

# 10. INDIVIDUAL TOILETS FOR URBAN SLUMS – KAKINADA

*“A city that is economically vibrant, inclusive, livable & sustainable”*

– Vision of Kakinada, as mentioned in its Smart City Proposal (SCP)

## CONTEXT

Kakinada has a population of 312,538 according to census 2011; around 40% of the population is economically weaker and lives in slums, which has had deficient sanitation facilities.

Smart cities are expected to maintain high standards of cleanliness; however, Open defecation is prevalent in 382 out of 500 cities recently surveyed across India. Open defecation is not only a sanitation problem but also a social issue, which specially undermines the dignity of women. One of the aims of Swachh Bharat Mission is to aims to make India Open Defecation Free (ODF) The Smart City Mission also shares this vision and all Smart Cities are required to facilitate proper sanitation facilities for all sections of the society.

## THE INTERVENTION

### Project description

Kakinada Municipal Corporation aims to provide proper sanitation facilities to the poor citizens of the city dwellers. Under this agenda, a survey was conducted to assess the number of houses/ families in slum areas under Area Based Development (ABD), which do not have individual toilets. An appropriate location for the toilet within the dwelling unit was also identified. Subsequently individual toilets were constructed.

### Key outputs/ outcomes

Under this initiative, 508 individual toilets have been constructed in slum areas under Area Based Development (ABD). Each toilet has associated septic tanks, which will collect the waste for 20 years in normal circumstances. The project was completed in July 2016 and all constructed toilet are now in use.

## Impacts

The ABD area of Kakinada is now Open Defecation Free (ODF). There is a reduction in water borne diseases in the area; and dignity of dwellers, especially women is preserved, as they do not need to go out of their premises for defecation. The project has contributed to Kakinada being judged as the cleanest city in population 2 to 10 lakh category in South India for the 'Swachh Survekshan Awards 2017'.

## Support and mobilized resources

The project has an outlay of INR 76 lakh, and has been financed through convergence, where Swachh Bharat Mission has contributed funds.



Toilets build in the ABD area in Kakinada