

## SUMMARY OF PROJECT RESULTS

<b>Project name</b>	<b>Strategic Plastic Litter Abatement in the Song Hong</b>
<b>Project area</b>	My Tan commune - My Loc district, Tran Te Xuong ward - Nam Dinh city, Dien Xa and Nam Thang communes - Nam Truc district, Xuan Thanh commune - Xuan Truong district, and Giao Huong commune - Giao Thuy district
<b>Project implementation</b>	30/10/2020 – 31/12/2023
<b>Grant provider</b>	Ocean Conservancy
<b>Project owner</b>	Centre for Marinelif e Conservation and Community Development (MCD)
<b>Implementation coordination organization</b>	<ul style="list-style-type: none"> <li>- Focal point agency in Nam Dinh: Department of Natural Resources and Environment of Nam Dinh province (Division of Environmental Protection)</li> <li>- Main coordinating agency: People's Committee of My Loc District; People's Committee of My Tan commune; People's Committee of Nam Dinh city; People's Committee of Tran Te Xuong ward; People's Committee of Nam Truc District; People's Committee of Dien Xa Commune; People's Committee of Nam Thang Commune; People's Committee of Xuan Truong district; People's Committee of Xuan Thanh Commune; People's Committee of Giao Thuy district; People's Committee of Giao Huong Commune</li> <li>- Coordinating agency: Vietnam Inland Waterways Administration and its Northern Branch ; Department of Transport of Nam Dinh province, Department of Agriculture and Rural Development of Nam Dinh province, Nam Dinh Environment Joint Stock Company, and other agencies</li> </ul>

### OBJECTIVE

The project aims to contribute to promoting innovative technology solutions combined with communication to improve riverine and estuarine solid waste management in the Red River Delta region. The project is implemented through improving the river trash capture tool that has been tested from the previous initiative, and replicating it on the Red River and its tributaries in Nam Dinh, while monitoring data from other river trash capture tools on that river to evaluate the waste composition as

well as the effectiveness of the tools and carry out communication activities to improve solid waste management, promote policies and actions to reduce reduce plastic waste.

## MAIN RESULTS

### *Component 1: Ensure construction, installation, operation and transfer of the trash capture devices as a lively network in the Red river system:*

- 06 designs of river trash capture tools (trash trapper): Prototype and improved versions;
- 01 set of documents on the research and development process of river trash capture tools;
- 05 field surveys to select locations to install trash capture tools on the river with the participation of consultants from the Vietnam Academy for Water Resources.
- 04 consultation meetings of relevant provincial agencies and over 10 consultation meetings at district, commune and community levels on the implementation, installation and operation of waste collection tools on rivers;
- 03 sets of documents from the Vietnam Inland Waterways Administration allowing piloting of river trash capture tools on water areas in wards/communes: Tran Te Xuong, Dien Xa, Nam Thang, Xuan Thanh, Giao Huong;
- 01 set of documents explaining the piloting of river trash capture tools in communes/wards: Tran Te Xuong, Dien Xa, Nam Thang, Xuan Thanh, Giao Huong, meeting the requirements of the Division of Dyke Management and Disaster Prevention of Nam Dinh province and Sub-division of Dyke Management of Nam Dinh city, Nam Truc, Xuan Thanh, Giao Thuy districts;
- 05 river trash capture tools (trash trapper) were installed, launched and operated with 04 trash trappers placed on the Red River in Dien Xa and Nam Thang communes, Nam Truc district; Xuan Thanh commune, Xuan Truong district; Giao Huong commune, Giao Thuy district; and 01 trash trapper placed on Dao River in Tran Te Xuong Ward, Nam Dinh city;
- 01 prototype trash trapper placed on the Red River in My Tan commune, My Loc district was received from the previous project and maintained, repaired and operated;
- 06 local core operation groups operating trash trappers were established and operated effectively at 06 trash trappers;
- 01 set of trash trapper operating procedure documents and dozens of training sessions on trash trap operating procedures for local core operation groups;
- 01 set of trash trapper monitoring documents including: (1) Summary table of trash trapper operation monitoring data; (2) Table of trash capture data; (3) Periodic table of trash trapper monitoring; (4) Table of expert monitoring; (5) Table of context information update; (6) Summary table of trash trapper monitoring; (7) Images of trash trapper operation;
- The total amount of trash collected from trash trappers is over 15,000kg, of which 51.4% is plastic waste that has been collected, classified and processed in localities;
- Working sessions to hand over trash trappers on the river to local partners in Nam Dinh to take over management and operation.

***Component 2: Facilitate and implement research on trash capture device efficacy and waste composition***

- 03 rounds of research and evaluation on riverside and river waste, the effectiveness of river waste collection tools, waste composition from tools and information exchange with the core group in November 2020; December 2022 and June 2023;
- 03 sets of data and reports on research results evaluating waste on rivers and riverside, and the effectiveness of waste collection tools on rivers;
- 03 sets of research methods include: (1) Research method to evaluate waste in rivers, (2) Method to evaluate the efficacy of river trash capture tools and (3) Survey method collect opinions from the local core operation group operating the trash trapper;
- 02 working sessions to strengthen capacity and share knowledge with cooperation partners including the Vietnam Academy for Water Resources and the Vietnam Institute of Sea and Islands.
- Data and information obtained from research, assessment, and monitoring are compiled and shared with relevant parties and government agencies.

***Component 3: Conduct stakeholder outreach and engage in local communications activities to raise awareness about the sources and solutions to plastic pollution and share lessons learned***

- 01 project communication strategy document;
- 01 communication campaign throughout the project with typical events: "Clean River - Blue Ocean" contest in October-December 2022 with the participation of students in Nam Dinh province including a total of 600 contest entries about initiatives and solutions to reduce plastic waste and protect the environment; The event of the International Coastal Cleanup ICC in Bach Long commune - Giao Thuy district on October 16, 2022 and in Quat Lam town on October 8, 2023;
- 01 documentary film about the project with a focus on the trash trapper network on the river, as educational and communication materials;
- 01 set of project communication documents including: project information frame (standee), trash trapper model, trash trapper operating guideline video, project summary leaflet, trash trapper system diagram in Nam Dinh province, summary video of the "Clean River - Blue Ocean 2022" contest , video of locations before and after placing trash trappers;
- 01 cuộc họp tổng kết và phổ biến kết quả và bài học dự án tới các bên liên quan và công chúng.
- Hundreds of articles and newsletters about the project in mass media, on communication channels of organizations, agencies, localities, and on social networks;
- Dozens of training sessions and dialogues to share experiences and promote improved understanding, awareness and skills on collecting, classifying and treating waste applying 3R Reduce, Reuse, Recycle and Operation and maintenance of trash trappers on the river have been organized;
- 02 rounds of public opinion surveys to evaluate changes in public awareness, attitudes and behavior of the riparian community in Nam Dinh province about solid waste from river to sea over the process of project implementation;

- Promote the integration of project results into the local waste management system through appropriate mechanisms and agreements;
- Connect with related initiatives and projects to promote cooperation, implementation and replication of the model.
- 01 Final project meeting to summarize and disseminate project results and lessons to stakeholders and the public.

### **RESULTS IN NUMBER OF PARTICIPANTS AND PROJECT BENEFICIARIES:**

1. 4,425 counts of direct people participants in project activities. Main participants include:
  - o 386 counts of direct people participants are officials from non-state actors;
  - o 827 counts of direct people participants are officials of local agencies;
  - o 17 counts of direct people participants are private sector officials;
  - o 3,130 counts of direct people participants are from community groups;
  - o 65 counts of direct people participants are central agency officials.
2. Nearly 19 million hits of people accessing project information and knowledge and implemented activities.
3. Over 800 counts of direct people participants have had their capacity enhanced through training, dialogue and technical support activities on solid waste and plastic waste management, of which women account for 62%, youth account for 16%.
4. 45 agencies and units participate in coordinating project implementation, demonstrating multi-party cooperation to improve the efficiency of the process of collecting, classifying and treating waste in project areas.