



**OFFICE OF THE ROURKELA MUNICIPAL CORPORATION**  
**UDITNAGAR, ROURKELA, ODISHA-769012**  
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**Letter No. 15835**

**Date. 10.12.2021**

**Public Notice**

It is to inform you that the Ministry of Housing and Urban Affairs, Govt. of India launched "Swachh Technology Challenge" on 06.12.2021, a first time initiative component in Swachh Survekshan 2022 to promote an enabling environment for enterprise (IT solutions) development in waste management sector. The Rourkela Municipal Corporation (RMC) is conducting the challenge at city level to provide efficient and effective sanitation service to its citizen by inviting innovation solutions/ proposals from individuals, start-ups, companies, academic institutions, CSOs, parastatals, etc. The proposal to be submitted on or before 25<sup>th</sup> December, 2021 by 1.00 PM.

The thematic areas for the challenge include:

1. Social Inclusion
2. Zero Dump
3. Plastic Waste Management
4. Transparency

The outcome is:

- Top solutions from start-ups can participate in "Swachhata Start-up Challenge".
- Top 3 solutions in each of the thematic area across the country will be felicitated with an award in the Swachh Survekshan Award ceremony.

The innovation solutions/ proposals to be submitted through E-mail ID: [rourkelamunicipality@gmail.com](mailto:rourkelamunicipality@gmail.com) along with Name and contact details by writing "Swachh Technology Challenge" in the subject line.

*The details are attached.*

**Dy. Commissioner**  
**Rourkela Municipal Corporation**

# SWACHH TECHNOLOGY CHALLENGE

# Swachhata Start-up Challenge- 2022

01

MoHUA to release the '**Swachhata Start-up Challenge**' in collaboration with Agence Française de Développement (AFD) in **January 2022**

02

The challenge will **evaluate and select** innovative **start-ups** and reward with financial support, mentoring and national/ international visibility

03

**Up to 10 selected projects** could receive seed funding of approx. **₹ 25 Lakhs per selected project** and **1 year** dedicated incubation support from French Tech

04

The thematic areas for the challenge include:

- i) Social Inclusion***
- ii) Zero Dump***
- iii) Plastic Waste Management***
- iv) Transparency***

S. No.	Solution Area	Type of Solution (not limited to)
1	<b>Social Inclusion</b> (Resulting in better working condition for sanitation workers and waste pickers)	<ul style="list-style-type: none"> <li>• Social innovations for improved <b>waste collection and management</b> in low-income settlements</li> <li>• Low-cost efficient mechanical solutions for cleaning septic tanks and sewer lines (<b>Manhole to machine hole</b>)</li> <li>• Efficient <b>operation and maintenance of community and public toilets</b> in a hygienic and sustainable manner</li> <li>• Safe containment, evacuation, transportation, <b>processing and disposal of used water and fecal sludge &amp; septage</b></li> </ul>
2	<b>Zero Dump</b>	<ul style="list-style-type: none"> <li>• Innovative solutions for <b>tracking segregated door-to-door collection</b> solid waste</li> <li>• <b>Processing and recycling</b> of all segregated fractions of Solid Waste</li> <li>• <b>Low-cost portable solution for remediation of legacy dumpsites</b></li> </ul>

S. No.	Solution Area	Type of Solution (not limited to)
3	<b>Plastic Waste Management</b>	<ul style="list-style-type: none"> <li>• Solution of <b>processing and recycling of plastic waste</b></li> <li>• Solutions to <b>minimize degradation of plastic</b> during recycling</li> <li>• <b>Plastic waste management in eco-sensitive regions</b></li> <li>• Innovative methods for <b>collection of multi-layered plastic</b> and its disposal</li> <li>• Technology for <b>disposal of plastic from legacy dumpsites</b></li> <li>• <b>Alternatives of single use plastic</b></li> </ul>
4	<b>Transparency</b>	<ul style="list-style-type: none"> <li>• Digital solutions to check the <b>overflow of septic tanks and sewer lines</b></li> <li>• <b>Citizen engagement</b> including awareness creation and capacity building</li> <li>• IoT based solutions for <b>real time monitoring of operations</b> of Sanitation and Waste Management Infrastructure</li> </ul>