



Food and Agriculture  
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# Implementing Sustainable Low and Non-Chemical Development in Small Island Developing States (ISLANDS)

## PROJECT BRIEF (GEF 10279 & 10472)



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## Project Background and Objectives

The Global Programme "Implementing Sustainable Low and Non-Chemical Development in Small Island Developing States (ISLANDS)" is funded by the Global Environment Facility (GEF) and supports Small Island Developing States (SIDS) to enter a safe chemical development pathway through the environmentally sound management (ESM) of chemicals and wastes. The ISLANDS Programme consists of thirty-three (33) SIDS and seven (7) Child projects across the Caribbean, Indian Ocean and Pacific Regions, with three (3) of those projects in the Caribbean region. The timeline for the GEF 10279 and 10472 projects is six (6) years, with GEF 10279 being implemented since 2021 and ending in 2026 and GEF 10472 being implemented since 2022 and ending in 2027. **This project brief outlines the synergies of project activities to be executed under the GEF 10279 and 10472 projects.**

### FUNDING AGENCY



### IMPLEMENTING AGENCIES



Food and Agriculture  
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United Nations

### EXECUTING AGENCY



## Project Countries



Antigua and  
Barbuda



The Bahamas



Barbados



Belize



The Republic  
of Cuba



Dominica



The Dominican  
Republic



Guyana



Saint Kitts  
and Nevis



Saint Lucia



Suriname



Trinidad and  
Tobago



## Component 1 - Preventing the Future Build-up of Chemicals Entering SIDS



**Output 1.1:** The legislative and institutional framework is developed to support the ESM of hazardous chemicals in materials, products and wastes at national levels in the Caribbean.

*Activity 1.1.1:* The legislative, institutional, and infrastructural capacities for the ESM of wastes and chemicals to be evaluated at national and regional levels.



*Activity 1.1.2:* Specific hazardous chemicals and wastes policies and legislation to be developed to support management at national and regional levels.

*Activity 1.1.3:* National strategies to be developed for adoption and implementation of the ESM of hazardous waste.



**Output 1.2:** A sustainable training programme is developed to assist countries with implementing the Chemicals and Wastes Multilateral Environmental Agreements (MEAs) at a national level.

*Activity 1.2.1:* To conduct a Training Needs Assessment (TNA) for implementation of the Chemicals and Wastes MEAs.

*Activity 1.2.2:* To develop targeted training material for the gaps identified from the TNA.



*Activity 1.2.3:* To deliver a "Training of Trainers" programme to support the capacity in key agencies mandated with the implementation of and the monitoring of Chemicals and Wastes MEAs.

*Activity 1.2.4:* To adapt or utilize online training tools which are designed to promote sustainability of knowledge management on Chemicals and Waste MEAs in national institutions.



*Activity 1.2.5:* To develop and implement an awareness raising programme on the Chemicals and Wastes MEAs Training Platform.



**Output 1.3:** National, institutional and technical capacity to reduce/control the current and future trade of chemicals and products containing hazardous chemicals is strengthened.

*Activity 1.3.1:* To develop a formal mechanism for inter-institutional collaboration and communication as it relates to the trade of restricted or controlled chemicals, products and waste and management of data generated by relevant agencies.

*Activity 1.3.2:* To improve institutional, technical and analytical capacity to support customs and affiliated regulatory agencies with the identification of trade in restricted and prohibited hazardous chemicals, chemicals in products and wastes.



**Output 1.4:** To increase capacity for the development and implementation of national and regional chemicals and products standards including the Globally Harmonized System (GHS).

*Activity 1.4.1:* To develop two (2) regional labelling and product standards and create national roadmaps to support countries with future development and implementation.



*Activity 1.4.2:* A detailed multi-institutional assessment of the current implementation status of GHS in each project country to be conducted to support the improvement of chemical registration systems for the evaluation and authorization of imported chemicals.



**Output 1.5** - Sustainable procurement to be promoted among key stakeholders to reduce the manufacture/import of products containing hazardous chemicals.

*Activity 1.5.1:* To assess the enabling environment for Sustainable Procurement in countries and determine which products lend themselves to such policy.

*Activity 1.5.2:* To assess and select sustainable suitable alternatives to Persistent Organic Pollutants-polybrominated diphenyl ethers (POP-PBDEs) and hexabromocyclododecane (HBCD), per- and polyfluoroalkyl substances (PFAS), short-chain chlorinated paraffins (SCCPs), polychlorinated naphthalenes (PCNs) and mercury added products in all project countries.



*Activity 1.5.3:* To develop training materials on the assessment and selection of alternatives and the role of public/private partnerships in ESM of Persistent Organic Pollutant (POP) containing products and mercury-added products.



## Component 2 - Safe Management and Disposal of Existing Chemicals, Products and Materials



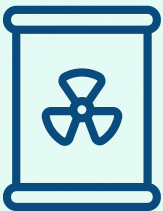
**Output 2.1** – Capacity for ESM of Stockholm Convention (SC) POPs and Minamata Convention (MC) mercury products is strengthened, and obsolete pesticides and chemicals, polychlorinated biphenyls (PCBs) and dichloro-diphenyl-trichloroethane (DDT) eliminated.

*Activity 2.1.1:* To develop management and disposal/stabilisation strategies to eliminate PCBs, obsolete pesticides and chemicals including DDT, POP-PBDEs and HBCD in Waste Electrical and Electronic Equipment (WEEE) and selected mercury added products.



*Activity 2.1.2:* To eliminate PCBs, obsolete pesticides and chemicals, DDT and selected mercury added products through safeguarding, centralization and disposal/stabilization.

*Activity 2.1.3:* An awareness campaign to promote or apply Best Available Techniques and Best Environmental Practices (BAT/BEP) to minimize Unintentional Persistent Organic Pollutants (UPOPs) emissions from open burning to be developed.



**Output 2.2** - The capacity to manage other hazardous waste streams specific to the Caribbean to be improved.

*Activity 2.2.1:* To develop roadmaps for the implementation of model national hazardous waste management plans in twelve (12) project countries.



*Activity 2.2.2:* To establish regional guidelines for the management of various hazardous waste streams specific to the Caribbean Region in twelve (12) project countries.

*Activity 2.2.3:* To assess hazardous waste management in the rural areas and develop a model hazardous waste management strategy. Improve the capacity and infrastructure for the management of hazardous wastes in Cuba and Dominica in order to prevent the emission of POPs, UPOPs or mercury.



*Activity 2.2.4:* To assess sites that can be used for the management of Post-disaster wastes and construction and demolition wastes in the three (3) project countries.

## Component 3 - Safe Management of Products entering SIDS/Closing Material and Product Loops for Products



**Output 3.1** - Extended Producer Responsibility (EPR)/Reverse Supply Chain Schemes (RSCS) and regional approach to manage WEEE pilot tested in three participating countries.

*Activity 3.1.1:* A feasibility assessment for WEEE management, focusing on RSCS/EPR and a regional approach including material flow, economic, infrastructural and technical assessments to be conducted.



*Activity 3.1.2:* EPR/RSCS system for ESM of WEEE to be developed in the project countries.

*Activity 3.1.3:* To improve the capacity of WEEE Management through a regional approach.

**Output 3.2** - To strengthen capacity for the ESM of end-of-life vehicles (ELVs) in eleven (11) countries.



*Activity 3.2.1:* Material flow, technical, infrastructural and economic assessment conducted in order to design ELVs management scheme, considering a regional approach.

*Activity 3.2.2:* To improve ELVs treatment capacity through training on best environmental practices.

*Activity 3.2.3:* To demonstrate improvement of existing national ELV treatment facilities.



**Output 3.3** - To improve management of plastics including polyvinyl chloride (PVC) through the life-cycle approach and coordination with the public and private sectors.

*Activity 3.3.1:* To assess plastic waste generation from the cruise ship sector in The Dominican Republic (GEF 10279) and The Bahamas (GEF 10472), identifying ways to process cruise ship plastic streams parallel to municipal waste in an environmentally sound manner.



*Activity 3.3.2:* To assess the material flow of plastic wastes, including PVC from selected sectors and identify ESM options.



## Component 4 - Knowledge Management and Communication



**Output 4.1:** Caribbean communities are informed and engaged to promote the sound management of chemicals and waste.

*Activity 4.1.1:* To create and disseminate knowledge products based on project implementation.

*Activity 4.1.2:* To develop knowledge products for stimulating behavioural change for a POPs- and mercury-free Caribbean including indigenous peoples and civil society organisations.



*Activity 4.1.3:* To raise awareness on plastic pollution among Caribbean youth through implementation of the Tide Turners Challenge Badge.

*\*Activity 4.1.4:* Quarterly reporting to the Communication, Coordination and Knowledge Management (CCKM) Project on project activities.



*\*Activity 4.1.5:* Regular receipt of knowledge assets and information from CCKM Project packaged and distributed to relevant stakeholders.

**\* (GEF 10472 Only).**

**GEF 10279 - Output 4.2:** Programme reports on project activities developed and disseminated.



*Activity 4.2.1:* Global guidance and tools on sound management of pesticides developed by FAO to be disseminated to participating countries and applied by SIDS.

*Activity 4.2.2:* Quarterly reporting to the CCKM Project on project activities.

*Activity 4.2.3:* Regular receipt of knowledge assets and information from CCKM Project packaged and distributed to relevant stakeholders.



**GEF 10472 - Output 4.2:** Support for the CCKM platform under GEF 10266.

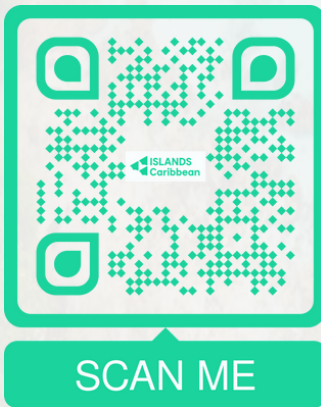
*Activity 4.2.1:* Resource allocation to the CCKM Child Project.

To learn more about the ISLANDS programme, click on the logos or scan the QR codes!



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