

TowaSo Private Limited

Steering Towards Solution.

A Pioneer Institute in waste manage Institute.

“Manage Your Waste Mindfully with TowaSo”

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TowaSo

Steering Towards Solution

(TowaSO)

Steering Towards Solutions

TowaSo is a premier institute of waste management field in Bihar and Jharkhand and provides the best possible and scientific solution to the existing waste related problems. TOWASO is

now extended its horizon into three categories and committed to make it available at lowest cost without compromising the quality.

ABOUT TOWASO: TOWASO (Total Waste Solution) is a start-up founded by two enthusiastic people Saurabh Kumar(IITian and AIESECer), Founder and CEO and Soni Kumari (Biologist, Postgraduate), Co - founder and COO which aims at providing a complete, effective and efficient solution to the waste generated in day to day life. TOWASO ensure END to End Municipal Solid Waste Management. TOWASO is interested in resource management, waste management and pollution reduction practices. TOWASO specializes in providing sustainable solutions for the waste collection, segregation, waste utilization through composting, Bio-Gas generation and recycling. Our byproducts of waste processing are valuable metals, Vermi (Organic) fertilizer, Bio-Gas, recycled paper and plastics. TOWASO doesn't discriminate on the basis of race, color, gender, sexual orientation, creed and religion, national, ethnic, or social origin.

OUR VISION:

'UTILIZATION OF RESOURCES BEFORE IT GETS WASTED'

OUR MISSION: To provide utilization solutions to every matter before it is wasted to have a better and sustainable growth.

THE WAY WE DO IT: TOWASO provides its clients with a complete packaged solution to waste management comprising from basic levels of waste segregation awareness to the expert level of resource management.

We work by keeping our five core values at the center point of all our activities:

- Activating responsibilities
- Enjoying participation
- Striving for excellence
- Demonstrating integrating

- Acting sustainably

OUR IMPACT: Our platform enables citizen to explore and develop resource management and waste management habits to have positive impact on the environment. Our unique way of IEC and awareness programs helps us achieving some impossible mile stones:

1. Successfully Cleared GVP of more than 50 years.
2. The Eco - brick initiative helps in reducing single use plastic.
3. Our Don't mix campaigns helped ULBs achieving the segregation 2 times easier and faster.
4. The waste management services helped the ULBs to achieve various recognition and certificates on State and National level.
5. The natural and easy to apply innovative ideas help in reducing water pollution.

AIMS AND OBJECTIVES

We are committed to environmental improvement and prevention of pollution. We work with our customers, suppliers and the community to adopt procedures that -

- utilize resources sustainably considering the need of present and future
- reduce waste through innovative work practices and recycling practices
- minimize environmental impacts by reduction of polluting substances produced
- minimize the impact of our operations on the neighboring community
- increase the use of environmentally acceptable materials, equipment and technology in place of those which are considered harmful
- ensure that our suppliers follow acceptable environmental policies, and actively promote environmental awareness among staff, clients, customers and the general

We started researching innovations in the waste management and waste to energy arena and soon began expanding our products and services.

Product Portfolio :

1. OWC : The Onsite Waste Composter(OWC) helps in converting the wet waste without any mess and hassle. The uniquely designed composter turn wet waste into valuable compost by controlling the temp rather than the other models which burns the wet waste into ass. The model is suitable for bulk waste generators like banquet halls/ marriage halls,hotels, resturants, big temples, dhabas, garden owners, farmers etc.
2. Turner : The Composter turner is designed operator friendly with high mixing power to provide sufficient aeration as well maintain the temp(mixing help in temperature control) to wet waste heap. The machine is necessary to integrated solid waste management plant, Big farm owners and horticulture department.
3. Biolave : Eco-friendly formulated toilet cleaner that cleans your toilet sheets naturally and less harmful when flushed down. Biolave contains no preservative, artificial colour artificial perfume. Its natural smell is sweet fruit like. Comes in a packaging of 500ml, 1lt and 5lt. Best suited if you are Hotels, Banquet halls, Sulabh Intenational Organization etc.
4. Trommels : The specially designed trommels which are perfect for both wet and dry waste to fit in the SWM plant help in efficient separation of waste. The cost effective, easy to operate machine driving towards the aim of attaining the zero waste plants. The efficient waste separation is key to revenue sources for the SWM plants.
5. Home composter : Onsource wet waste processing at household level requires a easy to operate composter with small space installation and process wet waste into valuable compost heap. The composter set comes with a pair of gloves, cocopeat, a small set of garden tool to start your composting right away.
6. Tooth Brush : Bamboo tooth brush is consumable product that is made out bamboo and eco-friendly. The soft bristles provide complete oral hygiene. The round body design of the brush make it easy to hold. Bamboo toothbrush comes in 5 variants with adult and kid section.
7. Air Quality monitoring system : NCAP schemes allows the cities to install Air Quality

Monitoring Systems to monitor the air quality and display it at public places. The low cost reliable AQMS comes with high quality digital display.

TowaSo Clients Details :

SI No.	Client base	Details of work
1.	Dhanbad Municipal Corporation	<ol style="list-style-type: none"> 1. Pilot project for Door to Door 2. Supply of compost turner
2.	Chas Municipal Corporation	<ol style="list-style-type: none"> 1. Documentation of SBM 2. Door to Door Garbage Collection work optimization 3. Installation of Bio-gas at DC office. 4. Consultancy in making plastic road
3.	Hazaribagh Municipal Corporation	<ol style="list-style-type: none"> 1. Supply of Incinerator 2. Supply of Vending machine
4.	Jamshedpur Municipal Corporation	<ol style="list-style-type: none"> 1. Door to Door Monitoring 2. IEC and BCC activities 3. SS, GFC, Safaimitra, Suraksha Challenge, ODF+ and ODF++ documentation
5.	Jugsalai Municipal Corporation	<ol style="list-style-type: none"> 1. Door to Door monitoring 2. IEC and BCC programs 3. SS and GFC, ODF+ documentation 4. Supply of Incinerator 5. Supply of Feedback Machine 6. Supply of Vending Machine 7. Supply of Home composter 8. Supply of Air Quality Monitoring System 9. Supply of Onsite Composter
6.	Deoghar Municipal Corporation	<ol style="list-style-type: none"> 1. SS, GFC documentation
7.	Chakulia Nagar panchayat	<ol style="list-style-type: none"> 1. Consultancy for Swachh Bharat Mission including Swachh survekshan, Garbage free ranking and ODF+
8.	Saraikela Nagar Panchyat	<ol style="list-style-type: none"> 1. Consultancy for Swachh Bharat Mission including Swachh survekshan, Garbage free ranking and ODF+

9.	Mango Municipal Corporation	1. Consultancy for Swachh Bharat Mission including Swachh survekshan, Garbage free ranking and ODF+ 2. Supply of Onsite Waste Composter 3. Supply of Air Quality Monitoring System 4. GPS system
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Team Profile :

About Towaso Pvt Ltd Consultancy for SS 2022 Towaso Pvt Ltd is a resource management company, started by an IITian, working in the field of waste management for more than five years. We are a team of environmentalist, town planner, zoologist specialized in solid waste management, sanitation services, IEC, urban planning, forest making, data handling and management. We provide best possible consultancy services to ULBs.

Sl. No.	Name of Team Member	Qualification	Designation
	Saurabh Kumar	M. Tech, Environment Science and Engineering, IITISM Dhanbad	Founder and CEO
	Soni Kumari	Post Graduate, Zoology(Entomologist spcl.), P.K.R.M College Being touched by the fact how human interference ruined the flora and fauna Soni Kumari with decided to pursue the challenge to start her career with waste management care. With her knowledge and persistent she did some remarkable job in monitoring door to door to bringing innovation and best practices on ground. She has expertise in SWM, Agrowaste management, IEC and BCC.	Co - Founder and COO

		Linkedin: https://www.linkedin.com/in/soni-kumari-9308a2b0 Email: Sonicrj03@gmail.com	
	Alok Kumar Skandh	MTEch, Urban Planner, BIT Mesra A passionate Civil Engineer and Urban Planner working in the field of Solid Waste Management. Developing layout for administrative and infrastructural frame for waste management of the city. Also working in the field of preparing DPR, annual reports of PWM and SWM. Planning, Designing and Conducting IEC and BCC activities in order to bring behavioural change in the society and ease in coordination between public and provided Infrastructural facility. LinkedIn Profile: www.linkedin.com/in/alok-skandh-63504113b Mail Id: askandh@gmail.com	Project Manager
	Mamta Kumari	N. Tech, Urban Planner, IIT Kharagpur An Architect and Urban planner , currently working in the fields of Waste management .Curious in reading and Understanding the problem of cities through maps .Worked on masters thesis topic “Impact of Urbanization on Urban Heat Island Effect and planning for it's mitigation for Jamshedpur city”. Keenly interested in “Smart City, Solid waste management ,Transportation planning	Project Officer and Team Leader

		<p>,Implementation of GIS in planning “.</p> <p>Linkedin: https://www.linkedin.com/in/mamta-jyoti-besra-a029</p> <p>Mailid- mamtajyotibesra96@gmail.com</p>	
	Amrita Sakschi	<p>M. Sc. Environmental Science, Ranchi University.</p> <p>Amrita Sakshi is Passionate and dedicated in the field of Solid Waste Management. She has expertise in Air pollution and waste water.</p> <p>Linkedin- amrita -sakshi-538175225 Mail-sakshi169.mbr@gmail.com</p>	Project Co-ordinator
	Abhilasha Das	<p>N. Sc. Environmental Science, IGNOU</p> <p>Abhilasha is a enthusiast environmentlist. She has exprience in various field including Remote Sensing and GIS, waste water, and climate change.</p> <p>LinkedIn: https://www.linkedin.com/in/abhilasha-das-989a34160</p> <p>E- mail: abhilashadas47@gmail.com</p>	Project Co-ordinator
	Kshitij Raj	B.Sc. Physics Honours, P.K.R.M	Product Manager

		<p>Kshitij is a determined and passionate boy with dedication to find the solution through machines. He has experience in collaborating with tech teams and developing the products.</p> <p>Linkedin: https://www.linkedin.com/in/ikshitij22/</p> <p>Email: meet2kshitij200@gmail.com</p>	Machinery
	Anshuman Sah	<p>B. Tech, Mechanical Engineering, RVSCET</p> <p>Anshuman Sah being a true mechanical engineer brought the expertise of mechanics to design tools and techniques.</p> <p>Email: Anshumansah3@gmail.com</p> <p>Linkedin: https://www.linkedin.com/in/anshuman-sah-11321718a</p>	Intern Product Development, Machinery

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