



Regd.No 256/2002

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION



21st ANNUAL GENERAL MEETING
ANNUAL REPORT
2022-2023



Table of Contents

Page No

Chairman’s Message.....	2
Secretary Message.....	3
Executive Committee.....	9
Membership Profile.....	13
Training Activities.....	15
CSR Activities.....	17
CHWTSDF Details.....	20
IWMA Projects.....	24
Auditor’s Report.....	31

Chairman's Message



Dear Members,

I am delighted to present to you our 21st Annual Report for FY 2022-23. This year has been remarkable for all of us since we were able to steer through the challenges that Covid-19 pandemic brought upon us. I am grateful to office bearers, executive committee members and secretariat for making this happen. This is a testament to the unwavering determination of our team to help industries succeed in their mission.

While the pandemic and the war in Ukraine caused unprecedented disruptions in the life of everyone, it has taught us important lessons to think differently from the perspective of social responsibility. Keeping this in mind, we have executed a CSR program on E-waste awareness in Chennai, to raise awareness on the soaring electronic waste, also we have restarted two prominent CSR programs which has been put on hold for a few short years due to pandemic, ENVIRO and Young Environmental Scientist (YES).

We have also organized few training programs, Seminars namely “Sustainable Manufacturing” and “Sustainable Development in Manufacturing Sector” and webinars “EPR guidelines – Plastics & E-Waste” and “Overview of BRSR”.

I am proud of the work that we have delivered this year to support our members and to make positive contributions to the society we live in. I would like to thank my fellow office bearers, executive committee, all employees of secretariat, member industries and our service provider for their hard work, enthusiasm, and perseverance.

With best personal regards and thanks,

Yours sincerely,



Mr. K. Baskaran, Chairman, IWMA.

Secretary's Message



SECRETARY'S REPORT

I am pleased to share the insights and experiences of the financial year 2022-23.

We strive to be the best in providing services to our members by focusing relentlessly and maintaining a strong operational rigour. This can be seen in our growth of our members and their determined support to us. I feel happy to share that our member industries grew to 3528 as on 31st March 2023.

I'd like to thank executive committee, our member industries, secretariat team and service provider for their active support and unshakeable trust in our abilities to deliver our promise.

SERVICES OF IWMA

- ❖ Technical clarifications to industries on disposal of Hazardous Waste and other Environmental concerns.
- ❖ Providing updates on change in Environment Regulations to members (through website, training programs, seminars, and webinars).
- ❖ Guidance for submission of Consent Order application to TNPCB.
- ❖ Conducting ETP Operators and Technicians Courses in partnership with SSM Polytechnic College, Erode.
- ❖ Working with Educational Institutions and Universities to establish Training Courses.
- ❖ Signed MoU with PSG, Coimbatore on technical and Programme collaborations.
- ❖ Signed MoU with Madurai Kamaraj University, Madurai, to conduct ETP Operators and Technicians Courses.
- ❖ Signed MoU with Sri Ramachandra Institute of Higher Education & Research (SRIHER) on technical and programme collaborations.

- ❖ Signed MoU with Rajalakshmi Engineering College on technical and programme collaborations.
- ❖ Young Environmental Scientist (YES) programme to bring out the innovative thoughts of students to shape them as projects serving the society as well as industries.
- ❖ ENVIRO – to inculcate and honour the novel ideas of students in art forms to protect the environment.

EXECUTIVE COMMITTEE

IWMA has a powerful and adept Executive Committee consisting of professionals, industrialists, specialists, and domain experts to lead the association. IWMA conducts EC meetings monthly to make key decisions and solving challenges to steer the association towards greater success.

I would like to extend my gratitude to office bearers, executive committee members for their contributions and counsel. Last but not least, I would like to show appreciation to secretariat team for their hard work and support.

OPERATIONS OF CHWTSDF

1. Gummidipoondi Facility

The CHWTSDF facility at Gummidipoondi SIPCOT is the first TSDF established in Tamil Nadu in 2007. It has been operational since then. IWMA owns the land, and the operations are handled by Re Sustainability Limited (RE) formerly known as Tamil Nadu Waste Management Limited (TNWML) who was selected through competitive bidding.

During 2022-23, Cell 8 was in operation and handled 9625 MT of landfill waste. Furthermore, 4382 MT of incinerable waste were handled at CHWTSDF. Currently Cell 8A is in operational since Cell 8 has been completely utilised and handled 60,264 MT of landfill waste.

In addition, IWMA has also purchased 26 acres there itself for further extension. Cell 9 construction completed and inaugurated on 23rd February 2023. We have received the Consent-to-Operate (Air & Water) on 14th December 2022, also we received the Hazardous Waste Authorization on 25th March 2023. We have started the operation of Cell 9 from 1st June 2023.

Furthermore, IWMA technical team conducts audit periodically to ensure that they are in compliance with the latest environmental norms.

2. Bargur Facility

IWMA established a new ICHWTSDF facility at Bargur, Krishnagiri district to facilitate the disposal of hazardous waste from the western region of Tamil Nadu, where 30% of IWMA members are present, with shorter transportation distance. Also, Bargur facility will reduce the burden and lack of space at Gummidipoondi facility.

During November 2019, IWMA has leased 25 acres of land in its name at Bargur SIPCOT for establishment of ICHWTSDF. Cell 1 construction completed and inaugurated on 29th June 2023. We have received the Consent-to-Operate (Air & Water) on 25th March 2023, also we received the Hazardous Waste Authorization on 12th June 2023. We have started the operation of Cell 1 from 29th June 2023.

3. Virudhunagar Facility

The TSDF facility at Virudhunagar facility is owned and operated by RE and they began the operation in December 2016 with Cell 1.

Despite the facility being owned by RE, IWMA is permitted to do periodic audit of the facility as per agreement.

During the 2022-23 period, Cell 1C at Virudhunagar facility was in operation and handled 16,617 MT of landfillable waste. Cell 2A construction completed, inaugurated, and started operations on 15th March 2023 and handled 2,059 MT of landfillable waste.

COORDINATION WITH GOVERNMENT BODIES

TNPCB

IWMA has amicable relationship with TNPCB, and we are glad to inform you that IWMA is playing a crucial role in Monitoring Committee of Hazardous Waste formed by TNPCB as per the directives of Green Tribunal and MoEFCC. Periodical meetings are being conducted to ensure that everything is in order.

We would like to thank TNPCB Officials for guiding us on many environmental aspects.

SIPCOT

IWMA maintains cordial relationship with SIPCOT. We thank SIPCOT officials for allocating additional land at Gummidipoondi facility and new land at Bargur facility.

SECRETARIAT ACTIVITIES

Own Head Office

Since 05th April 2019, IWMA Secretariat is operating in our own office located at Koyambedu, Chennai. It is with huge pride that we are conducting our EC Meetings in our new venue.

Own Branch Office

IWMA members are growing multi fold. Hence to service our members better, Executive Committee decided to establish a branch office outside Chennai. During December 2019 EC meeting, EC deliberated various options and finalised Erode as next town for opening branch office. It is done based on the following reasons. Firstly, next to Chennai region, maximum concentration of active members is in western region, for which Erode will be centre point. Secondly, Erode is in close proximity to ICHWTSDF at Bargur which is to be made operational soon. In the forthcoming year, we are planning to build our Branch Office in the land that is bought specifically for this purpose.

Project Activities

Our Technical team from Secretariat is always at the disposal of our members to resolve their queries regarding safe disposal of their hazardous wastes. In addition, our technical team works with interested individual member industries to solve their specific problems. It could be in their effluent treatment plant or in energy conservation measures.

To help its members, IWMA has tied with reputed academic institutions like IIT Madras, PSG College of Technology; research bodies like Centre for Urban Buildings and Environment (CUBE) - IIT Madras, Industrial Energy Assessment Cell (IEAC) - IIT Madras, CII-Sohrabji Godrej Green Business Centre (CII GBC), and reputed consultants. All members are requested to make use of these resources through IWMA Secretariat.

Training Activities

IWMA regularly conducts training activities for the benefit of its members to update them about the latest environmental guidelines and the new innovations that are happening in environmental engineering.

IWMA has conducted two seminars and two webinars as the training activities for this year. such as “Seminar on Sustainable Manufacturing” at Hotel Green Park, Chennai and “Seminar on Sustainable Development in Manufacturing Sector” at Hotel Mercure, Oragadam to promote awareness on the sustainable solutions to the industries. The two webinars namely as “EPR Guidelines – Plastics and E-Wastes” and” Overview of Business Responsibility &Sustainability Reporting”.

CSR ACTIVITIES

E-waste Awareness

IWMA has successfully completed an “E-waste awareness” at Chitlapakkam, Chennai. We had an astounding participation of 250 public and 100 student volunteers. We ended the day with a satisfaction of collecting 1 Ton of electronic waste which have been delivered to TES-AMM India Pvt Ltd for recycling of waste.

Young Environmental Scientist (YES) & ENVIRO Programmes

Since 2012, IWMA is conducting YES Programme to bring out creative solutions from school students for day-to-day environmental issues. At YES 2019 Chennai programme, 84 projects were presented from 27 schools.

Since 2009, IWMA is conducting ENVIRO, an environmental awareness program to promote the importance of environment protection among school children. In 2019, around 150 schools and over 500 students participated in ENVIRO competitive events like cartoon drawing, mascot designing, and live news reporting.

YES & ENVIRO programmes have been kept temporarily on hold for the year 2021 and 2022 because of the COVID-19 pandemic measures in place at school. we have restarted ENVIRO and Young Environmental Scientist (YES) for the academic year 2023-2024. We have completed “ENVIRO 2023” on 29th and 30th July at IIT Madras, with the participation over 130 schools and also we are progressing on the “Young Environmental Scientist 2023” by receiving applications for the academic year 2023-2024.

With best wishes,

Sincerely,



Mr. N. Palanisamy, Secretary, IWMA.

**EXECUTIVE COMMITTEE FOR THE YEAR 2022-23 WITH
 PHOTOGRAPHS**

<p>Chairman</p> <p>Mr. Baskaran K Managing Director Aarthi Industries</p>	
<p>Vice Chairman</p> <p>Mr. Rajan C.S Vice President Iljin Automotive Private Limited</p>	
<p>Secretary</p> <p>Mr. Palanisamy N Managing Director Aruna Textile Processing Mills</p>	
<p>Joint Secretary</p> <p>Mr. Thiyagarajan M Deputy Manager - Special Projects Brakes India Ltd. (Unit 36)</p>	
<p>Treasurer</p> <p>Mr. Suresh Kandi Manoharan Partner Indi Enterprises</p>	

EXECUTIVE COMMITTEE MEMBERS FOR THE YEAR 2022-2023

<p>Mrs. Devi P EHS - Coordinator MTL Instruments Pvt. Ltd.</p>	
<p>Mr. George N.C DGM Environment Solara Active Pharma Science Ltd.</p>	
<p>Mr. Govaradhanan R Associate Vice President Rane Brake Lining Limited</p>	
<p>Mr. Jagannathan K Managing Director Silver Cover Metal Coatings</p>	
<p>Mr. Mohammed Khaleel T COO (Chief Operating Officer), Managing Partner EKM Leather Processing Co.,</p>	

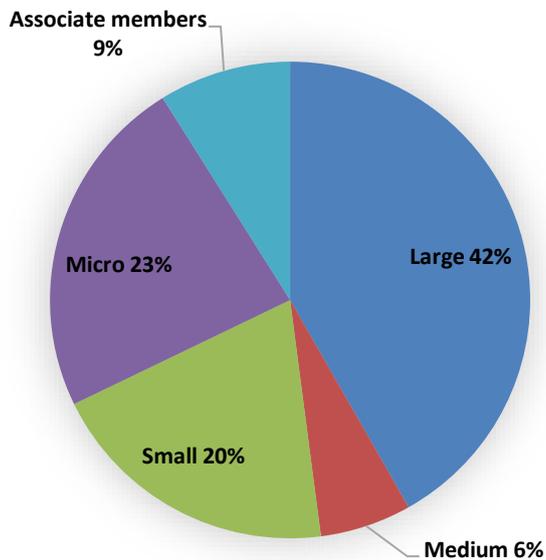
<p>Mr. Natarajan K Proprietor Divya Engineering Works</p>	
<p>Mr. Purushothaman P.E Director SSM Processing Mills Limited</p>	
<p>Mr. Ramanujam V Senior Manager – HR, IR & Admin Metalman Auto (P) Ltd.</p>	
<p>Mr. Senthil Murugan E Purchase Manager Rialto Enterprises Pvt. Ltd.</p>	
<p>Mr. Vishnu Prabhu J Director Sri Suriyodhaya Processing Pvt. Ltd.</p>	

Auditor	:	Mr. H. Chandrasekaran, Varadarajan & Co.
Advisor- Projects	:	Mr. K. Sivaraman
<u>Secretariat:</u>		
Deputy Manager - Operations	:	Mr. P. Muthukumar
Senior Engineer – Technical	:	Mr. K. Kalaiventhan
Executive – CSR & Training	:	Mr. D. Dharanidharan
Executive – Accounts	:	Ms. A. Vincy Maria Angel
Executive – Membership	:	Ms. M. Yamini
Executive – Membership	:	Ms. K. Geetha
Trainee Engineer	:	Mr. P. Harish
Trainee Engineer	:	Mr. D. Jeriel

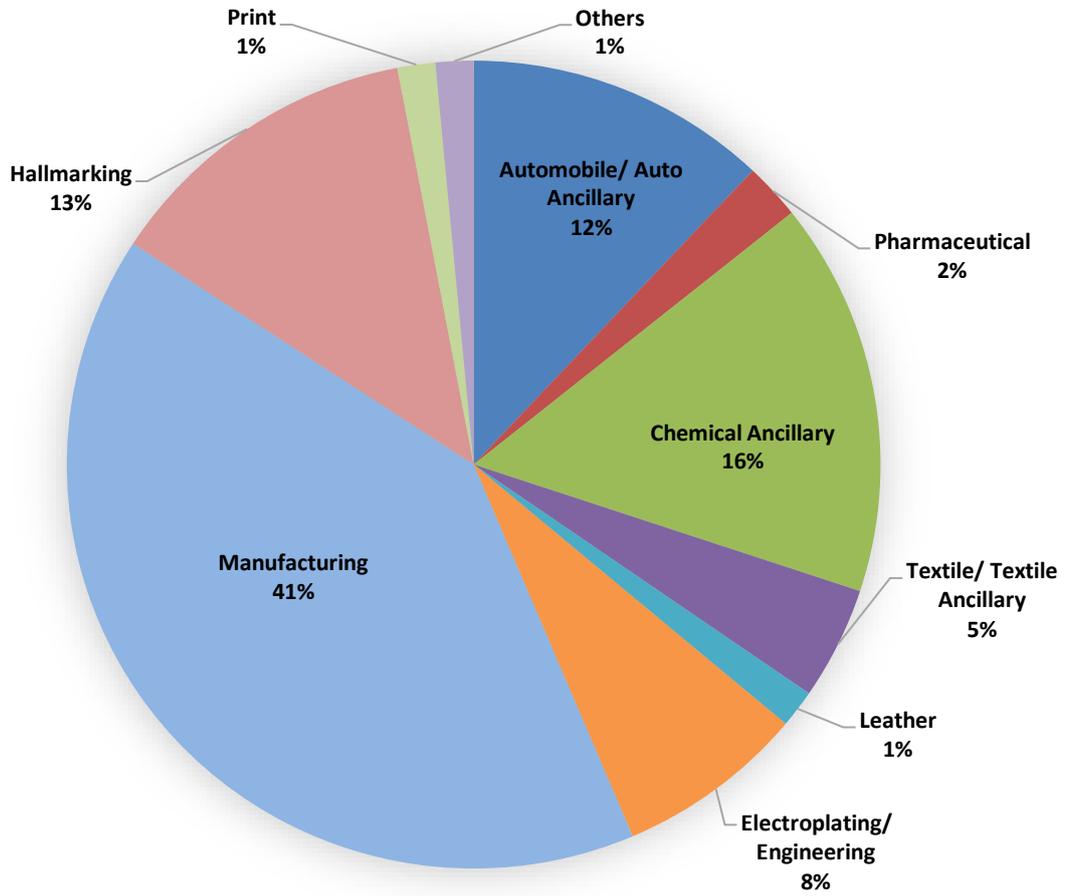
MEMBERSHIP PROFILE



INDUSTRY MEMBERS - CATAGORY WISE AS ON 31st MARCH 2023



INDUSTRY MEMBERS - SECTOR WISE AS ON 31st MARCH 2023



TRAINING ACTIVITIES

1. Webinars

IWMA conducted two webinars on Extended Producers Responsibility and Business Responsibility. These webinars give the brief information on the certain updates focused on the MSMEs & Industries, which enables the wide range of inputs given by the Field Experts. IWMA is planning to conduct more webinars based on the current amendments & regulations the needs and feedbacks from the industries.

Sl. No	Date	Topic of the Webinar	No. of Participants
1	6 th May 2023	EPR Guidelines – Plastics & E-waste	51
2	24 th June 2023	Overview of Business Responsibility & Sustainability Reporting	34

2. Seminars

The seminar consists of various technical sessions focusing on ways and means for sustainable manufacturing through resource conservation, energy efficiency and waste management etc. and Guidance for GreenCo certification process to the member industries.

IWMA conducted two seminars during this period, as follows.

Sl. No	Date	Topic of the Webinar	No. of Participants
1	6 th May 2023	Sustainable Manufacturing	75
2	24 th June 2023	Sustainable Development in Manufacturing Sector.	116

Seminar on Sustainable Manufacturing at Hotel Green Park, Chennai



Seminar on Sustainable Development in Manufacturing Sector at Hotel Mercure, Oragadam



CSR ACTIVITIES

1. E-waste Awareness

After the cataclysmic pandemic, we reinvigorated CSR activities because of our longstanding commitment to society and environment. We have successfully completed the CSR activity on “E-waste awareness” at Chitlapakkam, Chennai (fig C2.1). The program was a huge success that it reached around 250 people and 100 student volunteers. We have managed to collect 1 ton of electronic wastes which has been handed over to TES-AMM India Pvt Ltd for recycling of wastes (fig. C2.2).



Fig C2.1: Collection of E-waste in TES-AMM India Pvt Ltd bin



Fig C2.2: Successful completion of E-waste awareness campaign

3. ENVIRO 2023

After a couple of years gap, IWMA restarted the program with the collaboration of Science Olympiad Foundation (SOF) called ENVIRO. A two-day environmental awareness program for the school children since 2009. Competitions were held to promote the importance of environmental awareness among school students. Dr. J. Daniel Chellappa, Eminent Nuclear Scientist was the chief guest of ENVIRO 2023 and This Year, 12th ENVIRO 2023 was conducted at IC&SR Auditorium, IIT Madras on 29th and 30th July 2023. Around 130 schools & Over 470 students in and around Chennai took part in the event.

ENVIRO 2023 Competitive events such as following.

- | | | |
|----------------------|---|--------------|
| a. Just a Minute | - | Juniors |
| b. Best out of Waste | - | Middle |
| c. Pencil Sketching | - | Senior |
| d. Poster Designing | - | Super Senior |



Fig C3.1: 12th ENVIRO - 2023



Fig C3.2: Chief Guest visited Display Table



Fig C3.3: Winners of ENVIRO 2023

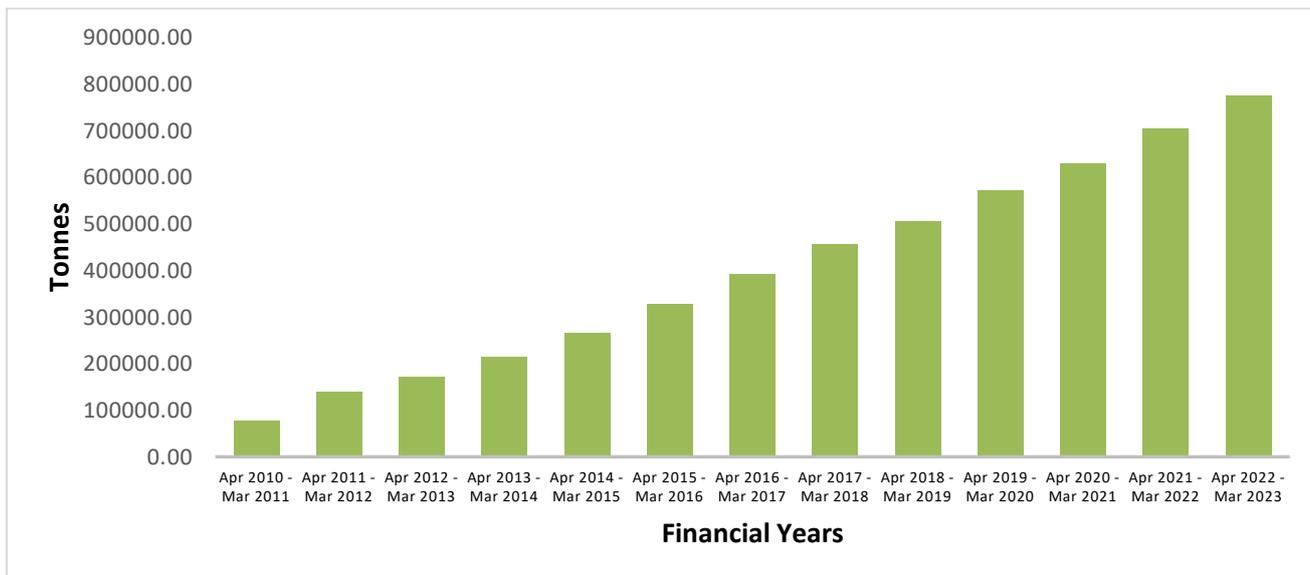
4. Young Environmental Scientist 2023

IWMA resumed the on-hold program Young Environmental Scientist (YES) after three years. Young Environmental Scientist (YES) is an inter-school research-oriented competition for school students (Classes between 8th and 12th) since 2012. This program motivates the young minds to innovatively contribute to the future generation.

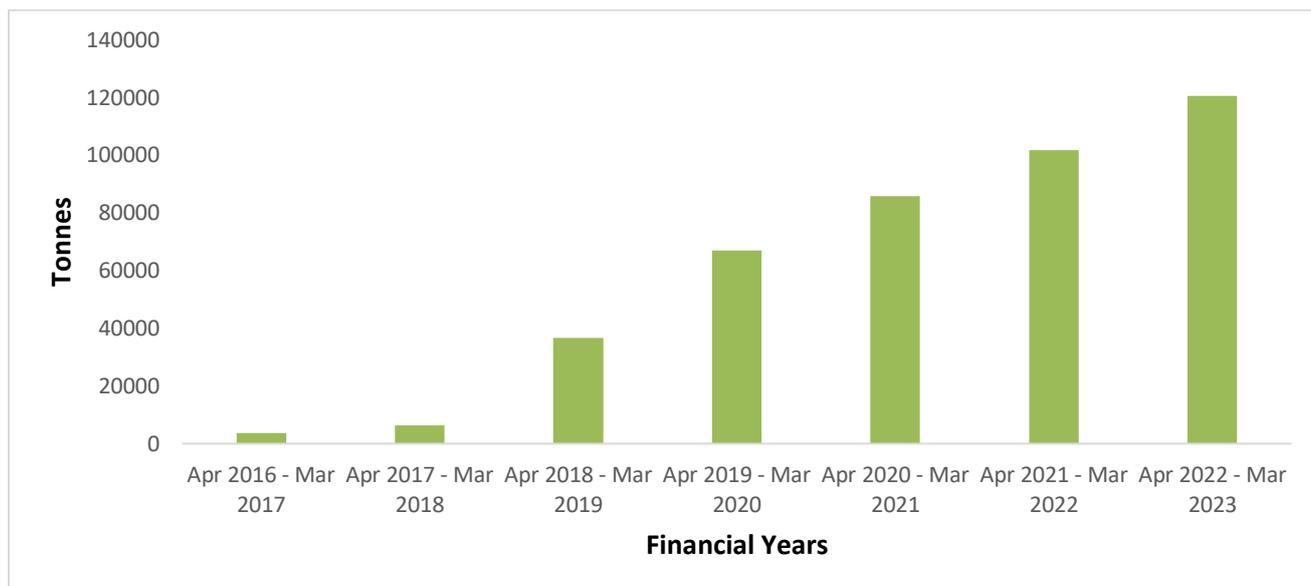
The groundwork for Young Environmental Scientist 2023 has been started. Application form and Brochures has been sent for circular among schools in and around Chennai. Follow ups are being done.

CHWTSDF DETAILS

CUMULATIVE REPRESENTATION OF HAZARDOUS WASTE DISPOSAL AT CHWTSDF – GUMMIDIPOONDI



REPRESENTATION OF HAZARDOUS WASTE DISPOSAL AT CHWTSDF - VIRUDHUNAGAR



**COMMON HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITY
 (CHWTSDF) ESTABLISHMENT & OPERATION – GUMMIDIPOONDI**

<p>Common Hazardous Waste Treatment, Storage and Disposal Facility</p>	<p><u>Location:</u> SIPCOT, Gummidipoondi, Thiruvallur District, Tamil Nadu.</p> <p><u>Land Area:</u> ~ 27 Acres</p> <p><u>Facilities:</u></p> <ul style="list-style-type: none"> • Total Landfill Disposed quantity: 69,889 MT. Cell 1 - Completed Cell 2 - Completed Cell 3 - Completed Cell 4 - Completed Cell 5 - Completed Cell 6 - Completed Cell 7 - Completed Cell 8 - Completed Cell 8A - Under operation Cell 9 - Under operation • <u>Incinerator</u> <u>Disposed quantity:</u> 4382 MT – March 2023 <u>Capacity:</u> 3,00,000 TPA for Landfill 1.5 Tons/Hour for Incinerator 50,000 TPA for AFRF <u>Land Owned by:</u> IWMA. <u>Service Provider:</u> Re Sustainability Limited, Chennai (formerly known as Ramky Enviro Engineers Ltd) <p><u>Additional land area: 26 Acres:</u></p> <ul style="list-style-type: none"> • Greenbelt development. • IIT Baseline study completed. • Site construction completed, Ready for the operations. <p><u>Facilities:</u></p> <ul style="list-style-type: none"> • Landfill • AFRF • E - Waste Recycling Facility • Paper & Plastic Recycling Facility • Waste oil/used oil Recovery Facility • Spent Solvent Recovery Facility
---	---

INTEGRATED COMMON HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITY (ICHWTSDF) ESTABLISHMENT & OPERATION – BARGUR

<p>Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility</p>	<p><u>Location:</u> S.F. No. Plot No. 141 A, 142 and 143. SF No. 726 (Part) Balethottam village, Pochampalli Taluk, Krishnagiri Dt- 635206. Tamil Nadu.</p> <p><u>Land Area:</u> ~ 25 Acres</p> <p><u>Facilities:</u></p> <ul style="list-style-type: none"> • <u>Total Landfill</u> Cell 1 – Under Operation. <p><u>Capacity:</u> 250000 TPA for Landfill</p> <p><u>Available Facilities:</u></p> <ul style="list-style-type: none"> • AFRF • Bio - Medical Facilities • Paper & Plastic Recycling Facility • Waste oil/used oil Recovery Facility • Spent Solvent Recovery Facility <p><u>Project Promoter:</u> IWMA & Re Sustainability Limited</p> <p><u>Service Provider:</u> Re Sustainability Limited, Bargur.</p>
--	---

**COMMON HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITY
 (CHWTSDF) ESTABLISHMENT & OPERATION – VIRUDHUNAGAR**

<p>Common Hazardous Waste Treatment, Storage and Disposal Facility</p>	<p><u>Location:</u> S.F. No – 135 to 140,143 to 148,152 Undurmikidakulam, Tiruchuli -TK Virudhunagar Dt.-630611 Tamil Nadu.</p> <p><u>Land Area:</u> ~ 75 Acres</p> <p><u>Facilities:</u></p> <ul style="list-style-type: none"> • <u>Total Landfill</u> <u>Disposed quantity:</u> 18,676 MT - March 2023 Cell 1 - (1A, 1B, 1C) Cell 1A – Completed. Cell 1B – Completed. Cell 1C - Completed. Cell 2A - Under Operation <p><u>Capacity:</u> 240000 TPA for Landfill</p> <p><u>Project Promoter:</u> IWMA & Re Sustainability Limited</p> <p><u>Service Provider:</u> Re Sustainability Limited, Virudhunagar</p> <p><u>Consent to Establishment</u></p> <ul style="list-style-type: none"> • AFRF - 10000 TPA • CTO for AFRF Application under progress with TNPCB <p><u>Environmental Clearance</u></p> <ul style="list-style-type: none"> • Bio - Medical Facilities • Paper & Plastic Recycling Facility • Waste oil/used oil Recovery Facility • Spent Solvent Recovery Facility
---	--

PROJECTS – Industry Interface

IWMA is committed to supporting its member industries by providing solutions to the environmental related problems in the industries through its dedicated project team. IWMA brings together the expertise of its project team, reputed academic institutions like IIT Madras & their centers such as Industrial Energy Assessment Cell, PSG Coimbatore & PSG-STEP, nongovernmental organizations like CII- GBC, Hyderabad, and domain experts to find solutions that benefit the industry and the society.

Energy Assessment:

Energy is one of the major inputs for the economic development of any country. The consumption of energy is increasing at a fast pace while available resources remain limited. The global need for energy is increasing on an average by about 2.4 % every year. Energy consumption also has a significant impact on our natural environment. There is clear evidence that climate change is caused by human activity, mostly related to the use of energy. The combustion of hydrocarbon-based fuels in industrial activity generates by-product materials, many of which are air pollutants. The principal emissions which impact on the air environment are carbon dioxide (CO₂), particulate matter (dust), Sulphur oxides (SO_x), nitrogen oxides (NO_x), hydrocarbons, and carbon monoxide (CO). The main sources of CO emissions are due to incomplete combustion of fuels. Both SO_x and NO_x emissions have been identified as major air pollutants globally as they lead to acid rain which is a trans-boundary environmental issue. Carbon dioxide resulting from oxidation of carbon in fuels during combustion dominates the total emissions, it is considered as a major contributor to global warming and climate change.

To address this issue IWMA helps the member industries to reduce their environmental impact by adapting energy efficiency, energy conservation and sustainability solutions through Energy Assessment. IWMA engages the Industrial Energy Assessment Cell (IEAC) at IIT M to carry out the energy assessment to the eligible and interested member industry of MSME category at free of cost.

In Financial year 22-23, IWMA project team has been successfully completed energy assessment for Textile, Electro-plating, Cardboard manufacturing, and Dyeing industries along with IEAC team. The recommended or Potential achievable savings of the industry are mentioned below.

Total Electrical Energy Savings achievable (Fig 1) = 1143.84 MWh

Total Fuel Savings achievable (Fig 2) = 3001.77 t

Total CO₂ reductions achievable (Fig 3) = 5456 t of CO₂

Total Cost savings achievable (Fig 4) = 2.14 Cr

Sector-wise Energy assessment summary details are shown in the below charts.

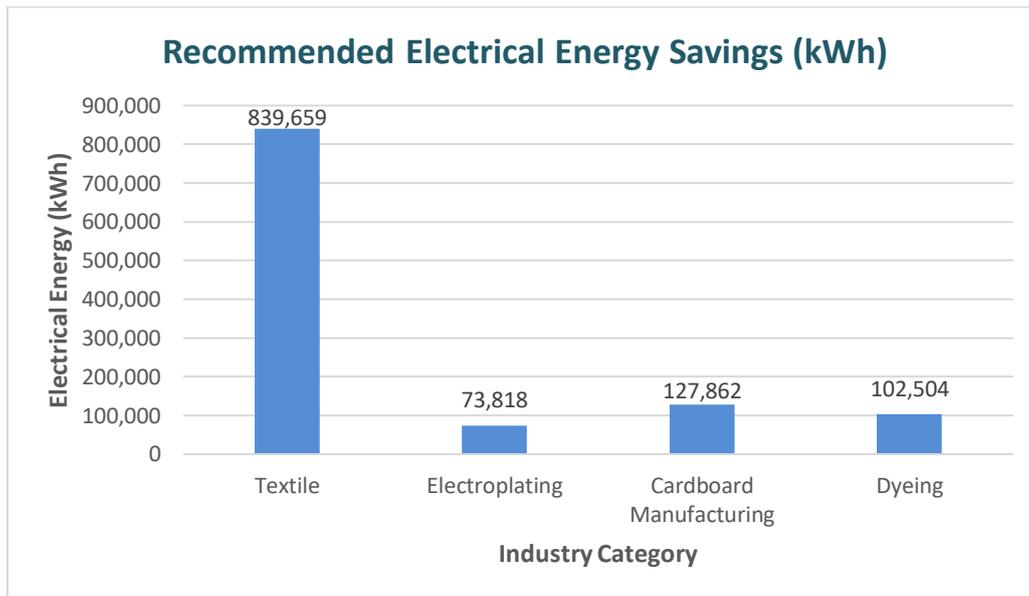


Fig 1: Recommended Electrical Energy Savings in kWh.

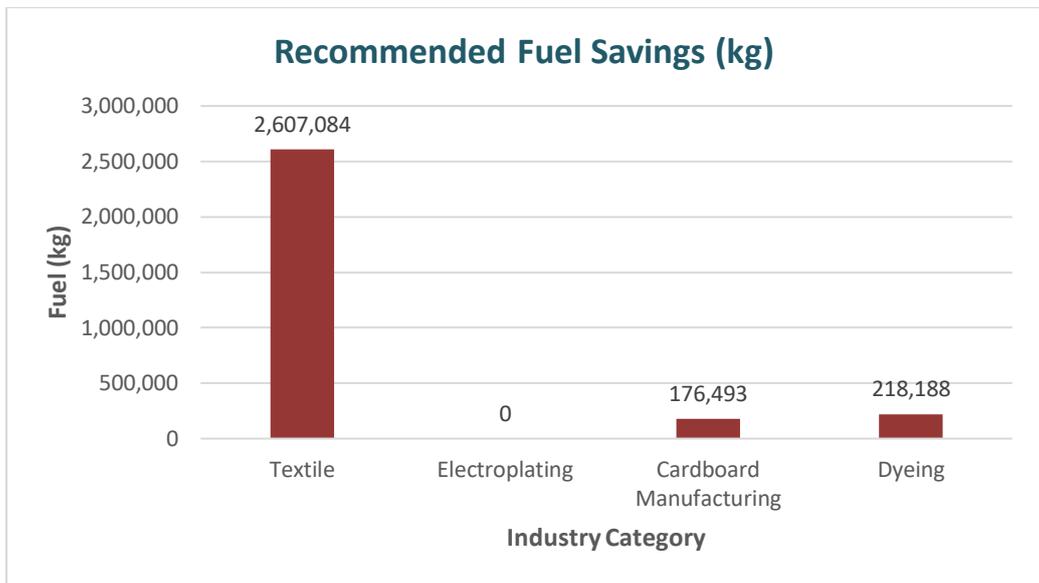


Fig 2: Recommended Fuel Savings in kg

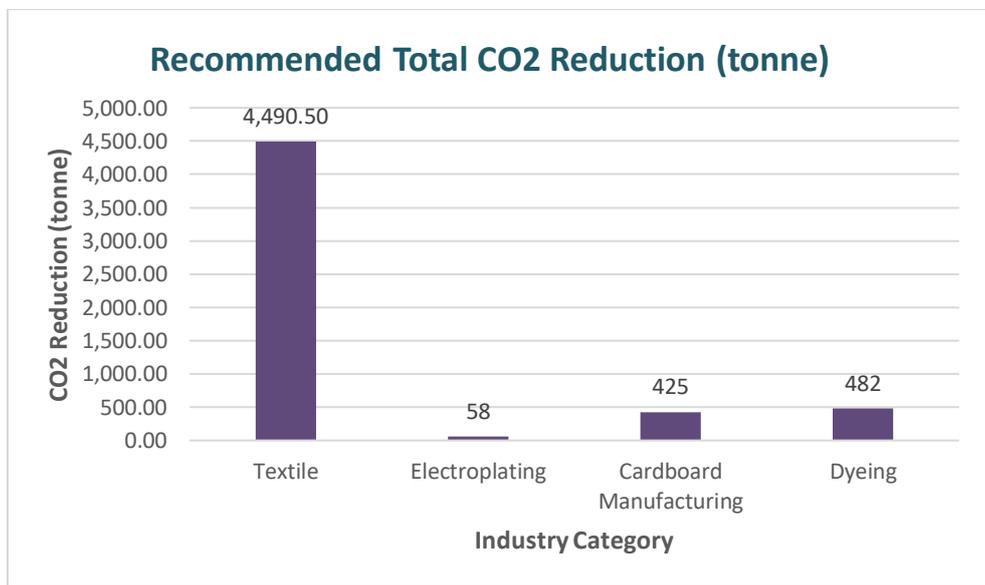


Fig 3: Recommended CO₂ emissions reduction in tonne

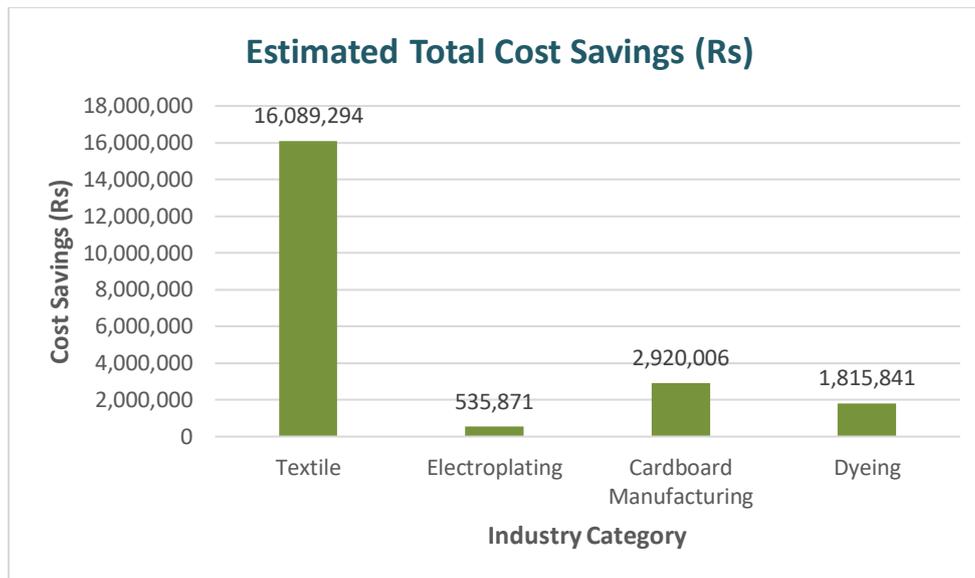


Fig 4: Estimated Cost Savings in Rupees

IWMA hopes that more industries will come forward to avail themselves of this opportunity. It will help the industry to reduce their Energy bill & carbon Footprint.

CII GreenCo Certification:

IWMA and CII signed an MoU towards greening and promoting environmental performance and sustainability in the IWMA member industry.

CII - Sohrabji Godrej Green Business Centre works closely with the stakeholders on promoting green practices in the industry and offers world-class advisory services on the conservation of natural resources. One of the major steps taken by CII towards this direction is the development of the 'Green Company Rating system' (GreenCo rating) for companies.

GreenCo Rating is the "first of its kind in the World" holistic framework that evaluates companies on the environmental friendliness of their activities using a life cycle approach. Implementation of GreenCo rating provides leadership and guidance to companies on how to make products, services, and operations greener. Industry personnel are trained on the latest green concepts and facilitated for implementing better systems and implementing global best practices in green.

Implementation of GreenCo Rating by IWMA member companies will provide them a systematic and holistic approach to improve their environmental sustainability performance resulting in reduction in the use of natural resources, minimization of environmental impacts, cost savings, better sustainability branding and improve the overall industry competitiveness.

CII will facilitate and certify the participating units. The steps involved include launch & training program, handholding visits, site assessment and award for the rating and providing feedback report on further improvement opportunities.

IWMA has committed to absorb the entire GreenCo assessment and training fees of CII-GBC for interested (& selected) IWMA members from MSME category industries and a significant part of assessment and training fees for interested (& selected) IWMA members from large category industries.

In Financial Year 2022 to 2023 IWMA member industry **M/s Best Colour Solution, Perundurai** selected for IWMA Grant to go for CII GreenCo certification and this industry successfully completed the CII GreenCo certification process and achieved **Silver Award**. The IWMA project team worked closely with the industry and significantly contributed to the industry to achieve this award. The award is issued to the industry in CII GreenCo Summit 2022, Hyderabad.

Currently, IWMA has 4 projects for CII GreenCo certification and those sectors are Textile, Manufacturing (Cardboard, Labels and Automobile). In which, the textile industry has completed halfway through the CII GreenCo certification process. The remaining industries have initiated the process for CII GreenCo certification.

For our member industries who are interested in CII GreenCo certification, a walkthrough assessment will be done by IWMA to evaluate the readiness of their industry and to select the industry for IWMA Grant. IWMA encourages our member industries to utilize this great opportunity and become an eco-friendly industry.

Other Activities:

To update the knowledge and trends in latest sustainability development, Energy Efficiency, and other environmental related activities, IWMA engages their project team to attend the various conferences, workshops, seminars, and certification courses, they are as follows:

- CII Certified Professional in Sustainable Waste Management.
- Facilitators' Development Workshop on GreenCo Rating System.
- CII Conference on Water Conservation, Reduce, Recycle, Reuse and Regenerate.
- CII GreenCo Summit 2022.
- CII-SR Sustainability Summit 2022.
- BEE Energy Auditor Training class conducted by CII.
- BEE's Facilitation Center for Encouraging and up-scaling Energy Efficiency Financing in the Country.
- The working principle and application of the Heat Pump.
- CII National Award for Environmental best practices 2023.
- Renewable Energy – The Future Syndrome.
- Overview of BRSR.
- CII GreenCo Summit 2023.
- Carbon Zero Challenge.
- CII Certified professional course on Carbon Footprint.



Namadhu Amma – 27th September 2022



Raj News - 27th September 2022



Sathiyam News - 27th September 2022

INDEPENDENT AUDITOR'S REPORT

To the Members of **M/s. Industrial Waste Management Association**

Report on the Audit of the Standalone Financial Statements

Opinion

We have audited the standalone financial statements of **M/s. Industrial Waste Management Association**, which comprise the Statement of Affairs as at 31st March 2023, and the Income and Expenditure account, and Receipts and Payments for the year ended 31st March 2023 and notes to the financial statements.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid standalone financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India, of the state of affairs of Association as at March 31, 2023, and Surplus, and its cash flows for the year ended on that date.

Basis for Opinion

We conducted our audit in accordance with the Standards on Auditing (SAs) and Accounting Standards. Our responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Association in accordance with the Code of Ethics issued by the Institute of Chartered Accountants of India together with the ethical requirements that are relevant to our audit of the financial statements and we have fulfilled our other ethical responsibilities in accordance with the Code of Ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion, subject to our observation in the Annexure.

Responsibility of Executive Committee for Standalone Financial Statements

The Association's Executive Committee is responsible with respect to the preparation of these standalone financial statements that give a true and fair view of the financial position, financial performance and cash flows of the Association in accordance with the accounting principles generally accepted in India. This responsibility also includes maintenance of adequate accounting records for safeguarding of the assets of the Association and for



preventing and detecting frauds and other irregularities; selection and application of appropriate accounting policies; making judgments and estimates that are reasonable and prudent; and design, implementation and maintenance of adequate internal financial controls, that were operating effectively for ensuring the accuracy and completeness of the accounting records, relevant to the preparation and presentation of the financial statement that give a true and fair view and are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Executive Committee is responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting.

The Executive Committee is also responsible for overseeing the Association's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with SAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Report on Other Legal and Regulatory Requirements

We report that:-

- a. We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
- b. In our opinion, proper books of account as required by law have been kept by the Association so far as it appears from our examination of those books.
- c. The Statement of Affairs, the Income and Expenditure account, and the Receipts and Payment Statement dealt with by this Report are in agreement with the books of accounts.



- d. In our opinion, the aforesaid standalone financial statements comply with the Generally accepted Accounting Principles and Standards.
- e. On the basis of our examination, there is adequacy of the internal financial controls over financial reporting of the Association and the operating effectiveness of such controls.
- f. In our opinion and to the best of our information and according to the explanations given to us, we report as under with respect to the other matters:-
- i. The Association does not have any pending litigations which would impact its financial position.
 - ii. The Association did not have any long-term contracts including derivative contracts; as such the question of commenting on any material foreseeable losses thereon does not arise.
- g. Refer the Annexure for report on other matters.

**For Varadarajan & Co.,
Chartered Accountants
Firm Registration No. 04515S**

**H. Chandrasekaran
Partner**

**Membership No: 022821
UDIN - 23022821BGWVYN6823**



**Place: Chennai
Date: 19.08.2023**

ANNEXURE TO AUDITOR'S REPORT

We have examined the annexed Income & Expenditure Account and Receipts and Payment account for the year ending 31.03.2023 and the Statement of Affairs as at the above date of 31.03.2023, of M/s. Industrial Waste Management Association, Registration No. 256/2002 with the Books of Accounts and vouchers relating thereto and report that:

- a) The Cash balance and vouchers in the custody of the Association on the date of the audit were in agreement with the accounts ;
- b) The books, deeds, accounts, vouchers and other documents or records required by us were produced before us ;
- c) The Accountant appeared before us and furnished necessary information required by us;
- d) The Association has not granted any Loans Secured or Unsecured to Companies, Firms, LLPs or other Associations in which the Office Bearers have Substantial Interest.
- e) No statutory payments like GST TDS are overdue.
- f) During the Course of Examination of Books and records of the Association, no instance of Fraud is noticed or we have been informed any such instance by the Association.
- g) No alienation of the immovable properties is made.

Place : Chennai
Date : 19.08.2023



For VARADARAJAN & Co.
CHARTERED ACCOUNTANT

H.CHANDRASEKARAN
PARTNER

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION 409 Ten Square Mall 3rd Floor 64 Jawaharlal Nehru Salai, Kovambedu - 600107		STATEMENT OF AFFAIRS AS ON 31.03.2023	
LIABILITIES	31.03.2023	31.03.2022	ASSETS
Infrastructure Fund	3,29,54,681	3,08,65,506	Fixed Assets
Add: Additions during the year	41,83,725	20,89,175	Fixed Deposit
Less: Deletions During the Year	3,71,38,406	3,29,54,681	Add: Additions during the year
Surplus o/b.	1,95,48,973	2,32,32,815	Less: Matured during the year
Add: Excess of Income over Expenditure	32,97,071	36,83,842	Add: Accrued Interest
Current Liabilities		1,95,48,973	Less: Interest received
Audit Fee Payable	70,000	75,000	Rental Advance
Expenses Reimbursement	19,761	19,761	Less: Rent Advance Received
TDS PAYBALE	53,187	1,40,601	Loans and advances Asset(SCH 1)
Salary and Honarium Payable	2,19,839	1,86,888	Membership Fees Receivable
Duties and Taxes	1,35,877	5,52,422	Payment to Sipcot for Additional Land Sipcot
Sundry Creditors (SCH1)		9,74,672	SIPCOT-Gumudipoondi
Membership subscription received pending reconciliation		14,86,066	Sipcot - Burgur
Tamil Nadu Waste management		8,16,717	TDS
		4,98,664	Cash in Hand
		16,58,91,807	Cash at Bank
		22,71,91,638	- SBI (Admin)
		22,71,91,638	- Kotak Mahindra bank
			22,08,56,198
			4,25,26,750
			75,37,558
			75,37,558
			75,37,558
			3,36,332
			78,73,890
			78,73,890
			5,02,000
			5,02,000
			2,92,045
			44,17,406
			3,80,40,200
			6,51,28,145
			1,19,64,000
			4,55,21,100
			8,91,429
			12,463
			30,22,285
			6,64,485
			22,08,56,198

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION								
DEPRECIATION SCHEDULE AS PER INCOME TAX ACT								
PARTICULARS	AS ON 01.04.2022	ADDITIONS >180DAYS	ADDITIONS <180DAYS	DELETIONS	TOTAL	%	DEPN	AS ON 31.03.2023
Training Instruments	14,458				14,458	15%	2,169	12,289
Erode Land Purchase	16,783,200				16,783,200	0%	-	16,783,200
Koyambedu office building	15,430,939		1,110,640		16,541,579	10%	1,598,626	14,942,953
Koyambedu office Land	9,061,892				9,061,892	0%	-	9,061,892
Airconditioner	256,867		197,390		454,257	10%	35,556	418,701
Camera	3,380				3,380	15%	507	2,873
Computer	8,931	542,006			611,937	40%	232,575	379,362
CCTV Camera	3,877				3,877	40%	1,551	2,326
Cordless Phone	659				659	15%	99	560
UPS	1,785				1,785	40%	714	1,071
Fire extinguisher	54,068				54,068	15%	8,110	45,958
Furniture & Fittings	258,450				258,450	10%	25,845	232,605
Electrical fittings	306,678				306,678	15%	46,002	260,676
Inverter	15,592				15,592	15%	2,339	13,253
Laptop	55,365				55,365	40%	22,146	33,219
Name Board	2,585				2,585	15%	388	2,197
Printer	4,566				4,566	15%	685	3,881
Reverse Vending Machine	99,411				99,411	15%	14,912	84,500
Water Dispenser	1,883				1,883	15%	283	1,601
Projector	72,167				72,167	15%	10,825	61,342
Xerox Machine	7,443				7,443	15%	1,116	6,326
Safety Locker	15,412				15,412	15%	2,312	13,100
EBAX	47,638				47,638	15%	7,146	40,492
Software	16,855				16,855	40%	6,742	10,113
Mobile	2,648				2,648	15%	397	2,251
TOTAL	42,526,750	542,006	1,369,030	-	44,437,786		2,021,043	42,416,743

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION

409 Ten Square Mall 3rd Floor

64 Jawajarlal Nehru Salai, Koyambedu - 600107

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2023

31.03.2022	EXPENDITURE	31.03.2023		31.03.2022	INCOME	31.03.2023
	AGM Expenses	120,326				
	HWTSDF Expenses			6,222,061	Subscription Collection	12,545,775
19,100	HWTSDF Audit Expenses	80,000		26,551	Advance Receipts	
1,167,500	HWTSDF Consultant Expenses	260,000				
40,942	HWTSDF Food Expenses	79,901				
4,200	HWTSDF Hotel Expenses	121,984				
1,570,260	HWTSDF Maintenance Charges	2,103,760		1,621,665	Reimbursement Sipcot Maintenance	
174,761	HWTSDF Processing Fee	10,000		1,356,319	Reimbursement Sipcot Water charges	
283,884	HWTSDF Road Sharing expenses	736,384				
1,468,066	HWTSDF SIPCOT Interest charges	4,469			Reimbursement of Expenses	3,329,952
	HWTSDF Travel expenses	377,458		2,722,215	Reimbursement Road Sharing	736,384
	HWTSDF water Bill	1,005,121		1,175,000	HWTSDF Compliance Advocate Fees	
2,638,546	Project Expense(SCH2)					
69,046	Project consultancy					
	Adequacy Audit	2,400		212,000	Registration Fees	114,500
	CSR Expenses	132,425		-	Seminar Fees	105,696
	RVM Expenses				Discount Received	
	Electricity Charges - RVM	5,007		-	FD Interest KMB	
35,475	Training Expenses	16,589		24,022	SB Interest	28,641
2,722,215	Road Sharing Expenses			373,703	Interest on FD	771,200
	Seminar Expenses	496,655		2,595	Discount Received	
					Sales Return	-
	Incentive	102,858				-
	EC Meeting Expenses					-
-	EC Conveyance Expenses	68,140				
-	EC Meeting Event Expenses	29,500		3,683,841.65	Excess of Expenditure over Income	-
3,098	EC Meeting Food & snacks expenses	19,592				
-	EC Meeting Hotel expenses	105,500				
-	EC Meeting House Keeping expenses	750				
-	EC Meeting Travel expenses	199,456				
-	EC Training Expenses	342				
	Office Admin Expenses					
95,792	Printing and Stationery	79,043				
5,802	Newspaper	3,055				
33,977	AMC	13,000				
8,509	Bank Charges	12,506				
123,578	Common Area Maintenance	200,579				

317,818	Electricity Charges	190,113		
103,939	Food expenses	26,127		
31,000	House Keeping Expenses Office	48,234		
201,817	Office Maintenance	74,769		
58,038	Office purchase	817		
9,383	Postage and Telegram	39,431		
368,127	Property Tax	910,417		
370,200	Services charges			
223,586	Software Maintenance Expenses	102,200		
313,754	Software subscription	61,733		
3,120	Staff Recruitment			
15,969	Staff Welfare	36,666		
30,845	Telephone Expenses			
96,075	Travelling Expenses - Admin	128,573		
7,284	Boarding & Hotel Expenses - Admin	8,014		
46,634	Advertisement Expenses	25,200		
38,978	Cheque Return			
218,463	Consultancy Charges	133,967		
	Conveyance Expenses	1,000		
5,870	Miscellaneous Expenses - Admin	420		
3,545	Water Expenses	4,165		
5,000	Membership Subscription Expenses	34,700		
-	Ayudha Pooja Expenses	49,982		
-	Tea and Coffee Expenses	3,393		
2,500	Office Admin Rent			
2,206,938	Salary and honarium	2,417,433		
7,950	Internet Expenses	45,400		
	Printing and stationery	3,235		
	AGM Meeting Expenses	227,703		
	Assosiation renewal expenses	14,990		
	Discount allowed	67,820		
	Professional Fees	787,000		
	Repairs & Maintenance	24,140		
	Reverse Vending Machine	1,966		
		41,625		
	Salary	81,000		
300,000	Sponsorship	313,000		
24,250	Training/Seminar fees	20,000		
	Voulnteer Allowances	2,000		
1,944,139	Depreciation	2,021,043		
	To Excess of Income over Expenditure	3,297,071		
17,419,973		17,632,148	17,419,973	17,632,148

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION
 409 Ten Square Mall 3rd Floor
 64 Jawajarlal Nehru Salai, Koyambedu - 600107

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2023

31.03.2022	RECEIPTS	31.03.2023	31.03.2022	PAYMENTS	31.3.2023
	Opening balance				
	- Cash at Indian bank		55,671,239	SIPCOT	
12,963	- Cash in Hand	12,463		Association Renewal Expenses	
2,969,840	- Cash at Bank (SBI - Admin)	3,022,285		Project Expenses	
	- Cash at Bank (SBI - Infra)		2,942,995	Project consultancy charges	
640,464	- Kotak Mahindra Bank	664,485	80,769	Road Sharing expense	
			3,185,202	HWTSDF Expenses	
			22,538	HWTSDF Audit Expenses	2,400
58,856,441	Tamilnadu Waste Management Limited	-	1,057,500	HWTSDF Compliance Advocate Fees	-
			40,942	HWTSDF Food Expenses	
			4,200	HWTSDF Hotel Expenses	
3,025,029	Reimbursement from Tamil Nadu waste management	6,322,736	1,826,473	HWTSDF Maintenance Charges	
			162,909	HWTSDF Travel Expenses	192,258
10,422,425	Total Subscripition collection (Admin and Infra incl GST)	19,481,579		HWTSDF Utility Charges	
26,551	Advance Receipts		1,706,369	HWTSDF water bil	4,615,047
212,000	Registration Fee				
400,894	Unidentified Subscription				
24,022	SB interest Kotak Mahindra Bank	28,641	135,448	Advances to employees	
	Income Tax Refund	190,879	41,860	Training	
	Seminar Fees	4,950	100,542	Printing and Stationery	
	SIPCOT	178,618	5,802	Newspaper	
	Interest on FD	149,721	40,474	AMC expenses	15,340
			8,509	Bank Charges	12,341
			143,465	Common Area Maintenance	
			298,800	Electricity Charges	332,098
			101,309	Food Expenses	
			28,000	Housekeeping Expenses	47,234
			36,680	Membership Subscription	
			110,022	Office Maintenance	69,317
			58,038	Office Purchases	163,226
			14,125	Postal expenses	47,187
			368,127	Property taxes	840,000
			354,900	Services Charges	
			204,506	Software Maintenance	167,482
			283,766	Software Subscription	12,744
			3,120	Staff Recruitment	66,934
			9,469	Staff Welfare	
			23,213	Telephone Expenses	
			24,250	Seminar expenses	937,298
			92,175	Admin Travelling	
			48,966	Advertisement Expenses	26,496
			7,284	Boarding & Hotel Expenses - Admin	17,280

			38,978	Cheque Return	
			235,941	Consultancy Charges	809,750
			2,555	Water Expenses	
			9,382	Internet Expenses	
			174,000	Sponsorship	353,840
			-	Ayudha Pooja Expenses	40,990
			-	Fixed deposit	9,000,000
			3,098	EC Meeting Expenses	129,501
			-	EC Meeting Housekeeping Expenses	
			-	Electricity Charges - RVM	
			795,876	GST	3,364,391
			-	GST Late Fee	-
			216,519	TDS Paid	338,353
			-	HWTSDf Sipcot interest charges	
			35	Miscellaneous Expenses	
			-	Printing & Stationery - Project	
			-	Project Expenses Kamaraj university	
			-	Asset Purchase	2,056,588
			-	RVM Campaign Expenses	
			117,000	Salary Housekeeping	
			2,045,474	Salary	3,326,747
			8,552	GES Stamp	
			-	Advance	14,620
			-	TRAVEL EXPENSES - PROJECT	160,685
				Audit Expenses	108,000
				Accounting Charges	189,000
				Miscellaneous Expenses	
				AGM Meeting Expenses	281,665
				CSR Expenses	183,250
				Closing Balance	
			12,463	- Cash in Hand	12,463
				- Cash at Bank	
			664,485	Kotak Mahindra Bank	342,847
			3,022,285	SBI Admin	1,778,985
				SBI Infra	
76,590,629		30,056,357	76,590,629		30,056,357





Regd.No 256/2002

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION

No: 409, Ten Square Mall, 3rd Floor,

No: 64, Jawaharlal Nehru Salai,

Koyambedu, Chennai- 600107.

Ph.No: +91 44 4552 2655/ 2479 8069

E-mail: contactus@iwma.in



RECYCLING



RAINWATER
HARVESTING



WASTE
MANAGEMENT



WATER
CONSERVATION



CLIMATE
CHANGE



RENEWABLE
ENERGY



GLOBAL
WARMING



WASTE
REDUCTION