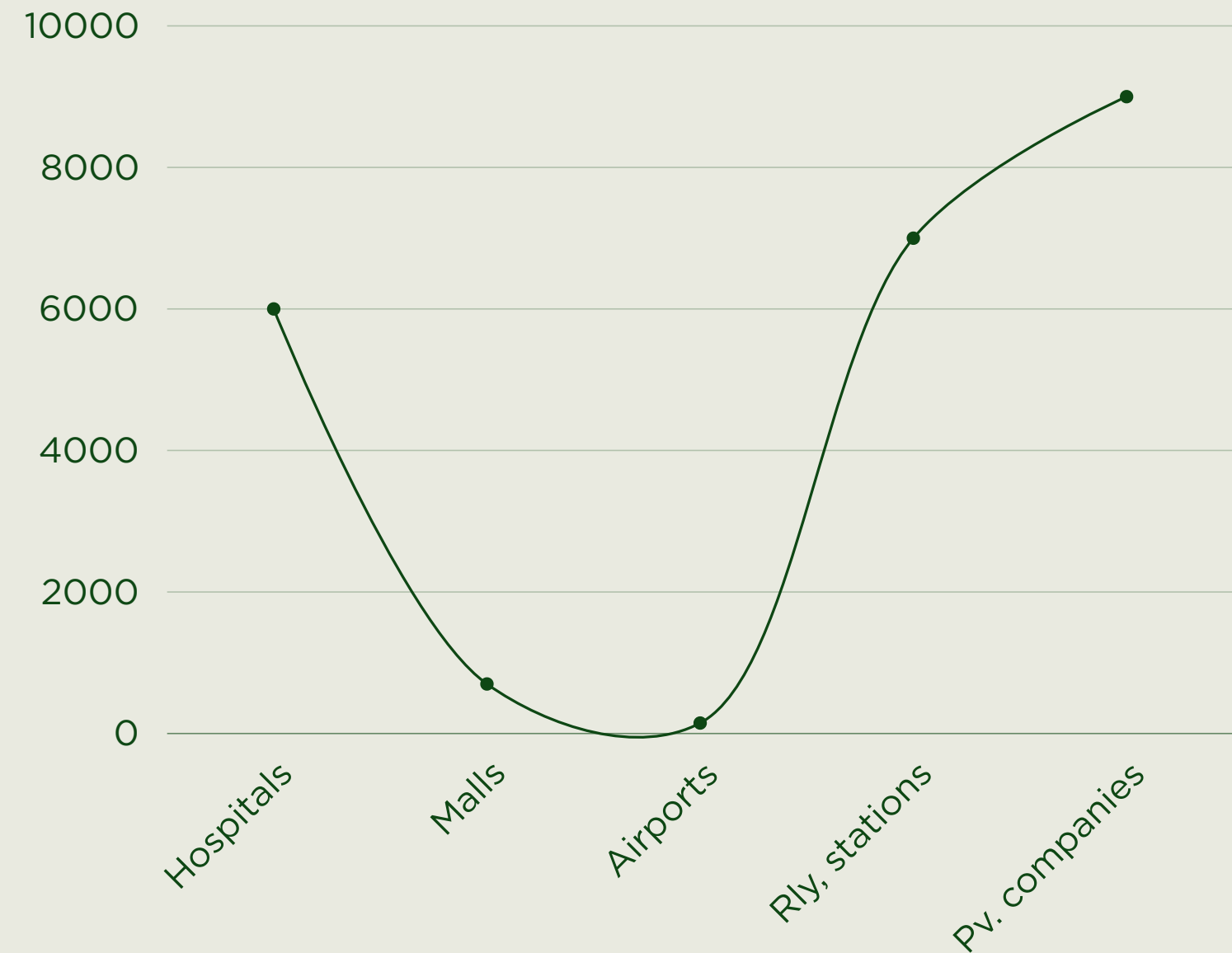
Waste upcycle
in "Sanismart
Recycler"

SIZE OF MARKET OPPORTUNITIES

- In India as of recent data, an average of **200-300 pads** are used **per year**.
- There are approximately **350 million menstruating women** which estimates to about **50%** of them using sanitary pads (**175 million**).
- If we assume that with proper awareness and availability, a reasonable amount of *20-30%* i.e *35-87.5 million* of these women might consistently use our bins.
- Price for a local bin is **800 rupees** which would be sold domestically.
- Also automated bins from large scale revenues like airports, hospitals, malls, railway stations and private companies like (Reliance, Tata, etc) would be purchased. Price for such bins is **2000 rupees**.

LARGE SCALE REVENUERS IN INDIA

- No. of Hospitals - 69k
- No. of Malls - 600-700
- No. of Railway Stations- 7k
- No. of Airports - 148



COMPETITORS

PADCARE

PadCare Labs in India offers menstrual hygiene services and created the first decentralized chemo-mechanical system.


SZW

Saahas Zero Waste is an environmental enterprise providing waste management, EPR, consultancy services, and promoting upcycled products.

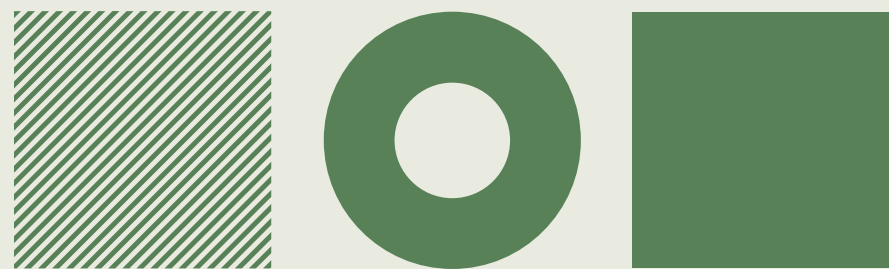
Vermigold Tech

Vermigold Ecotech is a cleantech waste management technology company. They design organic composting

We are presently engaged in the development and manufacturing of our recycling machine “SANISMART RECYCLER” accompanied by experimental efforts aimed at upcycling used sanitary pads, a project that commenced approximately six months ago and is currently focused on product research.



"Catalyze Success: Investing in Vision, Creating Value"



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- In India, improper menstrual waste disposal leads to serious environmental and health issues.
 - Our project offers a solution by recycling this waste through a shredding process, avoiding harmful incineration emissions.
 - We seek funding to advance eco-friendly menstrual products, build efficient waste management systems, and launch educational campaigns.
 - Your investment will drive impactful change, promote sustainable practices, and improve public health and the environment.
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Thank you.



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