

WEALTH FROM WASTE Leh, Jammu & Kashmir



Located in a cold desert and endowed with positive landscapes, the destrict of Leh is well known for its colorida and unique culture. Economy is traditionally based on agriculture, horticulture and animal handardy. However, over the past decade tomism has gardually become the animatry of the economy of Leh. Tounist arrivals supassed 3 Lablas in year 2015. With rapid ubmatures opsured by the growth in tourism, solid waste manusen has emerged as a new challenge for administrations of 11th Febr unstructed in word have posed a serious therest to the district's fragile ecology.

This emerging excension prompted the launch of Popier Tangle (meaning 'cleantiness' in Ladabhi language). Launched in December 2017, the oblegiver of the project was to ensure usstainable disposal of urban sold waste to as to protect and preserve this environmentally disposal of urban sold waste to as to protect and preserve the environmental progeneral Department of the Leh district.

From one waste seegagestion center in 2017, the project has been

From one waste segregation center in 2017, the project has been expanded to 4 such centers that are now running successfully at Choglamst, Disker (Nubra), Khaltse and Nimoo. A total of 2034 units, including 1174 households and 863 shops, have been covered under the project to take its benefits to about 15,000 individuals.

under the project to take its benefits to about 15,000 individuals. In the first year of the operations of the project, a total of 81,350 Kg, of waste has been handled for recycling and cruse Of this, 77,000 Kg, was day usate. The waste collected under the project, which would have otherwise political the waste broke postsure lands and damaged the cosystem, has been put to use in various innovitive ways to cater to local needs. The project activities have already begun to generate revenue from sale of waste muterial to recyclers. These each flows, in addition to the set refer that are collected from beneficiars, or the way to make waste segregation centers self swistniable.

the way to make wate segregation centres self sustainable.

After collection, the segregated water is brought to the Secondary
Segregation Centre, where it is further segregated in approximately 200
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OBJECTIVES

- PROTECT AN ECOLOGICALLY FRAGLIE REGION FROM BEING OVER RUN BY URBAN WASTE.
- TO MAKE SOLID WASTE MANAGEMENT A SELF SUSTAINING ENTERPRISE.
- TO NURTURE ETHOS OF REDUCE, REUSE and recycle amongst inhabitants.
- TO SET AN EXAMPLE FOR OTHER Similar Landscapes to adopt and improvise.

claddings for soundproofing, cotton clothes as filling for mattresses and recycled paper for envelopes etc.

Intuitions and recipion prices to entercape etc.

In the category of day waste, single use polythene has had the maximum share. Though the district administration is taking adequate measures to cuts single use plastic, such taking adequate measures to cuts single use plastic, such waste shall be used in construction of roads after mixing with bitmens from this working season. The tetra packs discarded by locals and tourists are being used to make ply boards for the furniture industry and human hair are used as an organic ferfilled.

OUTCOMES

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Project Tanglash has focused exclusively on management of solid waste leading to an integrated, participative and sestainable approach towards waste management. This is while also combating and overcoming unique challenges like extreme cold integratures (as low as 20°C-clissis), bow limitifier, high altitude and intellequate funding. Community participation based on sentilation and awareness has played a major role in project's outcomes.

The success of waste management centres has largely been due to financial model based on user fees paid by the beneficiaries. The project has also generated

employment for locals as segregation workers, drivers and centre supervisors. Overall, it has brought about a visible improvement in the cleanliness of the areas, not just land but also water bodies.

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Another important busefits of the project are the forward and backward fluslages it has created in waste collection and segregation chains. While households are being encouraged to segregate and use opping waste at the household level instift, market linkages are being provided for the day water as described ender in examples of reuse and recycling. Project Tanagha has also led to tangible positive behavioral changes in the coll soriest. The market associations, women's groups, panchaytes more play a proutiere to the continuously assurances and modeliants, and the project associations, women's groups, panchaytes more play a proutiere to the continuously assurances and modeliants. And the continuously assurances and modeliants have been discovered and adopted by the Position Community.

This integrated approach to management of solid waster has led to resource conservation and a visible change in the markets and localities and water bodies where the project is operating.