



## USAID DAWERR SUPPORT TO AGRIFOOD INDUSTRIES IN LEBANON

For Arabic information click [here](#)

Aligned with its overarching objective of diverting waste from landfills, the USAID funded Diverting Waste by Encouraging Reuse and Recycling (DAWERR) Activity launched on March 4, 2024, a national call for Expression of Interests (EOIs) to solicit interest from agrifood industries to establish a program to treat and divert their organic waste.

### Who Can Apply to DAWERR Agrifood Industries Support?

DAWERR will consider the agrifood industries that meet the following criteria:

- Availability of a valid industrial/operation permit from the Ministry of Industry (MOI), with a previous establishment permit from MOI that established the industry on a designated plot. Both permits shall specify activity in the agrifood sector;
- Generation of at least 350 kg per day of organic waste;
- Availability of at least 500 m<sup>2</sup> within the same plot of the MOI permit to be allocated to the composting station and process;
- Willingness to financially cover site preparation (as defined in the Eoi form – see section 5);
- Willingness to engage at least one staff member to be trained to handle the operation of the composting and treatment process.



### Available Techniques for The Treatment of Organic Waste

For the treatment of organic waste generated from agrifood industries, DAWERR will implement one of the following five techniques, based on several parameters such as quantities and characteristics of organic waste, as well as space available onsite.

DAWERR Composting Solution/Technique	Details
1. In-vessel composting (container)	The in-vessel container unit technique employs enclosed containers or chambers with aeration systems, enabling effective control of temperature, moisture, and aeration for fast decomposition and odor control.
2. On-grade (positively aerated static pile)	On-grade actively aerated composting employs forced aeration systems, such as blowers or fans, to supply oxygen to compost piles via a network of pipes or channels, improving decomposition and accelerating the composting process. The

	piles can be covered with tarps or housed under a shelter structure.
3. On-grade (actively turned windrows)	Actively turned windrows involve creating compost piles, known as windrows, on open ground. These windrows are regularly turned or mixed to introduce oxygen and facilitate proper decomposition. This manual turning provides aeration and efficiently breaks down organic materials.
4. In-vessel composting (tumbler)	This method uses a rotating drum or tumbler to mix and aerate the organic materials. It is a suitable method for composting when space is limited, large quantities of organic waste are generated, there is accessible power supply, labor resources are limited, and ideally co-financing is available.
5. Vermicomposting (working with DOODA, a Lebanese women-led earthworm farm specialized in vermicomposting)	Here, decomposition of organic material is achieved by using earthworms to produce solid and liquid vermicompost (premium soil conditioner). This method requires shredding of organic waste, done onsite at a farm or industry level, and pre-treatment, which mixes different types of organic waste for fermentation to accelerate the digestion process.

### Technical Evaluation, Field Validation, And Selection

Following the initial screening based on eligibility criteria, DAWERR will evaluate the capacity of the agrifood industries against the following evaluation and selection criteria and sub-criteria:

Selection Criteria	Sub-Criteria	Weight (%)
<b>1. Agrifood Industry Information (total weight: 15%)</b>		
Industry is Well-Established	Industry has been operational 3-5 years, 5-10 years, or more 10 years	5%
	Industry has 1-5 employees, 5-10 employees, or more than 15 employees	5%
	Industry has annual revenues in the bottom 20% of applicants, in the middle 60% of applicants, or in the top 20% of applicants	5%
Sub-Total Score		15%
<b>2. Solid Waste Generation/ Management Practices (total weight: 28%)</b>		
Need for a Solid Waste Management Solution	Industry demonstrates an urgent need for a management solution for its organic waste, supported by evidence of environmental and social impacts caused by current organic waste management practices, as well as a clear plan for the compost produced.	10%
	Industry is currently burning or disposing of its organic waste in open dumpsites or landfills.	8%

	Industry produces 350 kg/day, 500 kg/day, or more than 500 kg/day of organic waste.	10%
Sub-Total Score		28%
<b>3. Willingness to Participate in the DAWERR Activity (total weight: 6%)</b>		
Interest in DAWERR Support	Industry expresses interest in receiving support for organic waste management, including a clear description of the reasons and motivations behind the request.	3%
	Industry can articulate reasons for selection	3%
Sub-Total Score		6%
<b>4. Management and Sustainability of Potential Organic Waste Management Intervention (total weight: 12%)</b>		
Ability to cover O&M costs	Industry provides a clear and viable plan for covering the operation and maintenance costs of the proposed organic waste treatment system	12%
<b>5. Availability of Land and Equipment (total weight: 28%)</b>		
Land Suitability	Available space is accessible/paved space	6%
	Available space is usable/levelled	6%
	Water source is available	2%
	Electricity source is available	3%
Availability of equipment	Industry has a skid steer or tractor available for at least 2 hours per day	3%
	Industry has an operational woodchipper	3%
Unused Sheltered Areas	An unused sheltered area within the 500 m2 allocated to the use of the project, is available	5%
Sub -Total score		30%
<b>6. Environmental Management (total weight: 6%)</b>		
Environment Practices	Industry has a department or staff members dedicated to environmental management	3%
	Industry has clear policies related to environmental management	3%
Sub -Total Score		6%
<b>7. Previous and Current Donor-Funded Support (total weight:5%)</b>		
Donor Experience	Industry has past or present experience working with donors	5%
Sub -Total Score		5%
Total Score		

Following the technical evaluation, DAWERR will rank all the applicant industries and conduct site visits to verify and validate the information presented in the EOI of the top six (6) industries, with the aim of selecting **up to four (4) industries**.

### **Submission and Deadline**

Interested agrifood industries can download the Expression of Interest (EOI) document, fill it, and send it in PDF format along with the needed supporting documents to [info@dawerr.org](mailto:info@dawerr.org) specifying “Agrifood EOI” in the subject of the email.

**[DEADLINE TO SUBMIT THE EOI FORM: APRIL 5, 2024, AT 5:00PM \(BEIRUT TIME\)](#)**

**[DOWNLOAD THE EOI FORM IN ENGLISH OR ARABIC](#)**

### **Q&A Session**

DAWERR will organize an information and **Q&A session** on the Call for expression of Interest on **March 13, 2024, at 10:30am (Beirut time)** - **[Click here](#) to register for the virtual meeting to attend**. *Interested industries are encouraged to read the full call for EOI and prepare their questions before the session.*

For industries unable to participate in the Q&A session, they have the option to submit their questions by March 13, 2024, 5:00 PM at the latest. Questions can be submitted either via email to [info@dawerr.org](mailto:info@dawerr.org) or by contacting us through text on WhatsApp at 81-33 44 19. Our team will promptly respond to all inquiries received and publish the answers publicly in the FAQ section [here](#).

### **About DAWERR**

USAID DAWERR is a five-year activity designed to improve the social, environmental, and economic well-being of Lebanese citizens through sustainable solid waste recovery and diversion programs. To learn more about DAWERR, view its [page](#) on the ECODIT website and follow it on [Facebook](#) and [Instagram](#)