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# MUNICIPAL WASTE RECYCLING PROGRAM

## VIETNAM COUNTRY PROFILE

Vietnam has experienced rapid urbanization and industrialization, notably in the last twenty years, as the country strives to reach industrialized nation status by 2020. Such intense development, particularly taking place in its larger cities, has led to an average annual increase of 10 to 16 percent in urban solid waste generation. Vietnam lacks the financial resources to adequately equip and build facilities, and faces issues with the collection, transport, treatment, and disposal in urban areas. Recent scientific research shows Vietnam contributes as much as 730,000 metric tons of plastic waste to our oceans annually, **marking the country as the world's fourth largest polluter**, as measured by total mass of mismanaged plastic debris<sup>1</sup>.

### MUNICIPAL WASTE RECYCLING PROGRAM

Municipal Waste Recycling Program (MWRP), a five-year (2016-2021) USAID-funded initiative, is designed to reduce land-based sources of marine plastics pollution in Sri Lanka, the Philippines, Vietnam and Indonesia. The program provides grants and technical assistance for promising solid waste management and waste recycling efforts in urban and peri-urban areas, enhances the effectiveness of such programs and makes recommendations for future investments in municipal waste recycling<sup>2</sup>.

### MWRP SMALL GRANT PROJECTS IN VIETNAM

#### TOWARDS HIGHER EFFECTIVENESS OF INFORMAL SECTOR WASTE PICKERS IN INCREASING PLASTIC WASTE RECYCLING



PHOTO: DEVELOPMENT INNOVATIONS GROUP

<sup>1</sup>Jambeck, J.R., ; Geyer, R., ; Wilcox, C., ; Siegler, T.R., ; Perryman, M., ; Andrady, A., ; Narayan, R., ; Law, K.L.. Journal Article. URI: <http://science.sciencemag.org/content/347/6223/768/tab-pdf>

<sup>2</sup>22 CFR Part 216, USAID Environmental Procedures are followed by the MWRP and all grants projects.

OCTOBER 1, 2017 – SEPTEMBER 30, 2019 | IMPLEMENTER: ENVIRONNEMENT ET DÉVELOPPEMENT DU TIERS-MONDE (ENDA) | LOCATION: HO CHI MINH CITY (SAIGON) | PLANNED BUDGET: \$241,530

The project is assisting independent waste collectors (IWC) to establish five new cooperatives and two syndicates and build their capacity to operate as member-run organizations. These new organizations are educating the public on how community residents can cooperate with the IWCs to achieve a cleaner city and improved environmental conditions.

### **OCEANS WITHOUT PLASTIC: PLASTIC RECYCLING IN STRONG COMMUNITIES IN A GREEN CITY**

OCTOBER 1, 2017 – MARCH 31, 2019 | IMPLEMENTER: CENTER FOR ENVIRONMENT & COMMUNITY RESEARCH (CECR) | LOCATION: DA NANG CITY | PLANNED BUDGET: \$249,940

The project works with grassroots women organizations to support solid waste management (SWM) improvements and recycling targets of Da Nang SWM Strategy ‘Towards 2030’ by promoting recycling and reuse of plastic waste. The project is building on existing small-scale, community-based waste recycling models that need recognition and support from the government authorities and civil society to be strengthened.

### **MOVING TOWARD MODEL CITIES FOR WASTE MANAGEMENT IN COASTAL NORTHEAST VIETNAM**

MARCH 31, 2018 – MARCH 31, 2020 | IMPLEMENTER: CENTRE FOR SUPPORTING GREEN DEVELOPMENT – VIETNAM (GREENHUB) | LOCATION: HA LONG BAY, VIETNAM | PLANNED BUDGET: \$245,406

The project sets the groundwork for model city efforts in the Ha Long-Cat Ba-Hai Phong metropolitan area and addresses the problem of polystyrene leakage from floating aquaculture installations through piloting of alternative, environmentally friendly materials. An advocacy campaign targets boat-based tourism industry and a general public awareness raising campaign and marine debris monitoring engage communities in reducing marine plastic pollution and recycling.

### **CITY TO RIVER TO COAST**

MARCH 31, 2018 – JULY 31, 2019 | IMPLEMENTER: CENTRE FOR SOCIAL RESEARCH AND DEVELOPMENT (CSR) | LOCATION: HUE CITY | PLANNED BUDGET: \$72,780

The project raises community awareness of the damage caused by plastics pollution to the ocean, focuses on the Huong River and its importance to the city’s character, cultural heritage, and way of life and organizes students from high schools in Hue City and a school from an adjoining coastal village in a beach clean-up exercise.

### **PHU QUOC – TOWARDS A PLASTIC WASTE FREE ISLAND IN VIETNAM**

JUNE 1, 2018 – MAY 31, 2020 | IMPLEMENTER: WORLD WILDLIFE FUND (WWF-VIETNAM) | LOCATION: PHU QUOC ISLAND | PLANNED BUDGET: \$200,000

The project promotes a multi-stakeholder partnership among existing community management groups organized around the conservation of Marine Protected Areas, the Phu Quoc District Peoples’ Committee, and private sector actors involved in solid waste management issues and, specifically, plastic pollution reduction. The project trains local households and tourism-related businesses interested in promoting a “green” image on segregation at source, reduction of plastic use, and coordinates with public authorities responsible for collecting and handling solid waste.

### **LESSONS LEARNED FROM DEMONSTRATED MUNICIPAL PLASTIC WASTE MANAGEMENT IN WORLD HERITAGE HA LONG BAY, VIETNAM**

JULY 3, 2018 – DECEMBER 31, 2019 | IMPLEMENTER: CENTRE FOR MARINELIFE CONSERVATION & COMMUNITY DEVELOPMENT (MCD) | LOCATION: HA LONG BAY, VIETNAM | PLANNED BUDGET: \$129,738

The project addresses gaps in the existing municipal solid waste management system in Ha Long City, mainly the inefficient management of collected waste and the large amount of uncollected waste going into the ocean. The project tests an approach for public-private partnerships on efficient onshore and offshore waste collection, sorting and treatment.

**COMPARATIVE PILOT WATERWAY MUNICIPAL PLASTIC WASTE MANAGEMENT PRACTICES FOR REDUCING MARINE PLASTIC POLLUTION IN COASTAL WORLD BIOSPHERE RESERVE OF NAM DINH, VIETNAM**

JULY 3, 2018 – JUNE 30, 2020 | IMPLEMENTER: CENTRE FOR MARINELIFE CONSERVATION & COMMUNITY DEVELOPMENT (MCD) | LOCATION: NAM DINH, VIETNAM | PLANNED BUDGET: \$249,995

The project supports the local government to develop more effective solid waste management practices and reduce plastic waste pollution of the waterways in the region – particularly the Red River. It provides technical assistance to governmental authorities and raises community awareness, directly targeting 109,000 people whose livelihoods and health depend on the rivers and the sea.

**MORE INFORMATION**

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