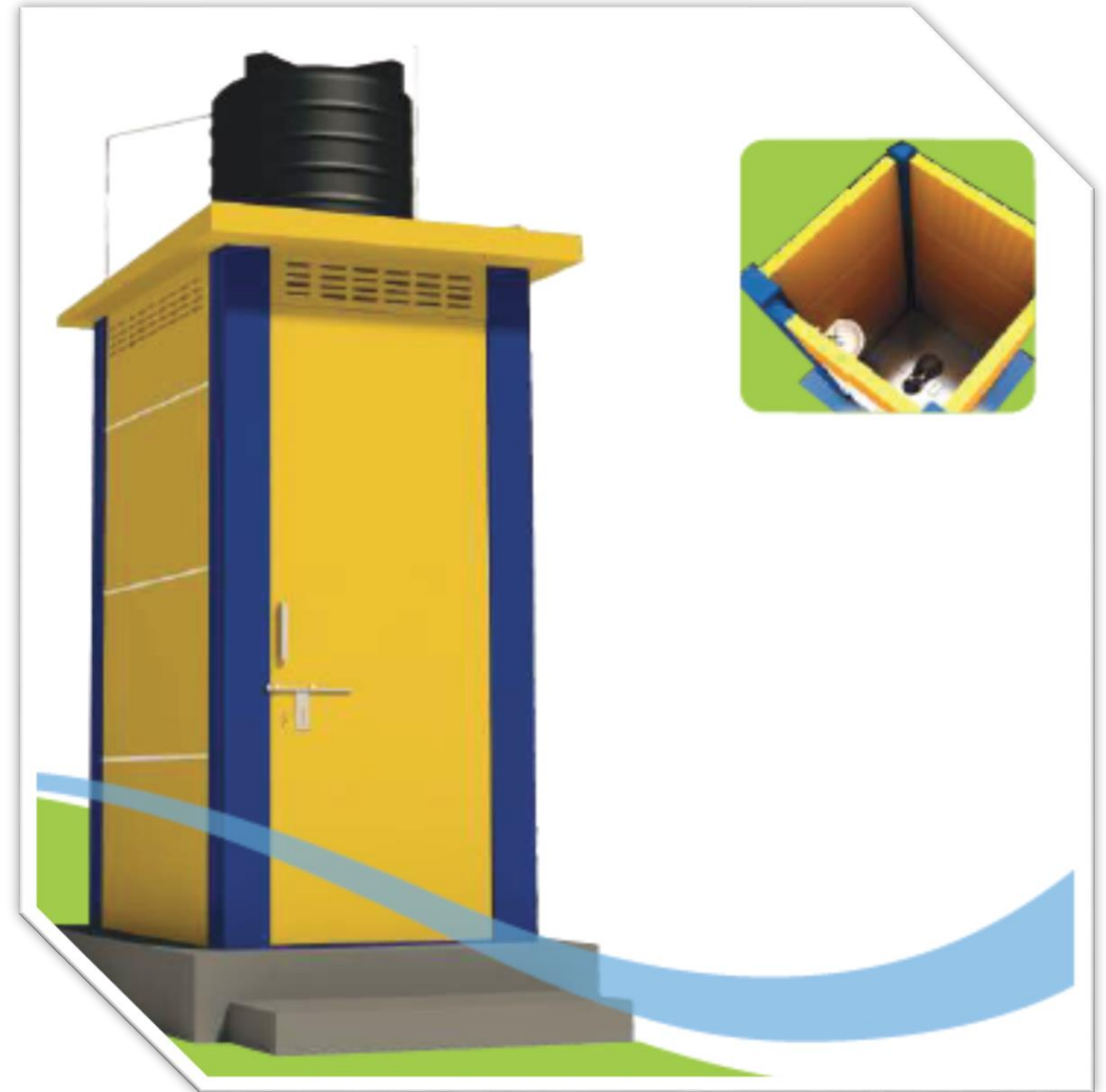




A turnkey community sanitation solution...



Municipal Corporations & government bodies



Served 45 Municipal corporations across the country

Corporates



Number of units installed to date: **5000**

~**2700** units in rural areas

20 states

EZYNEST FEATURES

Sandwich panels, made of 0.6mm thick powder coated Skin Passed Zero Spangled ROHS compliant Galvanized steel, with 32mm high density EPS (Expanded Polystyrene) insulation inside it, to make the toilet usage comfortable

The steel panels have a glossy colored finish and mounted on structures at 4 corners. The roof is also made of these steel panels

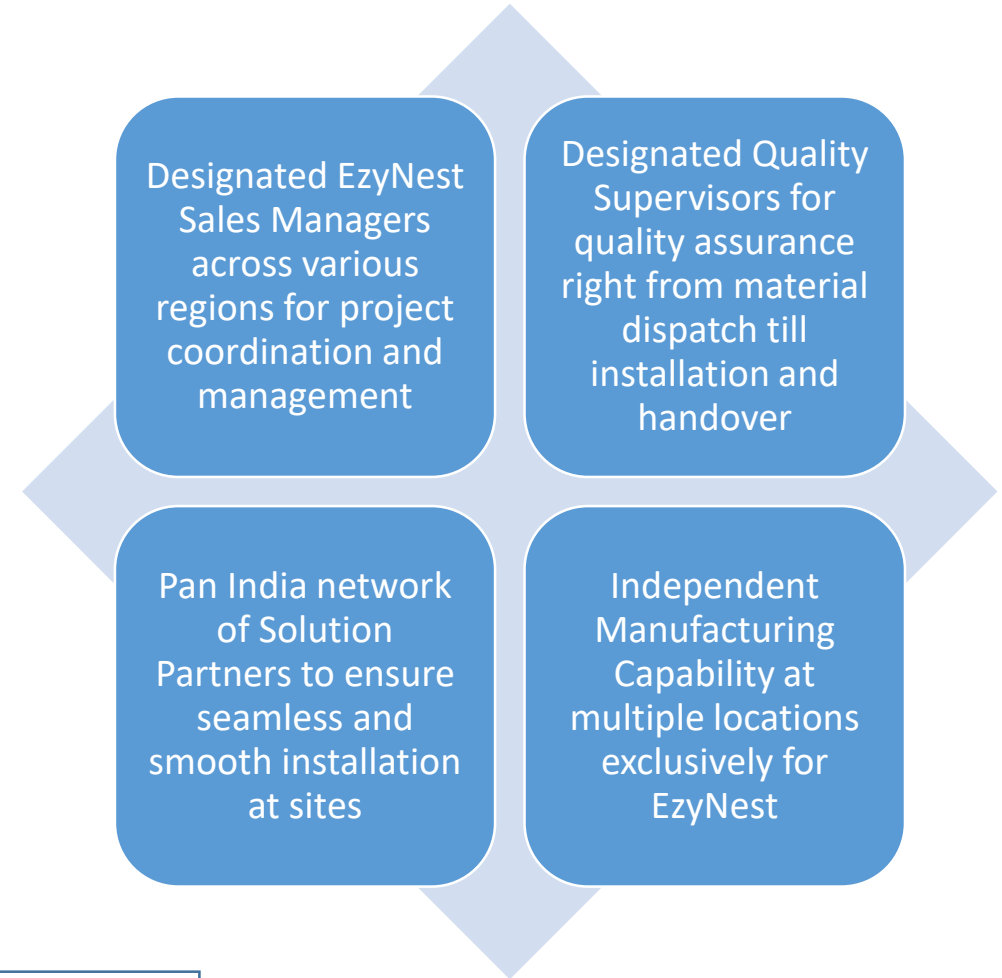
The modular toilet solution comes with Steel doors, ventilation (Louvres), foundation, and installation service



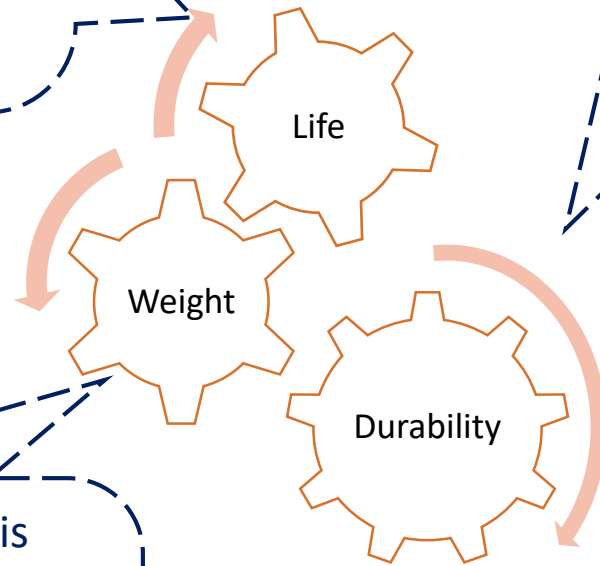
Benefit of having steel panel based construction is that the steel material is 100% recyclable



Nest-In is eco-friendly in the sense that the construction process is almost dry and does not waste resources or pollute the environment to the extent the conventional building methods do



- Life of the structure is a function of **durability and stability**
- Stability of the structure increases when the ratio of the substructure to superstructure is high
- Ratio for EzyNest: $2600/200=13$
- Ratio for Brick and Mortar solution: $2600/1600 = 1.625$



- The weight of the super structure is **~200 kilos as compared to a brick and mortar super structure which weighs around 1600 kilos utilizing ~350 bricks**
 - 1 Cubic Meter Is Equivalent To 445 Bricks which weighs around 2000 kilos

- Durability of the structure is a function of the durability of its components
- Paint: **Salt spray test** is a popular method of corrosion.
 - Number of years of corrosion resistance = Number of hours of SST/100 *3
 - **Yellow paint** SST -> 500 hours; No. of years = **15 years**
 - **Blue paint** SST -> 1000 hours; No of years = **30 years**
- **Steel:** Being an extremely ductile component, the structure will not be brittle under extremely high external forces. Steel has a yield tensile ratio of approximately 0.93

Parameters of comparison	Brick and mortal toilet	EzyNest
Portability	Immovable	Can be dismantled
Ease of installation	Multiple vendors	Single window solution
Construction Time	20 days	7 days
External Aesthetics	Workmanship dependent	Standard & Elegant
Internal Finish	Exposed & disjointed	Embedded & concealed fittings

A 2 year old
brick and mortar
toilet



A 2 year old
EzyNest
A Tata Steel Product



Available in Western & Indian style



Foundation



Wash Basin



Water Tank



Exhaust Fan



Hand Railing



High Wash Basin



Slope Entry

Solution Partners

- Highly motivated partners with long term relationship with TATA Steel
- Distributors with businesses of over INR 20 crores per annum
- Trained team of civil engineers, project managers and day laborers employed by each partner

**Reliability &
quality
commitment**

**Extensive
TATA Steel
ecosystem**

**Loyalty to
TATA Steel
and its
customers**

**Rural &
urban
experience**

**Technically
sound
execution
teams**

TATA Steel M&S Team

- A good mix of business professionals and technical experts
- Timely response and professional execution
- Highly qualified professionals are directly accountable for the project in their respective territories

EMAMI : CSR



MERCEDES BENZ : CSR



NESTLE: CSR





SAMBALPUR MUNICIPAL CORPORATION



SRISAILEM DEVASTHANAM



OUR WORK

VICTORIA MEMORIAL





EzyNest
A Tata Steel Product

CREATING A CHANGE
ONE STEP AT A TIME

THANK YOU