



Food and Agriculture
Organization of the
United Nations



Pesticide Risk Reduction in Bangladesh

(GCP/BGD/060/GFF)

A Project funded by the Global Environment Facility (GEF)

14th International HCH and Pesticides Forum
21-24 February Zaragoza 2023





GEF Implementing Agency: Food and Agriculture Organization of the United Nations

Executing Agencies:

- ☐ Department of Environment, Ministry of Environment, Forest and Climate Change
- ☐ Department of Agricultural Extension, Ministry of Agriculture
- ☐ Directorate General of Health Services, Ministry of Health and Family Welfare
- ☐ Department of Fisheries, Ministry of Fisheries and Livestock

Duration:

Starting date: 20 June 2019 (project start delay, COVID)

Expected end date: 31 December 2023





Comp. 1: POPs pesticides Management

- Outcome 1.1 Legacy stockpiles of DDT are eliminated
- Outcome 1.2 Management options for empty pesticide containers developed

Comp. 2 : Regulations and Enforcement

- Outcome 2.1 Strengthened control on POPs pesticide imports, production & sale

Comp. 3: POPs pesticides uses addressed

- Outcome 3.1 Ongoing and illegal uses & unintentional exposures to POPs addressed
- Outcome 3.2 Improved monitoring & reporting of POP pesticide residues in food, POP pesticide poisoning and POP pesticide contamination in the environment
- Outcome 3.3 Promotion of alternative, low hazard pest control options in agriculture & public health

Comp. 4: Awareness and Communication

- Outcome 4.1 Awareness about risks of continued and illegal use of POPs pesticides and about alternatives developed among farmers, extension staff, agricultural input traders and consumers





DDT Waste Disposal Operation

DDT disposal is a complex and highly technical operation highlighted the lack of infrastructure, policy, and institutional capacity to manage hazardous waste effectively.





Ministries

Ministry of Environment, Forest and Climate Change (MoEFCC)
Ministry of Commerce (MinCom)
Ministry of Shipping (MoS)
Ministry of Defense (MoD)

Departments and Organizations

Department of Environment (DoE)
Bangladesh Shipping Corporation (BSC)
Department of Shipping (DoS)
Bangladesh Naval Head Quarter (Naval HQ)
Dangerous Cargo Inspection Office, Chattogram
Department of Agricultural Extension

Export Permits

Office of the Chief Controller of Imports
and Exports (CCI&E)
National Board of Revenue (NBR)

Chattogram city authorities

Chattogram Metropolitan Police
Chattogram Port Authority
Chattogram, Customs, Excise & VAT
Commissionerate
Chattogram City Corporation
Chattogram Port Clearance Office
Chattogram Custom House





Documents Preparation for DDT Waste Export Operation



Letter request from DoE to MoEFCC about the Export of DDT

30 January 2022

Letter to MinCom from MoEFCC about the Export of DDT

07 February 2022

Letter to CCIE from the MinCom about Export of DDT

22 February 2022

Letter to NBR from MoEFCC about the Export of DDT

02 March 2022

Letter to MoEFCC from DoE for notifying Dangerous Cargo Inspection Office about the Export of DDT

20 March 2022

Letter to MoD from MoEFCC for notifying Dangerous Cargo Inspection Office about the Export of DDT

28 March 2022

An Export Permit for non-commercial DDT waste issued from CCIE

13 April 2022

An Export Permit for the Export of DDT waste issued from NBR

06 June 2022

Extension of Export Permit from CCIE issued

07 July 2022

Letter issued to the Secretary, Ministry of Shipping requesting support

14 July 2022

Courtesy meeting with the MD, Bangladesh Shipping Corporation

25 July 2022

Letter issued to the Secretary, MoEFCC requesting a high-level meeting to facilitate DDT export

14 August 2022

Inter-ministerial meeting organized by MoEFCC to enhance DDT shipment

07 September 2022

Letter to the MoS from MoEFCC to enhance DDT shipment

07 September 2022

Letter to Port Authority from MoS to enhance DDT shipment

11 September 2022

Letter from DoS to Bangladesh Container Shipping Association to enhance DDT shipment

18 September 2022

Letter from MoD to Naval HQ for Dangerous Cargo Inspection Office about the Export of DDT

02 October 2022

Letter issued from Naval HQ to Dangerous Cargo Inspection Office

12 October 2022

2nd Extension of Export Permit from CCIE issued

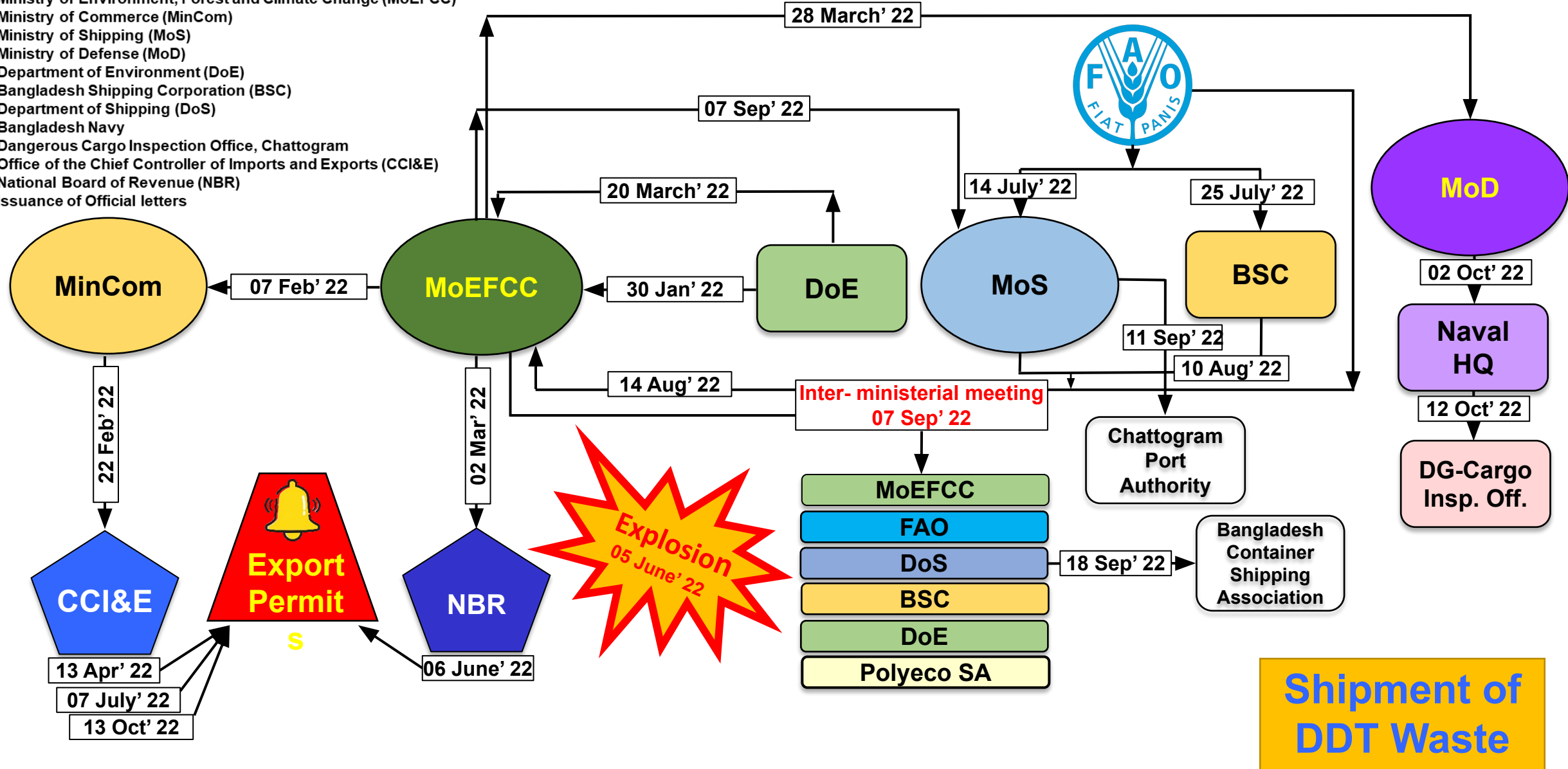
13 October 2022



Communication for DDT Waste Export Operation



- Ministry of Environment, Forest and Climate Change (MoEFCC)
- Ministry of Commerce (MinCom)
- Ministry of Shipping (MoS)
- Ministry of Defense (MoD)
- Department of Environment (DoE)
- Bangladesh Shipping Corporation (BSC)
- Department of Shipping (DoS)
- Bangladesh Navy
- Dangerous Cargo Inspection Office, Chattogram
- Office of the Chief Controller of Imports and Exports (CCI&E)
- National Board of Revenue (NBR)
- ◀ Issuance of Official letters





Shipment of DDT Waste



Shipment 1
30 October
6 Containers
133.5 Tons

30 Oct' 22

First vessel
carrying DDT
started for France

29 Oct' 22

Containers loading
on board vessel

17~18 Oct' 22

Container stuffing
with 1st batch of
DDT big bags

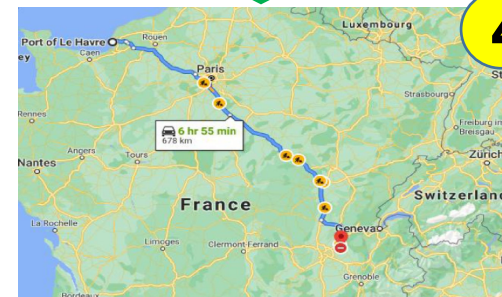
16 ~ 17 Oct' 22

Transportation of
safeguarded DDT from MSD
premises to Portlink Depot

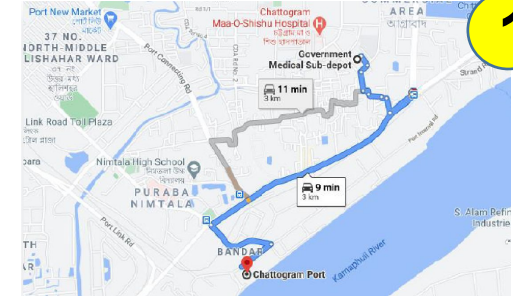


Shipment 2
November 17
11 Containers
244.13 Tons

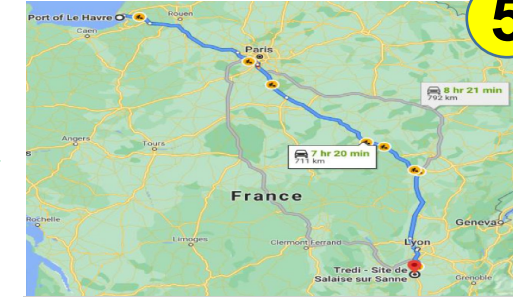
Shipment 3/ Final
December 10
7 Containers
148.01 tons



Road transportation from Le
Havre Port to Tredi Saint Vulbas



Road transport from
MSD to Chattogram port



Road Transport from Le Havre
port to Tredi Salaise (France)



- Singapore
- Malaysia
- Sri Lanka3
- Turkey
- Egypt
- Malta
- Morocco
- Italy
- Spain
- Portugal
- United Kingdom
- The Netherlands
- Belgium
- Germany



- **70+** Media coverage.
- **460,000** reached on FAO official Social media pages
- **DDT Disposal Documentary** in collaboration with FAO RAP and HQ.
- Disseminated **40,000** IEC Flyers among Farmers.
- Voice SMS campaign **450,000** farmers (Completion by December 2022).



Daily Star **1.1** Million views



In a press conference, the Honorable Minister of the MoEFCC, Mr. Shahab Uddin, declared Bangladesh as DDT Free in January 08, 2023



Food and Agriculture
Organization of the
United Nations



BETTER
PRODUCTION



BETTER
NUTRITION



BETTER
ENVIRONMENT



BETTER
LIFE

Moving forward





- Support the government in working with relevant agencies to develop a strategy for hazardous waste management.
- Alternatives for the highly hazardous pesticides.
- Better monitoring and reporting of food safety, environmental contamination, and human poisoning by pesticides.
- Establishing systems for managing empty Pesticide containers and agricultural plastic waste.
- Verification of the Rotterdam convention.



Voice SMS Campaign Farmers/Fishers/Input Dealers

Instructional Training Video Farmers/Input Dealers

National DDT Disposal Operation Learning Workshop

IEC Flyers Distribution Farmers/Fishers/Input Dealers

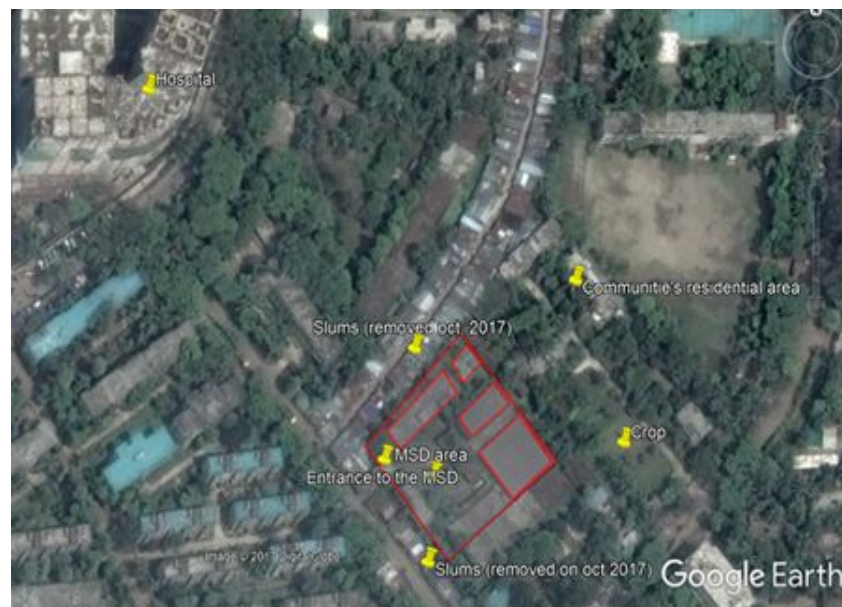
Youth Boot Camp: Better production, Better Nutrition, Better Environment and Better Life.







DDT disposal



DDT disposal

