

Celebrating **5 Years** of Social Impact and Innovation in
Sustainable Waste Management





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Message from the CEO

Green Worms was founded in 2014 on three key principles, Minimize the waste generation, Divert the waste from landfills and Oceans and dignify people working in the waste management sector. The journey was very humble, with no prior knowledge or experience, two young minds from a very remote village in Kerala started a sustainable waste management initiative to contribute their bit to see a better world around them.

Five years down the line, Green Worms has emerged as one of the most trusted and reputed waste management organizations, growing from managing 300 kgs of waste in 2014 to 50,000 kgs in 2019 per day. Strictly adhering to its key principles, green worms has come up with many innovative and award winning eco-friendly solutions to divert waste from landfills & Oceans. Some of its eco-friendly novel initiatives like Zero Waste Weddings and green destruction of expired products have received wide accolades from different strata of the society.

We have worked with many government, business and community organisations alike over the past five years to bring about maximum impact in the waste management sector by introducing of various products, services and awareness programs.

Green Worms envisage to become a technology driven sustainable waste management organization with special focus on mitigation of ocean plastic pollutions.

As we celebrate 5 green years, we embarked on a larger journey of scaling our operations to create more jobs and to protect our environment. We are scaling our R&D to open a Co-create Circular Labs aims to engage citizens, scientists, innovators, brand owners and various stakeholders to work on innovative circular economy based models in the field of plastic and waste management. Our Co-create Circular Labs acts as a launchpad for designing and implementing various Projects.

I use this platform to thank all our shareholders, customers and the vibrant and amazing team members and partner organisations for your unstinting support and affection and inspiring us to do our best.

We look forward to work with you all collectively!

With warm regards,

Jabir Karat
(Founder & CEO)



Jabir Karat
(Founder & CEO)





Company Name: **Green Worms Eco Solution LLP**

Founding year: **2014**

Company CIN: **AAC-9120**

GST Number: **32AAOFG8683M1ZN**

PAN Number: **AAOFG8683M**

Corporate Office:

**140 B, The Crest Building,
Varakkal Road Junction, West Hill Chungam,
Kozhikode(Calicut), Kerala, 673005**

Regional Offices:

Kochi - Hyderabad - Chennai

Website: **www.greenworms.org**

Who We Are

Green Worms is a social impact-oriented waste management organization. Our goal is to protect regions more vulnerable to climate change, particularly the coastal regions through sustainable solid waste management practices with more emphasis on mitigation of oceanic plastic pollution. To achieve this end, we collaborate with government bodies, local communities and business firms, strictly adhering to our vision.

In our journey to protect the environment, we also focus on empowering rural communities through the provisions of dignified jobs as well as opportunities to become 'Wastepreneurs'.

OUR VISION

A world with zero-waste, by creating a circular economy where resources are used efficiently and effectively

OUR MISSION

To protect our climate vulnerable regions by creating and implementing innovative and eco-friendly solutions for better waste management, while advocating best-practices for sustaining resources.



Our Solutions for Sustainable Waste Management

01 Advocacy in waste management for Govt local bodies

02 Services to Waste Generators

03 EPR Compliance

04 Destruction of Expired and Damaged Products

05 Zero Waste Events

06 Ocean Plastics Recovery

07 CSR initiatives for Companies

08 Academy of Waste Management

09 Co-create Circular Labs



Advocacy in waste management for Govt local Bodies

Greenworms works with Government local bodies such as the Panchayats and the Municipalities (ULBs) to provide capacity building consultation about Municipal Solid Waste (MSW) management. Green Worms procures solid waste from the Panchayats and the Municipalities for recycling or co-processing. Additionally, we set up and manage Material Recovery Facility (MRF) for ULB's/LSG's.

Working with
50+ Govt Bodies



Training for Staff



MCF & MRF Management



Scientific Disposal of Waste

Services to Waste Generators

Green Worms works with various business organisations to manage their waste. We manage pre-consumer and post-consumer waste through our advanced procurement and disposal technology. We also provide Waste Collection Certificates for our partners

Serving **150+**
Waste Generators



Corporate Parks



Hospitals & Clinics



**Hotels, Resorts
& Restaurants**



Retail stores & Malls



Industries



Educational Institutions

Note: We are currently offering bulk-consumer services only in Kerala

EPR Compliance

In 2016, the Government of India introduced the Plastic Waste Management rule which requires the producer companies and the brand owners to collect, treat and dispose packaging waste of the consumer products.

We engage with the producer companies to meet this in accordance with the norms set in the Extended Producer Responsibility (EPR) policy.

We recover, segregate and transport the plastic wastes to the recycling or co-processing units. Additionally, we conduct awareness programs to the consumers & various stakeholders of plastic. We believe in ethical procurement of plastic waste adopting to the Standard and Ethical Operational Guidelines.



Producers or brand owners
manufacture and package products



Retailers sell the products



Consumers purchase the product



Take back programs; retailers take back,
collection sites & local governments



Plastic waste Recycling or Co-processing
(funded by producers and brand owners)

Serving **10+**
Brand Owners

Destruction of Expired and Damaged Products

Green Worms provides scientifically tested eco-friendly solutions to the manufacturing companies in the FMCG Industry for the destruction of their expired and damaged products.

We currently work with major brands to tackle their expired, damaged and recalled products. We also provide reverse logistics as an add on service.



Expired products



Damaged Products



Recalled Products

Types of Products we work with:



Toiletries



Beverages



Food Products



Retail Products

Serving **10+**
FMCG Companies

Zero Waste Events

Green Worms renders pragmatic, sustainable and complete waste management solutions to all kinds of events. The Waste Management Rules, 2016 made the event organizers responsible for ensuring proper segregation of waste in any event attended by more than 100 people. Our concept of Zero Waste Events are designed to address this issue.

All the wastes generated during a zero-waste event are reused, recycled and composted. The goal is to prevent anything ending up in landfills.

Why Zero Waste Events:

- > To ensure the government Regulations
- > To boost the PR & Public reputation
- > To get a certificate for the Zero Waste Event
- > To engage and educate the participants in zero waste activities

We Take up Events such as:



Sports Events



Business Conferences



Roadshows & Exhibitions



Festivals any large-scale Events



Supported
50+ Events

We have successfully managed large scale events including the annual Cochin Carnival which has 3 Lakhs Visitors.

Oceans Plastic Recovery

Green Worms work with Brand Owners, Government bodies & other key stakeholders to recover Plastics from the seas, rivers & coastal regions. We engage local women, fishermen & grassroots communities to help and recover plastic waste. The collected plastic wastes are stored in our Material Collection Facility (MCF) centres. At MCF, the recovered plastic is cleaned and segregated. The segregated recyclable Plastics shall be carried to the recycling units through Green worms' partners. The non-recyclable Plastics are transported for co-processing.

We are working with the ULBs in Lakshadweep to recover Ocean bound Plastics

Through our Ocean plastic recovery initiative, we not only contribute to protecting our environment but also create livelihood opportunities for the local women residing in the coastal regions.



CSR initiatives for Companies

Green Worms works with Brand owners and MNCs in their CSR initiatives for the improvement of the Waste Management sector. We curate and implement various programs in compliance with the Client's objectives and UN SDGs.



Women Empowerment:

The other side of our commitment to the environment is the empowerment of women. Through our labour-intensive MRF units, we not only provide them employment opportunities but also recognise and dignify their labour.



Nurturing Micro Entrepreneurs:

We mentor & nurture individuals to become social Entrepreneurs in the field of waste management and monitor their day-to-day business operations.



Awareness & Capacity building:

We conduct awareness & capacity building programs on waste management & plastic pollution for Schools, colleges and corporates.

Initiatives by Green Worms

Academy of Waste Management

Academy of Waste Management is an initiative by Greenworms to provide Information, Education & Communication(IEC) on Waste Management through means of various Online & Offline programs for the Youths & the working professionals.



"The Waste Management sector requires urgent attention & great effort to ensure public health, hygiene & Biodiversity. There is a need for awareness, education and proper training among the Youths & the working professionals on Waste Management & its challenges. The ever-growing Waste Management sector needs to create more job opportunities to attract the young talents in its growing process"

Key activities in Academy of Waste:

- **Workshops**
- **Training Programs**
- **Field Trips**
- **Online Courses**
- **Research Projects**
- **Corporate Programs**



Co-create Circular Labs

Co-create Circular Lab is a R&D initiative of the Green Worms. The idea behind the Co-create Circular Lab is to bring together Citizens, Scientists, Innovators, Brand Owners & various other stakeholders and engage with them to work on innovative circular economy based models in the field of Waste Management

Key objectives:

- **Network Building**
- **Co-creation & Open Innovation**
- **Collaboration & knowledge exchange**
- **Conduct Pilot projects for testing & validating new ideas**
- **Mentorship for Innovations to evolve into Social-Impact & Commercial models**



Our Social Impact

140+

Dignified Jobs
created

— — — — —

27720+

Tons of Waste
Recycled

— — — — —

500000+

Tons of Carbon
Emissions saved

— — — — —

50+

ULBs partners
& collaborators

— — — — —

150+

Consumers
(Brands & Companies)

— — — — —

Our Presence

Kerala

- Kozhikode
- Kochi
- Thiruvananthapuram

Karnataka

- Mysuru
- Bengaluru

Tamil Nadu

- Tiruppur
- Chennai
- Nagercoil

Andhra Pradesh

- Vijayawada
- Guntur

Telangana

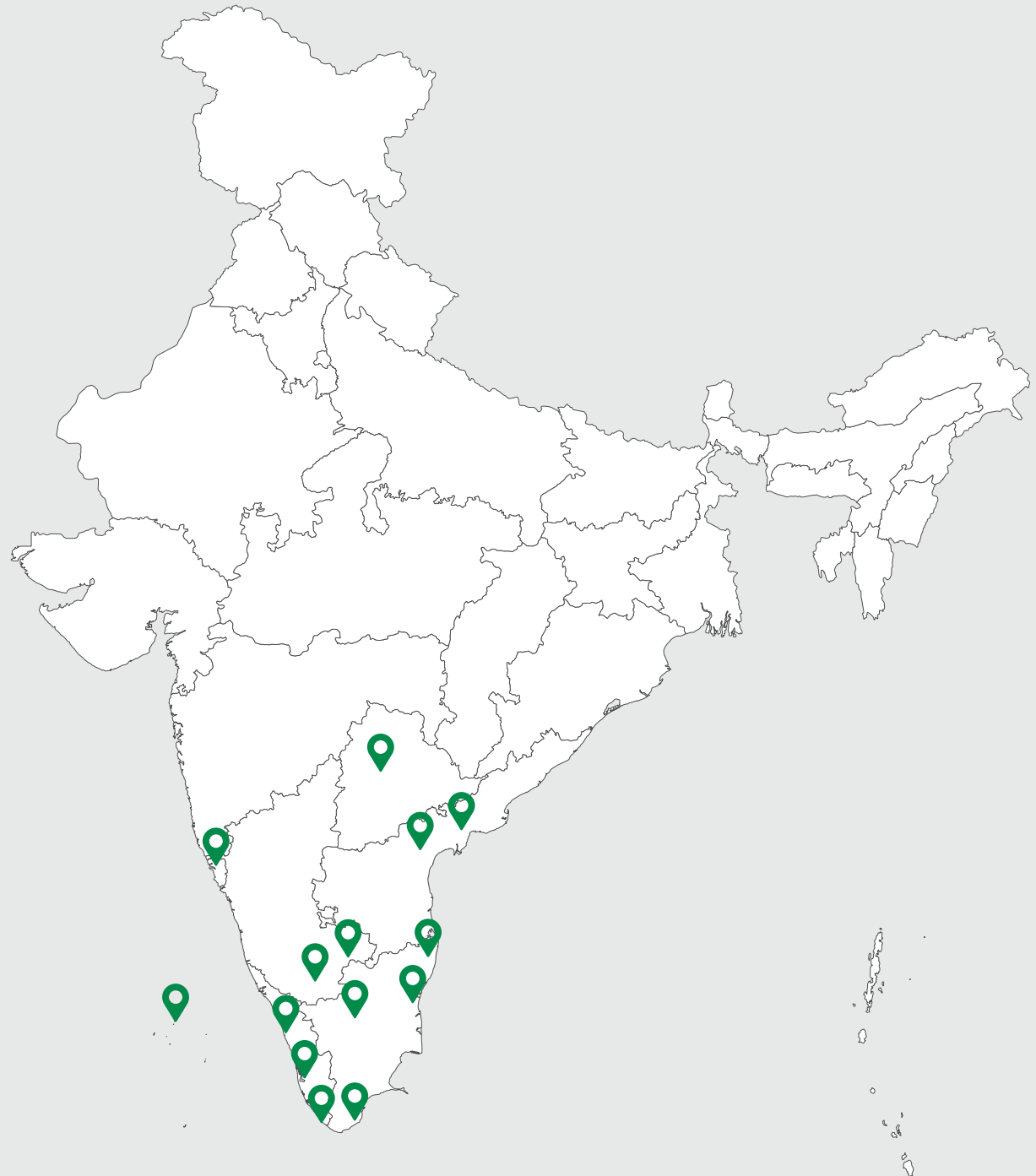
- Hyderabad

Goa

Pondicherry

Lakshadweep

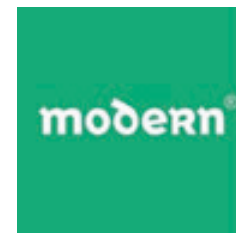
- Kavaratti



Accreditations and Certifications

- 01** Certified by Suchitwa Mission for Waste Management
- 02** MRFs approved by Kerala Pollution Control Board (KPCB)
- 03** Authorized Consultant of Haritha Kerala Mission for training ULBs & LSGs on Waste Management
- 04** Official partner of Clean Kerala Company for co-processing

Our Clients



Endorsements



Meet jabir Karat, Kerala's Waste Management warrior. A student, a ragpicker and a social entrepreneur Here's the inspiring story of Jabir karat who wants to change the waste management scenario in Kerala

Mr, Shashi Tharoor
Member of Parliament(MP)



I would like to acknowledge & certify that Mr. Jabir karat & his company Green Worms are instrumental members within the team of Advisors for design, planning & implementation of Zero Waste project in Kozhikode, besides being an important stakeholder and service provider, for the collection, segregation, recycling and further processing of Waste.

U. V Jose IAS
Former District collector of Kozhikode District



Mr. Jabir Karat, Founder of Green Worms, is a young entrepreneur with a unique vision, instead of finding better paid jobs, he has chosen to collect the garbage, Jabir's novel idea of events waste management had succeeded in many places like conferences & other large gatherings, i recommend Jabir & team to manage any large scale events waste management"-

Dr. Thomas Issac
Finance minister, Kerala



Green Worms has done an amazing job at my son's wedding by making the whole event 'zero waste'. It is a great concept which needs to be encouraged and replicated. I wish team green worms all the success in their future endeavours

Dr. M.K. Muneer
Former panchayath and social justice minister



Awards and Recognitions

01

Recipient of the prestigious 'T. R. Raghulal Sustainability Innovations Award', 2019

02

Listed among the 10 Most Promising Waste Management Service Providers in 2020 by Silicon India.

03

Winner of Karma Sreshta Award, 2019

04

Incubated from AIMS Smart City Accelerator program in partnership with Ashoka University, ISB Hyderabad & Microsoft India.

Contribution to SDGs

Green Worms is contributing to a few of the United Nations Sustainable Development Goals(SDGs):



SDG 1 - No Poverty

Green Worms is creating dignified Jobs & Entrepreneurs in the Waste Management Sector to eradicate Poverty



SDG 11 - Sustainable Cities and Communities

Green Worms provide consultations to Urban Local bodies on effective Waste management & ethical procurement of recyclables & non-recyclables waste to ensure effective Recycling & Co-processing



SDG 13 - Climate Action

We implement and integrate climate action programs such as carbon offsetting in our Waste management Projects



SDG 12 - Responsible Consumption & Production

Through our R&D department and Co-create Circular Labs, we are developing circular models to engage the Brands owners to adopt & implement eco-friendly innovative technologies & practices collectively



SDG 14 - Life Below Water

Green Worms is implementing mitigation of oceanic plastic pollution & recovering plastics from the Oceans



In the News

NDTV

<https://www.ndtv.com/jobs/i-am-a-ragpicker-i-collect-waste-inspiring-journey-of-a-delhi-university-post-graduate-1757373>

Hindu

<https://www.thehindu.com/todays-paper/tp-national/tp-kerala/where-waste-is-turned-into-wealth/article18366994.ece>

Manoramaonline

<https://english.manoramaonline.com/lifestyle/news/2019/10/01/jabir-karat-kozhikode-green-worms-plastic-waste-management.html>

Yourstory

<https://yourstory.com/2018/01/120-employees-5-districts-rs-2-5-cr-annual-turnover-kozhikode-based-green-worms-turning-trash-money>

India Today

<https://www.indiatoday.in/magazine/anniversary-issue/story/20191230-how-the-waste-was-won-1630082-2019-12-23>

Indian Express

<https://www.newindianexpress.com/cities/kochi/2018/mar/14/towards-a-waste-free-society-1787144.html>

EDEX Live

<https://www.edexlive.com/40-under-40/2019/jun/11/this-kozhikode-environmentalists-start-up-effectively-manages-negative-value-waste-heres-how-6570.html>

Deccan Chronicle

<https://www.deccanchronicle.com/nation/in-other-news/090218/kozhikode-youngsters-war-on-waste-sets-a-model.html>

Your Story

Startup Bharat - <https://yourstory.com/2019/03/startup-bharat-kerala-tech-innovation-dwk6x0d239>

Better India

<https://www.thebetterindia.com/48340/meet-jabir-karat-man-on-a-mission-to-manage-kerala-waste-green-worms/>



Team



Jabir Karat
Founder & CEO



Jamsheer Mohammed
Director (Operations)



CKA Sameer Bava
Director (Projects)



Chaitanya
HR



Fazil Sainudheen
Finance & Audits



Reshma Manoj
Customer Relations



Akshay Gunteti
Head of Partnerships



Subair Pallath
Senior Manager, EPR



Sreerang Kuruvat
Project Manager,
Govt projects



Marwan PJ
Head of EPR

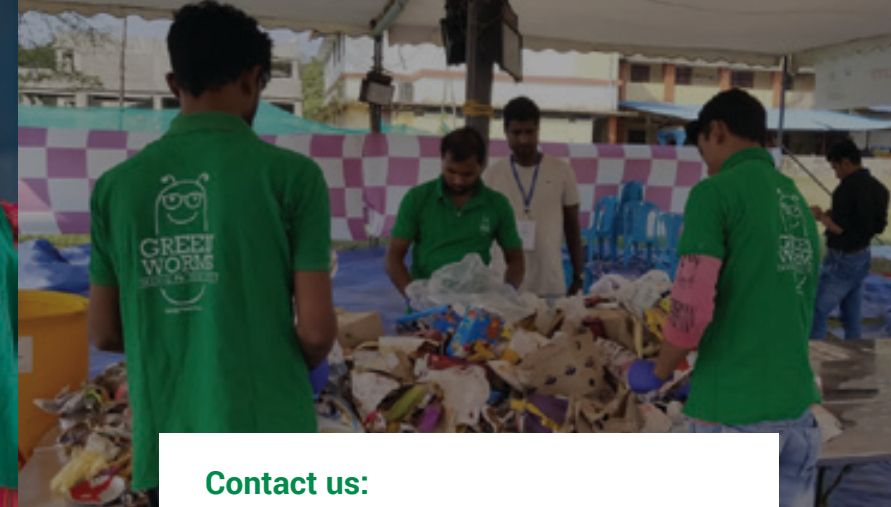


Contact us



Celebrating **5** Years
of Social Impact
& Innovation

“From our humble beginnings in 2014, Green Worms has expanded rapidly. The one thing that unite us is the zeal to achieve a zero-waste world. we do our bit to make scientific waste managment a way of life”



Contact us:

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Founder & CEO

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(Head of Partnerships)

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