



RECYCLE ORGANICS

Reducing Methane
From Waste

RECYCLE ORGANICS IMPACT REPORT

Scaling Organic Waste
Solutions Across the
Global South

JUNE 2026



Key takeaways and future opportunities

Key takeaways

- **Deep technical experience and clear pathways for methane mitigation:** Recycle Organics combines policy design, project pipeline development, and capacity building tailored to local contexts in the global south to help countries reduce emissions and advance their Nationally Determined Contributions (NDCs) and Global Methane Pledge commitments.
- **Multi-level governance and capacity building drive implementation:** The program supports alignment across national and subnational governments with practical roadmaps and specific project opportunities that strengthen technical and institutional capacities enabling the effective implementation of policies and the development of robust project pipelines.
- **A leading and rapidly growing project portfolio in the field:** Recycle Organics has developed a robust portfolio of organic waste management projects across Latin America, the Caribbean, Africa and Small Island Developing States (SIDS). To date, 75 projects have been identified and supported, representing a pipeline with the potential to mobilize more than USD \$34 million in capital investment and mitigate 3.4 M tCO₂e in 20 years.
- **A pioneer in non-market climate cooperation:** Recycle Organics became the first initiative in Latin America and the Caribbean registered under Article 6.8 non-market approaches, supporting voluntary cooperation through finance, technology transfer and capacity building to advance climate action.
- **Capacity-building maximizes policy outcomes:** Policies alone are insufficient without the technical and institutional capacity to operationalize and implement them. Training programs for municipalities and practitioners are key to translating policy into actionable measures.
- **A trusted hub in the ecosystem:** Recycle Organics acts as a platform connecting governments, technical experts and financial partners, helping to align efforts across the methane mitigation and waste management community.

Why maintaining the momentum and scaling matters now

- **Countries must deliver on climate commitments:** Governments need concrete solutions to meet NDC targets and Global Methane Pledge goals by 2030, yet a significant financing and implementation gap persists.
- **Closing the implementation gap:** Many countries supported by the Recycle Organics Program are currently adopting policy frameworks for organic waste, creating a strong foundation for action. Building on this momentum, continued support is essential to advance implementation, scale existing efforts and translate this progress into sustained, system-wide impact. Recycle Organics enables countries to accelerate project implementation, strengthen regulatory frameworks and drive systemic changes in organic waste management.
- **Momentum across global initiatives:** International efforts to reduce methane emissions are creating strong momentum for action in the waste sector. Initiatives led by United Nations Environment Program (UNEP) and Climate and Clean Air Coalition (CCAC), and other international organizations are increasing demand for implementable solutions and investment-ready projects to accelerate methane mitigation and improve organic waste management systems. Recycle Organics aligns with these global efforts by supporting countries in developing actionable policies, scalable projects, and long-term sector transformation.



Next phase opportunities

- **Expanding to new countries:** Over the past three years, Recycle Organics has expanded to more than 10 new countries, spanning diverse regions and continents—from Togo to Argentina. The program is now well positioned to build on this momentum, supporting additional governments in designing robust interventions that both strengthen enabling conditions and deliver practical solutions to reduce methane emissions from organic waste.
- **Connecting projects with finance:** Recycle Organics has amassed a dynamic network of technical partners and financial institutions that can help facilitate matchmaking between projects and investors.
- **Leveraging national networks:** Building on existing partnerships and carrying the unique institutional knowledge gained from each country in which it operates, Recycle Organics can accelerate the implementation of sustainable organic waste management technologies.



Why & how Recycle Organics works

Recycle Organics (RO) works to promote organic waste management practices, accelerating the implementation of projects and policy to reduce methane emissions and close technical, capacity and funding gaps.

RO takes a holistic, programmatic approach to organic waste management, integrating near-term opportunities with long-term enabling conditions to achieve lasting, systemic impact. In 2025, Recycle Organics strengthened its role as a catalyst for climate action by mobilizing and managing USD \$7.8M in donor capital to lead the development of eight priority waste sector projects across the Global South. Through targeted technical and financial assistance, the program has accelerated projects that mitigate methane emissions while advancing policies that foster long-term enabling conditions, reduce disposal costs and generate local value.

The program maintains an active presence across the Global South, with a strong focus on Latin America and the Caribbean (LAC), as well as SIDS. Originally developed in Chile in 2017, Recycle Organics has expanded its reach to 25 beneficiary countries over the past eight years, reflecting both growing demand and the program's ability to deliver scalable, context-specific solutions.

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Canada is proud to support this work, through the Recycle Organics project, with an \$8 million climate finance contribution. We're also helping to strengthen food systems and build more resilient communities. The Recycle Organics project demonstrates the effectiveness of international collaboration in achieving our shared objective of reducing global methane emissions by at least 30 percent by 2030 through the Global Methane Pledge.



Julie Dabrusin

Canada's Minister of Environment
and Climate Change

Recycle Organics is led by the Center for Clean Air Policy (CCAP) and ImplementaSur, in close collaboration with national and local governments, regional agencies and strategic partners. These include Environment and Climate Change Canada (ECCC), the Global Methane Hub (GMH), the Climate and Clean Air Coalition (CCAC) and the United Nations Environment Programme (UNEP) Global Coalition to Close Open Dumpsites. This partnership model enables coordinated action across policy, finance and implementation, ensuring that interventions are aligned with national priorities and global climate agendas.



The program enables countries to operationalize their climate commitments by strengthening NDC ambition and delivery, directly contributing to the Global Methane Pledge's 30% reduction target by 2030. Aligned with global climate frameworks and commitments on methane mitigation and organic waste management, including recent Conference of the Parties (COP) declarations such as the NOW! (No Organic Waste) global initiative, supported by GMH, to accelerate solutions aimed at reducing methane emissions from organic waste by 30%, Recycle Organics helps create the policy, technical and financial conditions needed to mobilize climate finance, develop investment-ready project pipelines and unlock opportunities for Article 6 cooperation and results-based climate action at scale.

Beyond mitigation, organic waste solutions generate significant co-benefits, including improved public health, soil restoration, green jobs, food security and enhanced climate resilience.

Methodology and areas of intervention

Recycle Organics operates through an integrated 3-pillar model that connects policy, projects, finance, capacity building and monitoring, ensuring both immediate emission reductions and long-term structural transformation.

Areas of intervention



1 Accelerating project development

Tailored technical assistance for countries to support the design, structuring and implementation of methane mitigation projects, including:

- Prefeasibility studies.
- Business model assessment and financial analysis.
- Estimates for emissions reduction potential.
- National and subnational investment plans.
- Guidance for project design, operation and procurement.
- Implementation roadmaps.

This support is applied across a range of organic waste management solutions, including composting (home, community and large-scale), anaerobic digestion, landfill gas capture, Black Soldier Fly (BSF), biochar and other valorization technologies.

2 Advancing policy frameworks

Developing the enabling conditions to incentivize the long-term implementation for mitigation actions through:

- Designing and structuring policy instruments such as laws, bills, regulations, decrees, ordinances and standards.
- Creating planning tools, including solid waste management strategies, implementation plans, roadmaps and policy guidelines.
- Integrating organic waste goals and targets into national climate commitments in NDCs.

3 Capacity-building and knowledge sharing

- Facilitating national workshops and technical training.
- Establishing knowledge-sharing networks to promote south–south collaboration.
- Developing knowledge products, case studies and operational manuals.
- Fostering institutional readiness for national and subnational governments.
- Formulating behavioral change analyses to increase community and stakeholder engagement and raise awareness.

Additionally, Recycle Organics helps countries build investment-ready project portfolios, identify funding opportunities, prepare financing proposals and develop investment planning tools. These efforts structure and cultivate bankable solutions that can mobilize public and private capital.

In parallel, RO develops MRV frameworks to ensure accurate results tracking, including national data collection methodologies, greenhouse gas (GHG) estimation tools aligned with the Intergovernmental Panel on Climate Change (IPCC) guidelines and monitoring protocols for waste management projects.

Policy development & strategic planning

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Recycle Organics is something that I believe is one of the most effective ways for waste management for Small Island Developing States. I am happy that Grenada has been a recipient country of this program. And I know definitely that all of our stakeholders who would be beneficiaries of this program will harness this program, and they will ensure that every person in every household would be involved in the process.



Kerryne James

Grenada's Minister for Climate Resilience, the Environment and Renewable Energy

30



Policy and planning instruments set enabling conditions for source separation and organic waste management

14



National governments developed policy instruments

11



Subnational governments received policy support

Policy and regulatory development, together with strategic planning, are a crucial part of the equation as they set up an enabling environment for methane mitigation projects to be successful.

A new policy may not directly reduce emissions as implementing a new mitigation project does, but it can lay the groundwork for that project to be successful, operational and replicable over the long term. Investing in a mitigation project will reduce emissions, but a single project could be fragmented or disconnected from broad enabling conditions or from other climate initiatives. Investing in policy and regulatory changes can enhance the entire roadmap for implementing multiple projects. One is a sprint—we want to reduce emissions as quickly as possible—and the other is a marathon—we want to systemically transform sectors so they can move toward net-zero emissions. Fortunately, the two are not mutually exclusive.

RO's work has allowed the program to come up with a public policy toolbox and key public policy recommendations for countries to reduce waste-sector methane emissions. This is evident in the Recycle Organics' [Methane Mitigation Public Policy Recommendation Report](#), which is available in Spanish and English.

The full list of Recycle Organics policy tools can be found in the figure below:

Recycle Organics Policy Tools:

 Mandates	 Goals and targets	 Incentives	 Financing mechanisms	 Taxes, Tax Exemptions and Subsidies	 Standards and Certifications	 Sanctions	 Waste management information system	 Training and education programs	
Landfill gas collection and flaring	Organic waste recovery targets	Environmental awards or recognitions	Fee collection through existing utility bills	Landfill tax	Certifications for compost/ digestate commercialization	Sanctions for illegal dumping/ waste burning	Waste stream characterization	Training programs for public officials	
Quality parameters for the provision of organic waste management services		Pay as you throw: Charges by weight	Guarantees from public development agencies to reduce risk and engage local banking sector	Green taxes on GHG emitting sources				Training programs for composting facility personnel	
Licensing and permitting processes		Incentives and/or requirements for regional inter-municipal work	Dedicated funds at national level to implement mitigation projects, including landfill gas capture					Training and education programs for citizens	
Land use restrictions	National-level sectoral methane emission reduction targets	Incentives for municipalities receiving waste management infrastructure improvements	Structuring of investment funds targeted at the municipal level	Tax exemptions for the purchase of equipment/ machinery for GHG emission reduction projects	Public procurement standards (pre-established contract models)	Sanctions for solid waste management service providers	GHG / Methane inventories	Knowledge-sharing programs	
Stakeholder engagement mechanisms		Behavioral economics applied to promote proper waste management	Carbon markets	Tax exemptions for compost and digestate				Sanctions on the salaries of the responsible authorities	Organic agriculture programs
Require use of compost and digestate in public procurement processes		Volume charges (bags/labels)		Subsidy systems for service charges					Certification programs to recognize businesses and schools
Regulations for the operation of valorization sites	Landfill diversion targets	Volume charges (waste cans)	Public-Private Partnerships (PPPs)						
Restrictions on the final disposal of organic waste		Incentives for the commercialization of energy generated from biogas							
Selective organic waste collection requirements for municipalities									
Source separation obligations for organic waste generators									

Mandates are the most basic and blunt set of tools but can be very effective. They set requirements on actors. A regulatory mandate example for large organic waste generators to divert their organics from the landfill can be found in Saint Lucia. In 2025, Recycle Organics drafted a regulation for the Saint Lucia Solid Waste Management Authority (SLSWMA) which featured a mandate targeted at large organic waste generators.



Regulation on Source Separation for Waste Generators, Saint Lucia:

The draft regulation on organic waste management for waste generators establishes mandates and incentives for all waste generators to separate organic waste at the source and divert it from final disposal at the Deglos Sanitary Landfill. The text introduces **requirements for organic waste source separation** for commercial, institutional and residential generators and sets **future bans for final disposal starting with green waste**. In parallel, it also includes requirements for waste collection companies to provide separate collection services. All activities will be introduced in a progressive phased approach to allow stakeholders time to adjust to implementation. The draft was validated by stakeholders, and once approved, it will provide the framework needed to expand organic waste diversion across the country.

Goals and Targets are part of strategic planning and can be set either at the national or municipal level. Targets can send signals to the private sector and attract development assistance. In 2025, Recycle Organics supported Fiji's Ministry of Environment and Climate Change in updating their NDC, providing analytical support to establish methane goals for the waste sector. In Africa, Recycle Organics also supported the Ministry for the Environment and Forest Resources (MERF) in Togo to develop a National Waste Management Roadmap for Togo and Action Plan for Greater Lomé, to address country's climate targets and waste management priorities.



Waste Methane Targets in Fiji's NDC

Recycle Organics, with financial support from the Climate and Clean Air Coalition (CCAC), supported Fiji to include specific targets for reducing methane emissions in the waste sector in the NDC update. These **targets were established to unconditionally capture and flare 170 GgCO₂e** generated at the Naboro landfill until 2035, develop and implement a National Solid Waste Management Strategy and divert organic waste from landfills to instead be transformed or valorized into useful commodities, primarily through composting and anaerobic digestion.



Togo's National Waste Management Roadmap and Action Plan for Greater Lomé

With support from CCAC, the Recycle Organics program, in coordination with the Government of Togo, developed a **National Waste Management Roadmap** and a complementary **Action Plan for Greater Lomé**. The initiative responds to Togo's climate targets, **including a 32% reduction in methane and a 28.1% reduction in total greenhouse gas emissions from the waste sector by 2030**.

Recognizing Lomé's central role due to its rapid urbanization and waste generation, the Action Plan defines priority measures at the city level, while the Roadmap establishes a national strategic framework aligned with the country's NDC. Together, these instruments provide a coordinated approach to reduce short-lived climate pollutants (SLCPs) and improve waste management systems. The Action Plan translates national objectives into implementable actions tailored to local conditions, ensuring alignment between national policy and on-the-ground interventions.



The Action Plan has been formally endorsed by the Ministry of Environment and Forest Resources (MERF), reinforcing political commitment and enabling implementation.

An enabling policy framework can be the difference between a project becoming bankable and replicable—attracting further investment—or a project being more fragmented—receiving the initial capital to be constructed but not able to recover the ongoing costs to remain operational.

Financing mechanisms can help make sustainable waste projects and programs bankable by improving cost recovery. Setting adequate fees and promoting private sector participation through Public-Private Partnerships (PPPs) are examples of the tools that can strengthen the financial sustainability of governments that provide waste services. The work supported by ECCC in Belize established both mechanisms in coordination with the Orange Walk Town Council.

In 2026, Recycle Organics will be working with the country of Kazakhstan to develop its own innovative financial mechanisms, leveraging carbon markets and risk-reducing mechanisms such as credit guarantees and longer loan tenors.



Residential Fees and Public Private Partnerships in Orange Walk, Belize

The Organic Waste Management Plan's development led to key high-level decisions to strengthen the financial and operational sustainability of waste management in Orange Walk. The Town Council approved the introduction of a **waste service fee** (BZD \$5 per week per household), expected to be piloted in April 2026, following at least two community meetings to assess willingness to pay and ensure local acceptance.

In parallel, the Plan facilitated the establishment of a **PPP with Belize Sugar Industries (BSI)**, enabling the valorization of municipal green waste through composting. Supported by the provision of a woodchipper and technical exchanges through the Recycle Organics Network, this collaboration provides a cost-effective and operationally viable solution for managing pruning residues while contributing to circular economy practices.

A robust policy and regulatory framework, supported by strategic planning, can help ensure that mitigation projects recover costs and are ultimately successful. Accurate data helps inform decision making. **Data collection and management** are essential, as effective management depends on accurate measurement. With support from ECCC, the Recycle Organics Program updated waste generation data in Grenada and strengthened Measurement, Reporting and Verification (MRV) mechanisms in Samoa.



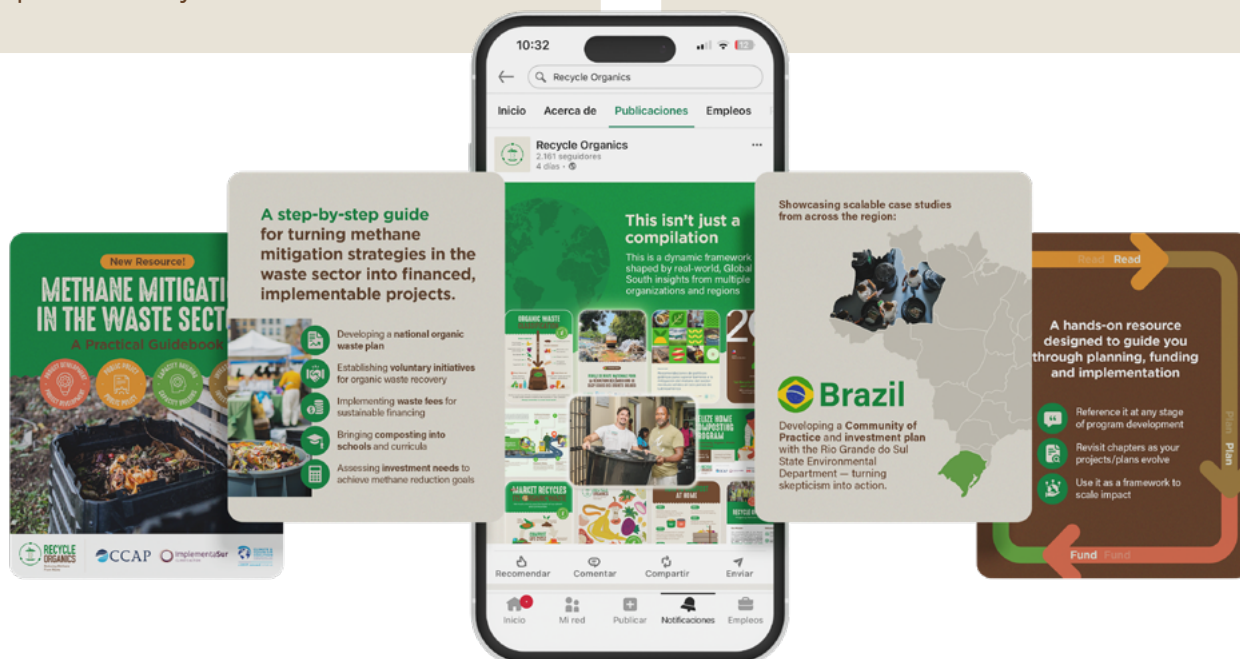
Waste Characterization Study, Grenada

RO in coordination with the Grenada Solid Waste Management Authority (GSWMA) performed a waste characterization study that provided disaggregated waste generation and composition data to inform decision making. Results sent a clear signal: **organics are the largest waste fraction, accounting for 31%** of what is sent to final disposal. The initiative also included training sessions that built local capacity and equipped government officials, local NGOs and waste service companies with the knowledge and tools to carry out future updates locally.



MRV Protocols in Samoa

In 2025, Recycle Organics supported Samoa to develop a **tailored MRV system for organic waste** management, fit to the country's needs and data availability. In addition to providing a framework for ongoing methane emission quantification and reporting, a specific protocol was developed to more **accurately quantify the impact of composting projects**, whether at a household, community or landfill level.



A detailed guide on these policy tools and levers, what they are and how to implement them, including case studies from various country contexts, can be found in our publications, including our most recent policy development and strategy guidebook: [Methane Mitigation in the Waste Sector: A Practical Guide](#).

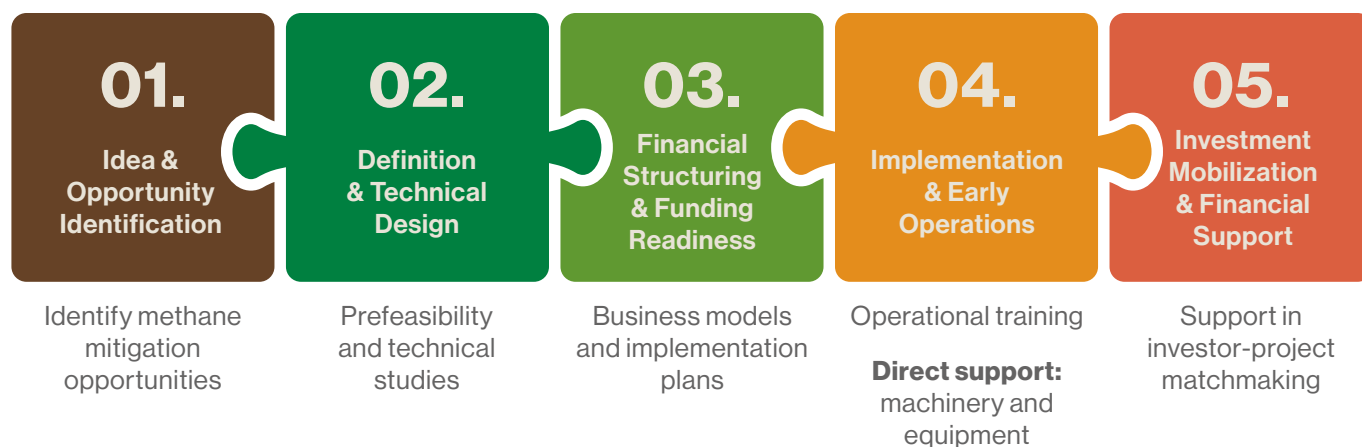
Working hand-in-hand with national governments and municipalities to design and implement these policy levers can be a slow but essential process for delivering long-term results.

Addressing implementation gaps through technical and financial assistance

In 2025, Recycle Organics supported the development of 75 organic waste management projects, helping move initiatives from early concepts to investment-ready projects to be implemented in the short-term.

Recycle Organics project development pathway

From opportunity identification to investment mobilization



1 2 3 Growing pipeline of waste management projects

Through the program, project development opportunities are identified and prioritized in participating countries based on criteria, such as implementation potential, stakeholder commitment and scalability.

Selected initiatives receive tailored support according to their needs, including prefeasibility

studies, business model assessments, implementation plans' development and financial structuring to strengthen investment readiness.

In 2025, projects supported through technical and financial assistance represent a pipeline of more than **USD 34 million in estimated capital investment**.

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By starting the conversation, building capacity and raising awareness, the [Recycle Organics] program is taking a meaningful step toward advancing waste management in Belize. At the household level, the home composting initiative is fostering a multigenerational shift in how waste is managed.



Alejandra Pedraza Luengas

Local Policy Consultant for Belize

Recycle Organics adapts organic waste management solutions to local contexts, project scales and feedstock characteristics, enabling flexible and context-specific approaches across diverse settings.

Technologies supported by Recycle Organics in 2025



Composting



Anaerobic



Black Soldier Fly



Landfill Gas
to Energy



Vermi-
composting



Biochar



Food Banks

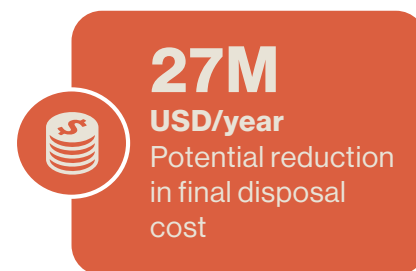
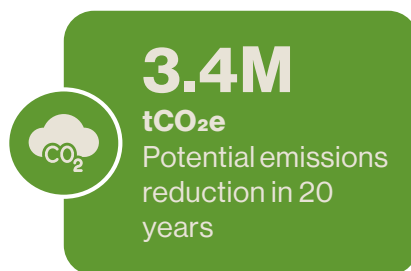
Through prefeasibility studies, the program evaluates different technologies for waste management. The program supports developers in the technical design, economic evaluation, business model assessment and the estimation of potential emission reductions and co-benefits across implementation scenarios.



Composting Facility at the Perseverance Landfill, Grenada

Recycle Organics supported this project through a prefeasibility study, continued technical guidance, technical training and climate finance acquisition. With this support, the PPP between GrenadaGrows and the Grenada Solid Waste Management Authority led to the **first composting facility being operated at the largest landfill in the country** in 2025, diverting more than 30 tons of waste from final disposal in its first 3 months.

Delivering environmental and economic benefits across the portfolio



In addition to these benefits, implementing the project portfolio has **further environmental and social impacts**, including job creation, soil restoration and improvements in sanitary conditions.



Pilot Community Composting at a School in Santa Rosa, Paraguay

Recycle Organics supported this project through a prefeasibility study. The expected benefits of the project extend beyond emissions reductions and economic gains by strengthening environmental education and community engagement.

The initiative is expected to impact approximately 1,000 students, who will participate in hands-on composting activities and learn how to manage organic waste and apply the resulting compost in the school's vegetable garden.

By embedding sustainable waste management practices into daily school activities, the initiative is expected to foster environmental awareness while creating healthier and cleaner conditions for the entire school community.

4

Implementation & early operations

Recycle Organics supports projects during the implementation and early operational phases by providing **targeted equipment and technical assistance** to strengthen and scale organic waste management operations.

Through the program, more than **USD \$465,000 in equipment was delivered in SIDS across the Caribbean and Pacific regions**, including key machinery such as chippers, shredders and loaders, helping municipalities and project developers enhance operational capacity and improve the management of organic waste on the ground.

5

Investment, mobilization & financial support

Recycle Organics supports waste management projects by strengthening their business models, supporting funding applications and identifying financing sources aligned with each project's scale and context.



In 2025, Recycle Organics mobilized over USD \$225,000 through its matchmaking process, helping unlock funding and advance projects toward implementation.



Community engagement



This initiative will greatly enhance our efforts to promote organic waste recycling and help transform the way we manage waste at the Lautoka Market.



Mohameed Anees Khan

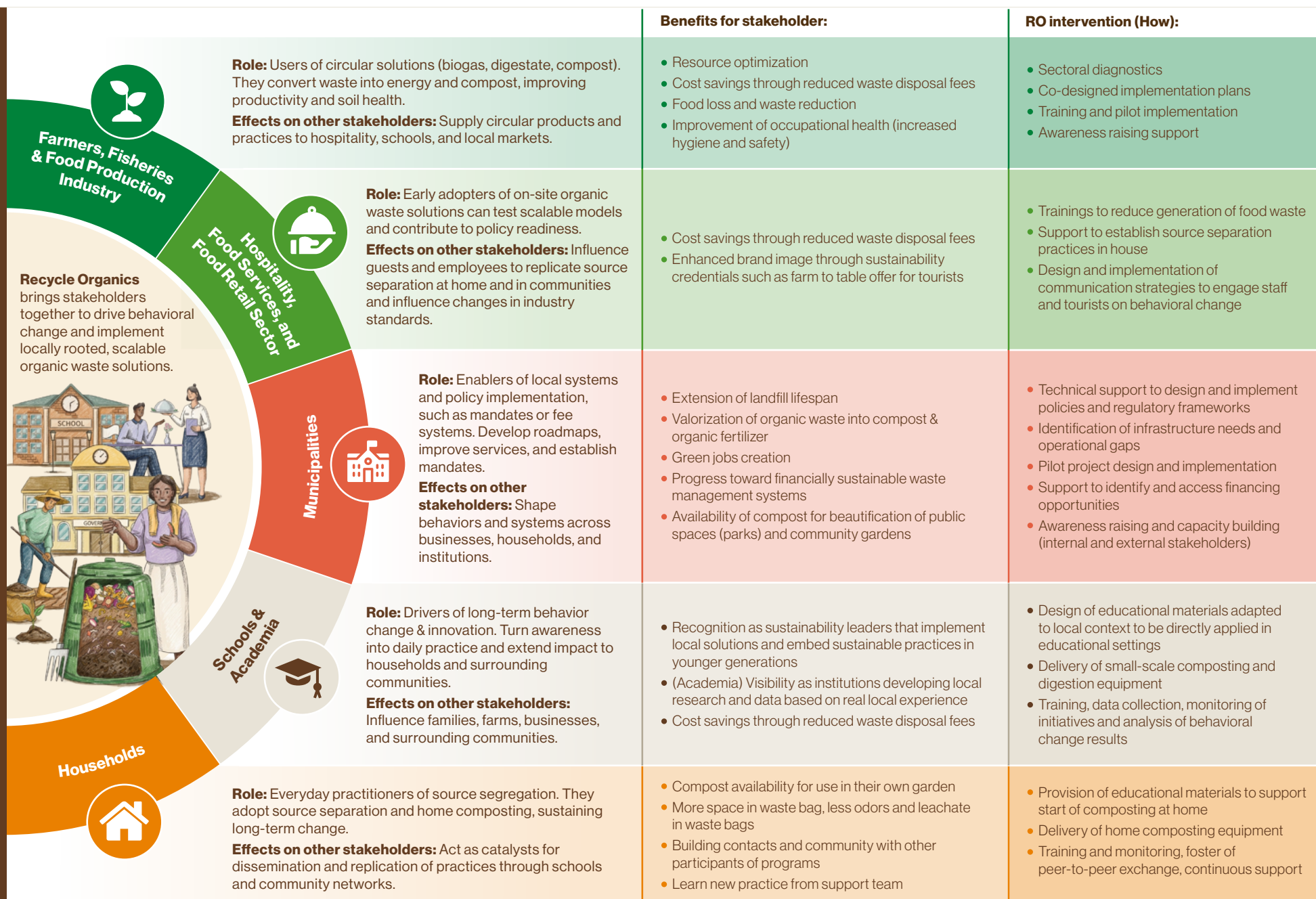
CEO of the Lautoka City Council (Fiji)

The Recycle Organics Program places community engagement at the center of its strategy, recognizing that sustainable organic waste management systems depend on informed, empowered and coordinated stakeholders. By working across municipalities, the private sector, educational institutions and local communities, the program strengthens local ownership and enables diverse actors to design, implement and scale solutions tailored to their country's unique context.

In 2025, Recycle Organics expanded its engagement footprint by **advancing home composting programs in 26 communities across six island nations**. The program also fostered collaborative networks that brought together municipalities, hotels, schools, universities and farmers creating a growing community of practitioners who are actively integrating source separation and organic waste treatment solutions into their daily operations. This multi-stakeholder approach ensures that interventions are not only technically sound but also socially embedded and locally sustained.



A multi-stakeholder ecosystem driving scalable organic waste solutions



A multi-stakeholder ecosystem driving scalable organic waste solutions

Recycle Organics connects diverse stakeholders (e.g., municipalities, businesses, farmers, schools, and households) to design together and implement organic waste solutions that are locally embedded, technically sound, and scalable.



RECYCLE ORGANICS

Reducing Methane From Waste

HOSPITALITY SECTOR & FOOD AND BEVERAGE SECTOR

Built a network of decision-makers to champion source separation and develop local composting facilities

SCHOOLS & ACADEMIA

Developed elementary school curricula and an awards program to raise awareness and inspire the next generation of environmental stewards

MUNICIPALITIES

Cultivated policymaker champions and advanced municipal organic waste action plans

FARMERS & FOOD INDUSTRY

Provided biodigesters, training, and practical advice for both commercial and subsistence farmers

HOUSEHOLDS

Provided home composting equipment and created a support group to share tips and best practices



Orchestrating stakeholders across the system



Cultivated networks of municipal leaders and policymaker champions



Created school curricula and youth engagement programs



Trained individuals, leaders, and communities



Provided equipment that supports long-term behavior change



Lessons to Scale: Recycle Organics Educational Programs

Behavior change is the foundation for success in organic waste management. Whether working with farmers, restaurants, hotels, or households, individuals need to change their actions, throwing the organic waste into a separate container and not the trash. This kind of daily change of activity is not necessarily hard but it is unique to the waste sector.

When the Recycle Organics (RO) program launched, education and outreach to various stakeholder groups was a priority for several of the targeted countries. The five targeted stakeholder groups are: municipalities, hotels, farmers, schools, and households. Each group represents a key but distinct segment of the population that is a major generator of waste but the approach and behavior change methodology is unique.

The RO Program designed stakeholder-specific educational interventions not as standalone awareness-raising efforts, but as enabling tools to support the adoption, scaling, and institutionalization of organic waste (OW) diversion by fostering social acceptance, institutional readiness, and alignment with forthcoming regulatory or implementation pathways. Thereby transforming the waste into valuable materials such as compost, biogas or other products.

The educational initiatives differ in target audiences, delivery formats, and implementation models, offering a diverse and complementary set of experiences. Together, they provide a rich evidence base and lessons learned to inform future organic waste education programs across SIDS and other comparable contexts.



Private sector engagement - Hospitality:

Recycle Organics supported the hospitality sector in building institutional readiness to separate and manage organic waste on-site, demonstrating practical, scalable solutions with the potential to inform future regulation and industry-wide adoption. A network of **22 hotels across 12 countries strengthened their capacity** in key areas such as food loss and waste reduction, organic waste treatment technologies and behavior change strategies to incentivize participation among staff and guests. This engagement highlights the private sector's role as both an innovator and amplifier for sustainable practices.



Municipalities:

The program enhanced local governance by **equipping subnational government teams with the knowledge, tools and peer-learning opportunities required to advance organic waste management strategies and investments**. Cities and towns developed locally grounded roadmaps through participatory processes that engaged councils, sanitation staff and technical advisors. These plans reflect on-the-ground priorities (from improving waste management in public markets to integrating environmental education into school curricula and addressing challenges such as illegal dumping) while contributing to more resilient municipal systems and reduced methane emissions.



Farmers engagement and circular solutions:

Recycle Organics supported farmers in Samoa through targeted training on anaerobic digestion, enabling small-scale producers to adopt biogas systems that convert organic waste and manure into renewable energy and nutrient-rich fertilizers. In Argentina, the program expanded this effort through capacity building with pig farmers and cattle slaughterhouses, strengthening awareness and technical understanding of how improved agro-industry waste valorization can reduce methane emissions, while generating productive co-benefits.

Recycle Organics also produced **two research reports on swine farms and slaughterhouses** that characterized waste streams, treatment practices and both sectors' potential for circular, low-emission solutions. These interventions contribute to GHG mitigation while delivering tangible co-benefits, including improved soil health, additional revenue streams, reduced energy costs and strengthened local circular economies.



School programs:

School-based programs played a critical role in driving long-term behavior change. By **introducing composting to 500 new students**, Recycle Organics facilitated hands-on learning that has translated awareness into daily practice. Students are currently separating organic waste at source in school kitchens, using compost in their school gardens and bringing this knowledge back to their households, extending the program's impact to families and surrounding communities.

Key Takeaway

Across all interventions, the Recycle Organics Program applies a pragmatic, evidence-based approach that builds on lessons learned and best practices from each country. By investing in capacity building, peer learning and inclusive planning processes, the program supports stakeholders every step of the way: from awareness and strategy development to practical implementation. This integrated approach is laying the foundation for the sustained adoption of organic waste management practices and long-term environmental and social impact.



Knowledge sharing & capacity building

South-to-South Learning

Recycle Organics has built a **strong South-to-South collaboration network** connecting local governments, public and private project developers, technical agencies and regional organizations working to reduce methane emissions in the waste sector.

To date, the program has engaged stakeholders from more than **30 participating countries**, creating a collaborative platform to facilitate peer-to-peer exchange and scale successful approaches globally.



Under Recycle Organics, the MetLAC Community of Practice (CoP) brings together institutions from **13 member countries** to facilitate technical exchange on methane mitigation. The community strengthens capacities for **project implementation and policy development** and is now expanding into a **second phase**, consolidating its role as a long-term platform for regional cooperation.

The CoP provides targeted technical assistance to member institutions, including government partners at national and local levels, private sector organizations, academia and civil society across Latin America and the Caribbean. This support

focuses on strengthening investment readiness, informing public policy and improving the technical and financial viability of projects that reduce methane emissions from organic waste.

The CoP also supported the evaluation of composting and anaerobic digestion initiatives in Chile, Argentina and Colombia, including socio-economic and financial assessments, business model development and recommendations to strengthen national education and outreach efforts under Chile's National Organic Waste Strategy, as well as the identification of key elements, recommendations and best practices on regulatory instruments applicable to large waste generators for the State Secretariat for the Environment and Infrastructure – Rio Grande do Sul, Brazil. These activities helped partners identify implementation pathways and build the enabling conditions needed to scale sustainable organic waste management solutions.

During its first phase, the CoP additionally expanded access to knowledge and data across the region through developing key knowledge products. These included a compilation of methane-related waste sector regulations and policies across Latin America, accompanied by country fact sheets and an interactive map highlighting projects and initiatives in Argentina, Brazil, Chile and Colombia. The program then collaborated with a regional bioenergy working group to develop a map featuring waste recovery projects across Latin America and the Caribbean, providing a valuable resource for policymakers, researchers and practitioners seeking to accelerate methane mitigation and resource recovery efforts.

Capacity building and peer learning

In 2025, the program delivered 143 in-person and virtual activities, including online workshops, training sessions and webinars. These efforts expanded the program's reach and created regular opportunities for sharing knowledge among waste management, policy and methane mitigation experts, engaging a broad and diverse audience of representatives from public institutions, the private sector, academia, technical organizations, civil society and project developers.

Online training course – developing investment plans for organic waste management

Recycle Organics developed a virtual training course (available in English, Spanish and Portuguese) hosted on the [UNEP E-Learning platform](#) to support policymakers and practitioners in developing investment plans for organic waste management and methane mitigation. The course translates technical guidance into a practical and accessible learning format for a global audience.

Investment plans: turning ambition into action

Investment plans developed under Recycle Organics serve as technical and economic decision-making tools, helping countries identify the most effective pathways to advance toward their emission reduction targets.

Under **CCAC's Transformative Action in the Waste Sector initiative**, three investment plans were developed for **Rio Grande del Sur (Brazil), Honduras and Uruguay**, identifying an estimated **investment gap of USD \$335 million** to meet national NDC objectives in the waste sector. By clearly defining this gap, the investment plans provide a structured roadmap to prioritize actions, mobilize resources and engage potential funders, transforming climate commitments into actionable investment strategies.

Recycle Organics developed more than **30 knowledge products in 2025, supporting implementation across different regional contexts and diverse stakeholders**. Selected examples of knowledge products developed under the program are presented below.

In addition to knowledge products, Recycle Organics developed more than **20 practical tools** to support implementation at the country and project level. These tools range from national emissions calculators (Uruguay) and municipal financial matrixes (Argentina) to investment plan tools.

Applied knowledge & practical tools



Methane Mitigation in the Waste Sector: a practical guidebook



Teaching Green: Organic Waste Sorting and Composting in Schools



Waste Characterization Study at the Perseverance Landfill



MetLac: Map of Projects in Latin America and the Caribbean



Methane mitigation in the waste sector guidebook

The Methane Mitigation in the Waste Sector Guidebook is a practical, living tool that offers step-by-step instructions to **help governments design waste sector policies and investment plans** to cut methane emissions in the Global South. The topics covered include developing national organic waste plans, creating voluntary recovery initiatives, implementing sustainable financing mechanisms, integrating composting into education and assessing investment needs for methane reduction. **The Guide is a dynamic framework rooted in Global South innovation and real-world practice.**

Outreach and dissemination

Throughout 2025, the Recycle Organics Program **saw significant growth across its digital platforms**, strengthening its position as a leading global initiative on methane mitigation in the waste sector. With engagement spanning 20+ countries, new funding partnerships and expanded regional reach through its vast array of projects, the program continued to showcase impactful results, underscored by four years of progress in Small Island Developing States (SIDS) and the release of new comprehensive publications, such as the [*Methane Mitigation in the Waste Sector Guidebook*](#). Overall, the program gained 1,100+ new followers, with LinkedIn performance more than doubling its audience (+926 followers throughout the year), driving 68,911 impressions (+45%), along with notable increases in clicks and engagement. Facebook also saw strong gains, with views (+101%), engagements (+106%) and interactions (+169%) rising significantly, driven by major events, like the “Recycle Organics: Deepening Impact, Expanding Action in SIDS,” workshop held in Brazil and new report releases.



1,112

Net increase in social media followers across platforms

76,547

Total social media content views / impressions

14

Releases and blog stories

43%

Increase in total web events

+600

Publication downloads

in

5.25

Post / Month via LinkedIn

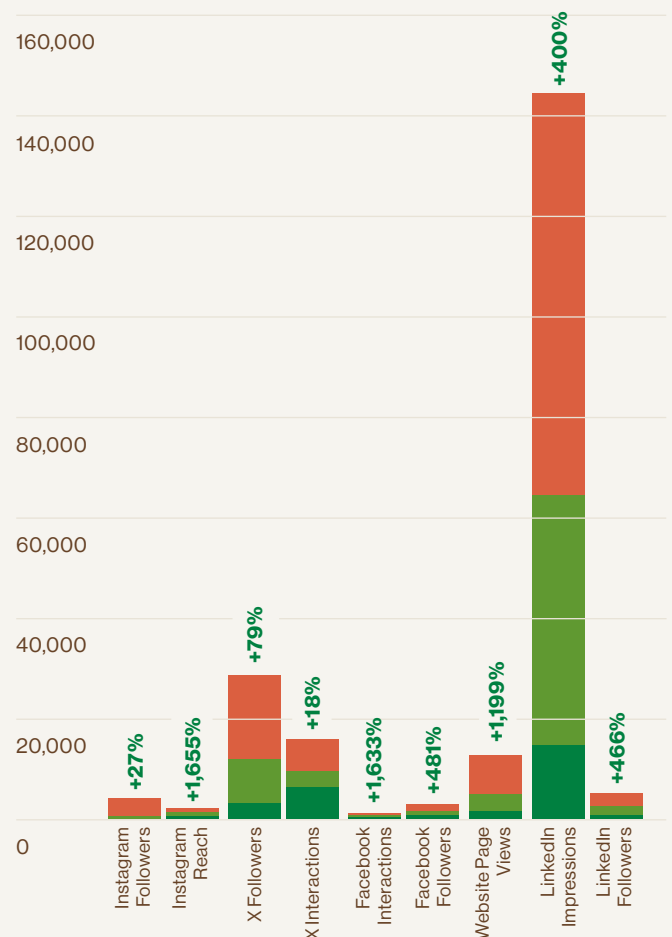
This momentum extended to the website, where total users doubled to 3,493 and key engagement metrics increased substantially, including 34,418 total events (+43%), over 3,400 publication views and 600+ downloads. Over the past three years, the website has attracted more than 9,000 users from 149 countries, with resource downloads continuing to grow steadily. While social media engagement is increasing—particularly among SIDS and other developing country audiences—these channels currently drive less than 10% of total website traffic, highlighting an opportunity to strengthen conversions through consistent messaging and clear calls to action.

Looking ahead, the program will focus on enhancing accessibility and user engagement through improvements such as a searchable resource database, a dedicated video gallery and stronger SEO performance. Upcoming content—including a four-part video series, new reports and more interactive webinars and blogs—will further position the program as a central knowledge hub for waste and climate practitioners while continuing to expand its global reach and impact.

Digital Growth & Trends

	2023	2024	2025-2026
LinkedIn Followers	393	899	1,966
LinkedIn Impressions	14,258	47,381	80,770
Website Users	506	3,162	6,576
Facebook followers	67	182	389
Facebook Interactions	51	378	884
X Followers	33	49	59
X Interactions	5,696	2,547	6,731
Website Page Views	1,684	9,699	16,330
Instagram Followers	420	421	533
Instagram Reach	122	122	2,141

*Through March 2026



*Percentage Increases since 2023





RECYCLE ORGANICS

Reducing Methane
From Waste



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