

IDB Too good to waste: initiative to mitigate methane emissions from waste in Latin America and the Caribbean

2024 Call for proposal guidelines.

- *This document has the objective of detailing the guidelines to apply to the call for proposals of the InterAmerican Development Bank (IDB) Too Good to Waste initiative.*
- *National, regional, and local governments can apply, including waste management operators from the 26 borrowing member countries¹ in Latin America and the Caribbean (LAC) of the IDB.*
- *The scope of the call for proposals is for municipal or urban solid waste projects with the objective of mitigating methane emissions and a circular economy.*
- *All proposals must be submitted through IDB call for proposals site <https://www.iadb.org/en/how-we-can-work-together/calls-proposals>. Proposals sent by any other means will not be considered.*
- *After the application is submitted there will be a confirmation email. During the process on the website the applicant can save a draft or preview before submitting, however, the button of submit proposal must be selected to finalize the process.*
- *Any questions regarding the application process should be directed to residuoscirculares@iadb.org. We encourage all applicants to read in detail these guidelines before sending enquiries.*

1. Overview

Avoiding the 1.5°C increase in temperature by mitigating greenhouse gas (GHG) emissions by 2030 will shape the future of our planet. Methane mitigation is a crucial strategy to accomplish this task due to: (i) methane has a higher global warming potential compared to carbon dioxide and a shorter atmospheric lifetime, causing much more warming in fewer years; (ii) methane emissions have doubled since pre-industrial times; and (iii) results can be achieved cost-effectively: over 60% of measures to mitigate methane have low costs. Given the urgency of the challenge, a goal of mitigating at least 30 percent of methane emissions by 2030 (based on 2020 levels) has been established by the [Global Methane Pledge \(GMP\)](#).

¹ Revise the borrowing member countries here: <https://www.iadb.org/en/who-we-are/how-we-are-organized/borrowing-member-countries>

Waste is the third leading sector responsible for methane emissions generation worldwide (20%). As methane is produced due to different causes, abatement strategies must be implemented throughout the waste management chain. Leading solutions include: (i) preventing organic waste generation; (ii) implementing segregated collection and treatment of organic waste to avoid and deviate this waste fraction from final disposal places; (iii) implementing landfill biogas capture and valorization systems; and (iv) closing open dumpsites and minimizing the release of waste and the consequent GHG emissions to the environment.

Only in 2021, LAC generated 230 million tons of municipal solid waste (MSW),⁷ approximately 13% of the world's generated waste. According to the [Solid Waste and Circular Economy Data Hub](#), administered by IDB, over 40% of the MSW produced in the region in 2021 was sent to inadequate dumping sites, burned, or left in water bodies. Thus, 45% of the MSW generated was disposed in landfills (most of them without active biogas capture systems), and only 4% was recovered. Also, based on the International Monetary Fund projections, the waste sector contributed in 2021 to releasing over 345 million tons of GHG -mainly methane- to the atmosphere in LAC.

Committed towards the mitigation of GHG emissions and a circular economy, the IDB approved in 2023 the technical cooperation **Too Good to Waste** with resources from the [Global Methane Hub](#) and the [Aquafund](#). The main objective of the initiative Too good to Waste² is to assist IDB's borrowing member countries in accelerating the implementation of solid waste management projects to mitigate methane emissions, therefore contributing to the goal established by the GMP of mitigating at least 30 percent of methane emissions by 2030.

2. Objective of the Call

The objective of this call is to select one proposal of study/studies to be financed, as part of a portfolio of solid waste management bankable projects by the Too Good to Waste initiative.

3. Financing activities:

The financing of the call of proposals corresponds to non-reimbursable resources for studies related to a proposal/project to advance into a circular economy and reduce methane emissions from the solid waste sector through consultancies.

² The regional technical cooperation associated is the RG-T4317 approved in 2023 by the IDB. Complete information about the technical cooperation can be found in: <https://www.iadb.org/es/project-search>

The project scope should be municipal or urban solid waste. The resources cannot finance infrastructure or investment. The financing may cover up to US\$ 200.000 for the studies which can be executed through one or more consultancies (the proposal does not necessarily have to request the full budget).

4. Eligible beneficiaries:

National or local government entities as well as waste management operators from all 26 IDB³ borrowing member countries can apply to this call for proposals. The proposal shall contain one project, only, per one specific area. However, the proposal may benefit a conglomerate of municipalities and may create or generate consortiums or associations.

For all cases, if selected, the beneficiary must provide (i) a letter of commitment (ii) a non-objection letter from the government official liaison to the IDB prior to starting the execution of the resources. Both letters will be discussed in detail with the winner, and they are not a requirement to send the proposal as part of this call.

5. Sector and activities:

The current call for proposals is limited to subjects under urban or municipal solid waste⁴ related to circular economy and methane mitigation. The studies to be financed can include activities such as:

- a. Avoiding municipal solid waste landfill through prevention of generation at the source, treatment (such as composting, anaerobic digestion, processing), and valorization.
- b. Active landfill biogas encapsulation, capture, flare, and/or energy recovery in final disposal facilities.
- c. Closure of open dumpsites with biogas emission capture and mitigation
- d. Use of artificial intelligence, business intelligence, software, or other technologies for waste management activities (collection, transport, valorization, etc.).

The type of studies to be financed include conceptual development, alternative analyzes, scheme design, site determination, pre-feasibility, feasibility, financing and procurement, engineer design, among others.

6. General Process

The proposal should consider a maximum of 10 months of execution of the studies.

The details of the process are:

³ Revise the borrowing member countries here: <https://www.iadb.org/en/who-we-are/how-we-are-organized/borrowing-member-countries>

⁴ The proposal may include other flow of waste; however, the main focus must be municipal or urban waste.

- i. Submission of proposals,
- ii. Selection of proposals (IDB),
- iii. Announcement of winner – beneficiary,
- iv. Submission of non-objection letter (winner-beneficiary),
- v. Negotiation of budget, activities, and products (IDB and beneficiary),
- vi. Agreement on the terms of reference for the execution of the proposal. Including number of contracts, type of consultancy, objective, activities, products, and timeline (IDB and beneficiary),
- vii. Procurement of contracts (IDB), and
- viii. Execution of the contracts and monitoring (IDB and beneficiary).

7. Qualification criteria

- a. **Impact:** The tons of solid waste (especially organic waste) and therefore methane amount avoided or mitigated by the proposed project. This criterion will be evaluated in relation to the specific country and region.
- b. **Technical viability:** Project is based on widely proven technologies or has technical/logical structure that allows its implementation.
- c. **Sustainability:** Projects shall include as part of the studies the financial, environmental, and social sustainability for the implementation of the solution, and include an analysis of political and stakeholder positioning sustainability (refer to the instructions section).
- d. **Upstream and circular economy solution:** Solutions related to the upstream of the waste management chain (diversion, prevention, treatment, valorization) will be prioritized.
- e. **Replicability and scalability:** Projects allow for replication and scalability in the LAC region.
- f. **Social and gender inclusion:** Projects allow for gender equality, diversity, and inclusive employment, considering waste pickers, other vulnerable groups and/or other local organizations.

I. Overall Timeline

Step	Actor	Activities
Submission of proposals	Applicants	Send the project proposal
Selection of proposals	IDB	Select the proposal

Terms of reference and negotiation	IDB - beneficiary	Agree on the terms of reference and budget (subject to non-objection letter) – second semester 2024
Execution	IDB - beneficiary	Project execution -2025

**Dates are published on the website of the call for proposals:*

<https://openidb.brightidea.com/TooGoodtoWaste>

Project Proposal - template

Section 1: Contact information.

Type the contact information of the applicant.

Applicant name (name and surname)	
Applicant position (job title)	*The applicant should be a member or employee of the organization that is proposing this project and will be the beneficiary.
Applicant's Email	
Alternative email	
Applicant's Phone (including country code)	
How did you hear about this call for proposals?	Social Media (LinkedIn, Twitter) Email Announcement Word of Mouth IDB's Website or Blog Funding opportunities platform Direct Invitation from a funding agency or governmental body Event, Workshop, or Conference Online Search Other

Select yes or no:

Do you accept the use of data for all concerning the call for proposals?	Yes/No
--	--------

Section 2: Project identification.

Type the main information about the project.

Project title	*Title should include objective and location
Short tagline for your project	*Describe in 1 sentence the project

Image for your proposal	*Example: image with logo, image of the site, image for the proposal
Select the country where the project will be implemented	* Any of the 26 IDB borrowing member countries.
City/es, municipality/es.	
Name of the organization which will be the counterpart or beneficiary for this project	(Organization will Be the Counterpart for This Project and the beneficiary)

Select about the type of applicant.

Type of organization	National government Subnational government Waste management operator Other
a. <u>If selected other</u> type the answer	
b. <u>If selected</u> <u>operator choose:</u>	Public Private Mix
Role of the organization in the waste management scheme for the project (one or more)	Execute waste management activities Waste management authority Procure waste management activities Design the waste management scheme Other
a. <u>If selected other.</u> Type the role:	

Section 3: Project description.

Describe the proposal and the project in the section below.

Describe the problem intended to be solved by the project:	*Maximum 200 words.
--	---------------------

Describe the solution proposed for the specific problem	*Maximum 200 words.
What is the estimated funding that you need to implement the studies of this proposal? Please keep in mind that the limit is US\$200.000	
What is the estimated duration of the studies in this proposal?	*Maximum 10 months.
What are the main activities and deliverables proposed for the studies (including timeline)?	* Maximum 300 words. Description of the main activities to be carried out by the studies (diagnosis, characterization, etc.), deliverables, budget, and timeline.
What is expected to change or impact to be achieved if the project is implemented?	*Maximum 200 words. Provide numbers that can help us quantify this impact.
What are the main challenges and risks of the project?	*Maximum 200 words.
Benefited population (number and location)	
What is the main objective of the project and the three main specific objectives of the project?	*Maximum 100 words.
Which are the main actors involved in the project and their roles?	*Maximum 200 words.
From the organization that acts as counterpart or beneficiary, which team will accompany the studies?	*Technical team and their activities in the project (coordinator, technical advisors). Maximum 200 words (annex CVs)

Select about the project.

Describe the geographic scheme of the project (Specify if it is regional or not)	*Maximum 200 words.
--	---------------------

Section 4: Stage of the project.

Select the information below regarding the stage of the project. Is not mandatory to know all the answers to the following questions, especially if the proposal is related to early stages.

What type of study is the proposal requesting? (select one or more)	Conceptual development Alternative analyzes Scheme design Site determination Pre-feasibility Feasibility Permits, financing, procurement Engineer design, construction, operation Use of technologies as AI, BI, software Other
a. <u>If other</u> inform the type of study	
Have there been previous studies for this project? (If yes, list the studies and annex to your application at the end)	*Maximum 200 words For example, waste characterization or environmental or social study or GHG emissions (annex available studies).
Is there a site defined for the project?	Yes/No
a. If yes. What is the area available in hectares?	
b. The site for the project is available for construction?	Yes/No

Is there an estimate of the investment cost of the project?	Yes/No
a. <u>If yes to having investment cost.</u> Please insert the estimated value in USD	*Example 100.000 USD.
Is there an estimate of the operational cost of the project?	Yes/No
a. <u>If yes to having operational cost.</u> Please insert the estimated value in USD per ton.	*Example 35 USD/ton.
Is there currently a tariff for waste management?	Yes/No
a. <u>If yes.</u> How much is the tariff in average? (USD/inhabitant)	*Example 5 USD/person
What is the model of waste management contract in the city or municipality of the project? (one or more)	Public Concession Public-private-partnership Consortium Other
a. <u>If other.</u> What model?	

Type the information related to the financial sustainability of the project.

How does the organization envision the implementation and posterior stages of the project (emphasize the political sustainability)?	Maximum 200 words
How does the organization plan to finance the project investment and the project operation?	Maximum 200 words

Section 5: Characteristics and scope of the project.

Select the following questions about the characteristics of the project.

Is the main focus of the project municipal/urban solid waste the focus of the project?	Yes/No
Select the flow of waste related to the project	Organic municipal solid waste Inorganic municipal solid waste Both
Select the category of the project (one or more)	Prevent the generation of municipal solid waste Treatment or valorization of municipal solid waste Capture and valorization of biogas from disposal sites Closure of dumpsites with biogas management Source separation of waste – change of behavior Other
a. <u>If other</u> type the category	
b. <u>If selected treatment or valorization</u> , then select the type of technology for the project	Not defined Mechanical-biological treatment Energy valorization New technologies or pilots Other
b.1 <u>If selected other</u> , type the technology for the project	
Select the size of the project	Up to 100 ton/day Between 101 – up to 500 ton/day

	Between 501 – up to 1000 ton/day Between 1001 – up to 2500 ton/day Over 2501 ton/day
Is the project scalable or replicable? Explain	Maximum 200 words
Does this project relate to gender equality, diversity, inclusive employment, social inclusion? Explain	Maximum 200 words

7. Comments or additional information	Non mandatory
---------------------------------------	---------------

Section 6: Annexes

- Previous studies (if applicable)
- CV of the main team from the applicant that will support the process.
- Certificate of existence and legal representation of the applicant (if applicable).

Tags

Insert keywords of your project