



Transformation in built environment



Impact of One Home One Toilet program on Housing in Pune slums

Shelter Associates (SA) has been implementing its 'One home one toilet' program in slums within Pune and Pimpri Chinchwad Municipal Corporation. The projects are being implemented on a cost sharing model where the construction materials are provided by SA and the families supervise and build the toilet at their own cost. It was identified the toilet program is also creating positive housing impacts. We undertake to observe in particular slums where Shelter associates has been facilitating toilet construction in homes, a number of incremental changes were observed.

By the year 2019 the Swachh Bharat Mission aims to make India open-defecation free. Supporting this goal Shelter associates has been implementing its One Home one toilet scheme in the slums of Pune and Pimpri Chinchwad funded through corporate social responsibility (CSR) and has efficiently constructed --- number of toilets in the year 2016 itself.

Random cases from two slums Ambedkarnagar and Prem Nagar were taken up to observe the incremental changes in the homes. These changes

were initiated due to the toilet program and have led to reconstruction of part homes or entire homes in the slums.

In Ambedkarnagar **most houses are kuccha** that is made of tin sheets. When the toilet program was initiated the beneficiaries were free to choose where they want the toilet to be built. This helped them to reconstruct the internal space as well as make changes in the facades to improve them from kuccha to pucca homes.



When materials were delivered

In 3 days

In 1 week

Changes in house no. 1654, Ambedkarnagar

In house 1654 the toilet was built in place of the initial washing area. One external wall was rebuilt along with the toilet improving internal space.



Before intervention

In 1 week

After 2 weeks

Changes in House no. 1509, 1508, Ambedkarnagar.

In house no. 1509 the external wall was used for the toilet. After seeing the toilet being constructed house no. 1508 also decided to build it.



Before intervention

After intervention

Changes in house number 1529, Ambedkarnagar.

Transformation from homes to streets : Prem Nagar

In another settlement in Premnagar the dwellers of house number 667 started renovating their home on account of the toilet provided. After that 7 other homes (668,669,670,671,672,674,675) in the same street followed suit and upgraded their homes in similar manner. Some homes have intelligently

built a floor space and not used any additional external space. The street section has completely transformed and also the drainage chambers have been cleaned, cemented and set in place on the street. The residents have spent upto Rs. 4,00,000/- for the renovations and are happy with the process and toilet initiative taken by Shelter associates.



One of the renovated kitchen and toilet space in Prem nagar in house number 668.



The street in Prem Nagar where 8 homes next to each other were upgraded after initiating the toilet program.

Conclusions: The one home one toilet initiative is certainly creating positive changes in the houses and built environment of the slums along with sanitation. Some houses have reconstructed entirely from metal sheets to pucca 4 walls. This has certainly improved the situation of homes in extreme weather conditions. The nationwide housing for all scheme envisions “every family will have a pucca house with water connection, toilet facilities, 24x7 electricity supply and access” by 2022. The toilet initiative is already creating such impact in its own way and needs to be evaluated from these perspectives.