FabLoo Pvt. Ltd

LOOLOO NO. 1

A SELF SUSTAINABLE TOILET SOLUTION FOR SMART CITIES

Website: www.basicsshit.org
The problem with Public Toilets Today:

- Dirty washrooms with unhygienic sanitary conditions.
- No continuous supply of water.
- Toxic Smell and lack of ventilation.
- Use of the wrong material such as ceramic in the public convenience environment.
  - The "Ceramic" material starts to wreak and is much harder to sanitize.
  - The use of cheap pipes that often rip due to the acid from the urine.
- Lack of security.
- Poor Maintenance standards.
The problem with Public Toilets Today:
THE SOLUTION

Maintenance Area

Top

Back

URINE
USE IT OR LOSE IT

Right

Left

P-tree

P-Tree

FabLoo Pvt. Ltd
Public urination is a major problem of the cities today. Basicshit has a vision to address public sanitation related issues starting with home city New Delhi, India.

Problem Statement

The main issue in congested public spaces is the lack of clean + functioning toilets.

- This leads to open urination by mostly male users, affecting the spaces and its citizens directly /indirectly.
- Women find it difficult as there are no safe, convenient and hygienic toilets for them.
- Senior citizens and children struggle due to this lack of functional + poorly designed toilets.

Innovation Rationale

Our prime target area for implementation is in high congested, cramped and dirty spaces within the city, where a pre-existing government authorized urinal system is no longer a viable option to construct or operate in the long term.
### Features of the restroom

<table>
<thead>
<tr>
<th>Easy to use for all ages</th>
<th>Reducing Pollution &amp; Save water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coin operated doors</td>
<td>Physically handicap friendly</td>
</tr>
<tr>
<td>Create more jobs</td>
<td>Highly Ventilated</td>
</tr>
</tbody>
</table>

Adaptable and Replicable  
To Make Cities Greener  
Durable & low maintenance
Coin Operated doors

- Easy and accurate way to track daily users
- Privacy & safe
- More hygienic way to collect money

Design - features

Insert coin to use the toilet
OUR DESIGN APPROACH FOR PUBLIC URINAL SPACES

At every use we save up to 1 litre of water.

Urinal with hand wash and foot flush

Integrated handwash

Foot operated pedal for tap
**Inflow of cash**

1 DAY

<table>
<thead>
<tr>
<th>500 MIN ONE DAY USERS</th>
<th>15000 PER MONTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLLECTION PER DAY</td>
<td>COLLECTION PER MONTH</td>
</tr>
<tr>
<td>₹ 1000/-</td>
<td>₹ 30,000/-</td>
</tr>
</tbody>
</table>

**OUTSIDE ADVERTISEMENT POTENTIAL**

**INSIDE ADVERTISEMENT POTENTIAL**

**500 Lt OF URINE PER DAY**

<table>
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<tr>
<th>15000 LITER PER MONTH</th>
</tr>
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<tbody>
<tr>
<td>COLLECTION PER DAY</td>
</tr>
<tr>
<td>₹ ONE PERSON PEE AROUND 300 ML</td>
</tr>
<tr>
<td>FOR GREEN CITY</td>
</tr>
<tr>
<td>CAN BE USED FOR PRODUCTION UREA</td>
</tr>
<tr>
<td>FOR PRODUCTION ELECTRICITY</td>
</tr>
</tbody>
</table>

**SOCIAL BUSINESS**

FabLoo Pvt. Ltd

**Impact**

- Lesser Burden to Sewage
- Saving water
- Generating Employment
- Women Safety
- Greener City
- Reducing Pollution

**Generating POTENTIAL**

- Saving water
- Women Safety
- Greener City
- Reducing Pollution

**FabLoo Pvt. Ltd**
Why LooLoo No. 1?

- Odourless Urinal, clean & hygenic
- Foot operated flush pedal
- Efficiency and saving via common source of water for hand wash and flush
- Stainless steel 304 urinal - Easy to clean, Last forever, Heavy duty & Rust proof.
- Self sustainable washroom design.
## Other Toilet Vs LooLoo No. 1

<table>
<thead>
<tr>
<th>S.No</th>
<th>Features</th>
<th>Namma Toilet</th>
<th>E- Ram Sanitific</th>
<th>LooLoo No.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>No of seats</td>
<td>(1+2) - flexibility</td>
<td>1 - Unit</td>
<td>(2+1) - flexibility</td>
</tr>
<tr>
<td>2</td>
<td>Cost (Rs in lakhs)</td>
<td>8.50 lakhs</td>
<td>4.5 - 5 lakhs</td>
<td>3 lakhs</td>
</tr>
<tr>
<td>3</td>
<td>Material of Construction</td>
<td>Composite Material</td>
<td>Composite Material - ss</td>
<td>Composite Material - ss- 304</td>
</tr>
<tr>
<td>4</td>
<td>Doors and Ventilators</td>
<td>Stainless steel/ Composite Material</td>
<td>Stainless steel/ Composite Material</td>
<td>Stainless steel/ Composite Material</td>
</tr>
<tr>
<td>5</td>
<td>Toilet for Physically challenged</td>
<td>Provision made for physically challenged/ elderly person</td>
<td>Provision made for physically challenged/ elderly person</td>
<td>Provision made for physically challenged/ elderly person/ child</td>
</tr>
<tr>
<td>6</td>
<td>Lighting</td>
<td>Solar power( in built) with motion sensor</td>
<td>Solar power( in built) with motion sensor</td>
<td>Solar power( in built) with motion sensor</td>
</tr>
<tr>
<td>7</td>
<td>Flushing with water</td>
<td>Automatic flushing tank with knob for flushing inside the toilet</td>
<td>Automatic flushing</td>
<td>Foot Operted pedal</td>
</tr>
<tr>
<td>8</td>
<td>Period of Construction</td>
<td>2 mouths - Waste water treatment system alone require time</td>
<td>15 Days</td>
<td>5 Days</td>
</tr>
</tbody>
</table>

Contd...
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</thead>
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<tr>
<td>9</td>
<td>O &amp; M</td>
<td>By the Contractor who constructed the toilet complex for seven years</td>
<td>Self Maintain</td>
<td>Hybrid of Self Maintain and periodic maintenance by our own LooLoo Maintenance team.</td>
</tr>
<tr>
<td>10</td>
<td>User fee</td>
<td>No fees .. Free of cost</td>
<td>No fees .. Free of cost</td>
<td>Pay Urinal Rs 2/- per user. With this fee, we subsidize the cost of the toilet by 50%</td>
</tr>
<tr>
<td>11</td>
<td>Working hours</td>
<td>24 hours</td>
<td>24 hours</td>
<td>24 hours</td>
</tr>
<tr>
<td>12</td>
<td>Advertisement</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>13</td>
<td>Wi- Fi</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Thank you