

ECOFRIDGES Take-back Operator

Expression of Interest

The ECOWAS Refrigerators and Air Conditioners (ECOFRIDGES) project by the Governments of Senegal and Ghana, the United Nations Environment Programme's United for Efficiency (U4E) initiative, the Basel Agency for Sustainable Energy (BASE), and other partners is providing financing to support the purchase of new cooling products and the collection and recycling of old existing equipment for the residential sector. ECOFRIDGES includes performance verification of participating products with strict energy efficiency and refrigerant gas requirements, policy recommendations, awareness campaigns, and capacity building. The project is supported by a grant from the Kigali Cooling Efficiency Program.

Organizational Setting

ECOFRIDGES Senegal is seeking an experienced Take-back Operator that can provide the following services for approved products and partner vendors in the ECOFRIDGES project in Senegal:

- Provide an online software application that monitors the upstream chain of the project (sales and delivery of a new, eligible appliances) and the downstream logistics of collection and waste traceability of used products submitted for recycling;
- Invoice and collect payments from approved vendors who are responsible for financing the take-back of end-of-life (EOL) cooling appliances;
- Contract authorized service providers for collection, transport, treatment and disposal of EOL cooling appliances.
- Prepare periodic quarterly Monitoring and Verification reports.

Minimum Requirements

The Take-back Operator must meet the following minimum requirements:

- A legally registered (within Senegal or another country) Producer Responsibility Organization (PRO), a service provider for a PRO, or for individual producers of cooling appliances.
- Proven experience and capacity in the implementation and operation of take-back systems, preferably in markets with mandatory Extended Producer Responsibility systems for WEEE (E-Waste), including EOL refrigerators and air conditioners, since 2014; experience in more than one country is preferred.
- Proven experience and capacity to implement logistics and treatment service solutions complying with international environmental norms or standards applied to WEEE management.

- Ability to implement a fully functional information technology (IT) system with the following features:
 - An online application that manages the upstream chain of the ECOFRIDGES Senegal program (sales and delivery of a new energy efficient appliance) to facilitate a closed loop of “old for new” replacement for appliances sold under the program. It must include common product and status identification codes, among other relevant features for adequate oversight of the scheme.
 - Order fulfilment: receipt and register pick-up requests, transmit pick-up orders to collection providers, confirm pick-up dates, control the realization of pick-up orders, validate data and associated documentation of the realized pick-ups, register and document the equipment reception in the Storage Facility. The order fulfilment will be supported by a call centre run by the Take-back Operator to solve operational issues and support participants in the logistics chain.
 - Management of the traceability of the logistics chain: Record, treat and deliver all the updated data necessary to track the status of each appliance along all logistics chain steps, from pick-up request to final storage and treatment in authorized treatment plants (pending authorization).
 - Management of costing, billing and invoicing of the service providers: operative IT system that records and processes all data concerning unitary costs and the quantities of realized services and process these to establish a proforma invoice for each service provider.
 - Generation of customized reports and dashboards necessary to control and monitor the performance of the take-back program.
 - Upload and download capability for relevant waste management documentation (weight tickets, shipment documents, certificates, geo-referenced photos of the appliance, etc) and other documentation providing additional evidence of compliance.
 - Online, real-time internet portal, accessible to every user in the process and allowing performance of tasks corresponding to the user’s approved profile.
 - Triggering email alerts when an action is missing from a participant.
 - Information platform where the ECOFRIDGES team can post relevant information for the participants.

Submission Details

In responding to this EOI, interested parties must provide the following documentation:

- A cover letter with a brief presentation of your organization, including company profile.
- Detailed documentation/statements of relevant experience, expertise in this field.
- A customer reference list including contact address, email and telephone (at least three that we may contact).

Upon satisfactory review, the following additional documents may also be subsequently required (Information received will be treated as confidential and will not be disclosed outside of Agence pour l'Economie et la Maitrise de l'Energie (AEME), Direction de l'Environnement et des Etablissements Classes and U4E):

- Audited financial statements for the last 3 years, this should include assets (including cash assets), receivables due and liabilities.
- Audited annual reports to Environmental Authorities on collection and treatment of WEEE.
- Any Quality Management Certificates or Environmental Management certificates the entity holds.

The EOI and statements of qualification must be delivered by email to the attention of and address below by **COB 07 January 2021**.

Mme Reine Marie Coly Badiane
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This EOI does not entail any commitment by the ECOFRIDGES project, either financial or otherwise. DECC reserves the right to accept or reject any or all EOI without incurring any obligation to inform the affected applicant/s.

For any queries related to this EOI, please send an e-mail to badianerma@gmail.com and souhir.hammami@un.org with 'EOI Take-back Operator' in the subject.