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Forum of SUMARE
Tran De Gateway port for the Mekong Delta
28 August 2023

Minutes

Discussion topic: Tran De gateway port for the Mekong Delta
Presented by: Doan Manh Dung, Ho Chi Minh City Marine Science Technology and Economy Association.
Time: 28 Aug 2023, from 9:00 to 12:00
Format: online and offline
Venue: Room B, Ho Chi Minh city University of Natural Resources and Environment from 9 am. to 12 pm.

Report contents include the following:

- Principles for locating seaports for the Mekong Delta
- Model of water transport exploitation in the Mekong Delta of the Ministry of Transport
- Scientific calculation of Tran De Gateway Port project
- Core issues in the proposed solution for Tran De gateway port

I- PARTICIPANTS

I.1. Physical attendance

- Doan Manh Dung, Ho Chi Minh City Marine Science Technology and Economy Association
- Luu Tuan Sinh, HCMC Maritime Science and Technology Association
- Nguyen Van Do, HCMC Maritime Science and Technology Association
- Nguyen Ba Cao, Head of the Department of Science, Technology and International Cooperation, Center for Planning and Investigation of Marine Resources and Environment in the Southern Region.
- Hoang Thuy Van, Center for Planning and Investigation of Marine Resources and Environment in the Southern Region.
- Phan Manh Hung, Director, Center for Marine and Coastal Resources Research, Institute of Marine Engineering
- Do Quan Tam, Vice director of Design consulting enterprise - Ho Chi Minh City public transport works company
- Pham Tran Hai, expert of Ho Chi Minh City Institute for Development Research
- Mai Duc Tran, CEO, Dai Phat Consulting and Surveying Company Limited
- Huynh Vuong Thu Minh, CTU
- Le Anh Tuan, CTU
- Le Thi Kim Thoa, HCMUNRE
- Dinh Ngoc Huy, HCMUNRE
- Ngo Nam Thinh, HCMUNRE
- Phung Thi My Diem, HCMUNRE
- Nguyen Thi Quynh Thu, HCMUNRE
- Le Thi Phung, HCMUNRE
- Nguyen Phuong Thao, HCMUNRE
- Tran Van Hoang Long, HCMUNRE
- Hoang Phan Phuong Quynh, HCMUNRE
- Tran Cong Khoi, HCMUNRE
- Nguyen Thi Kim Thy, HCMUNRE
- Tran Thi Thuy An, HCMUNRE

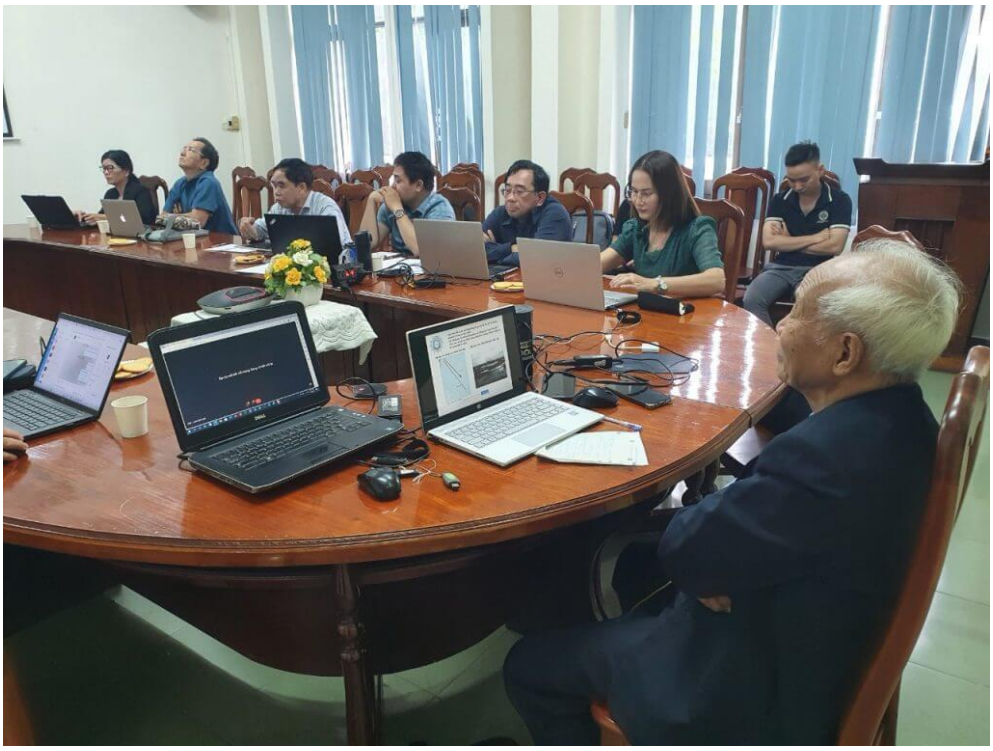
I.2. Online attendees

- Nguyen Van Dau, HCMC Maritime Science and Technology Association
- Nguyen Duy Thuc, Institute of Environment and Natural Resources - Vietnam National University, Ho Chi Minh City
- Ho Cong Toan, Institute of Marine Engineering
- Nguyen Cong Toai, Institute of Marine Engineering
- Hoang Van Huan, City Association of Irrigation Science and Technology. Ho Chi Minh
- Phan Thi Kim Tuyen, Tam Tien Environmental Services & Technology Company Limited
- Tran Hien Luong, 622 company
- Ton That Luong Tri, Thanh Cong Construction Investment Consulting Joint Stock Company
- Bui Hong Long, Oceanography Institute
- Phan Minh Thu, Oceanography Institute
- Bui Thi Ngoc Trieu, Oceanography Institute
- Đỗ Vĩnh Nguyên, Oceanography Institute
- Dinh Thi Thuy Hang, VMU
- Tran The Nam, VMU
- Thai Phuong Vu, HCMUNRE
- Vu Thi Van Anh, HCMUNRE
- Huynh Thi Ngoc Hân, HCMUNRE
- Tran Tuyet Suong, HCMUNRE
- Tran Thi Loi, MCD
- Vu Thu Van Anh, MCD
- Mai Hoang Huy, University of Transport
- Bui Thi Mai Phuong, Green Happiness Company Limited
- Nguyen Minh Doan, Ho Chi Minh City University of Social Sciences and Humanities
- Nguyen Dam Quoc Huy, Institute of Marine Technology
- Ho Cong Toan, Institute of Marine Technology
- Dang Thanh Binh, Hydrometeorological Station of the South Central Region
- Truong Hong Son, Thuy Loi University
- Tran Van Ty, CTU
- Le Huu Kiet, Ho Chi Minh City University of Social Sciences and Humanities
- Lam Van Thinh, CTU
- Dinh Van Duy, CTU
- Bui Khanh Van Anh, HCMUNRE
- Tran Thi Thuy An, HCMUNRE
- Hoang Thi Thanh Thuy, HCMUNRE
- Trinh Hong Phuong, Center for Planning - Investigation of Marine Environmental Resources in the Southern Region
- Nguyen Ngoc Trinh, HCMUNRE
- Tran Quoc Bao, HCMUNRE
- Nguyen Thi Tam, Vietnam Maritime University
- Nguyen Thu, Vietnam Maritime University
- Nguyen Kim Chung, HCMUNRE

II- MEETING CONTENT

Within the framework of the SUMARE Forum under the MARE Project, at 9:30 am on August 28, 2023 at the University of Natural Resources and Environment of Ho Chi Minh City, the thematic report session "Tran De Gateway Port for the Mekong Delta" was presented by Mr. Doan Manh Dung (Ho Chi Minh City Association of Science, Technology and Marine Economics).
The report took place in both face-to-face and online forms with the participation of a large number of Experts, Scientists, Lecturers and students interested in the topic of the report.

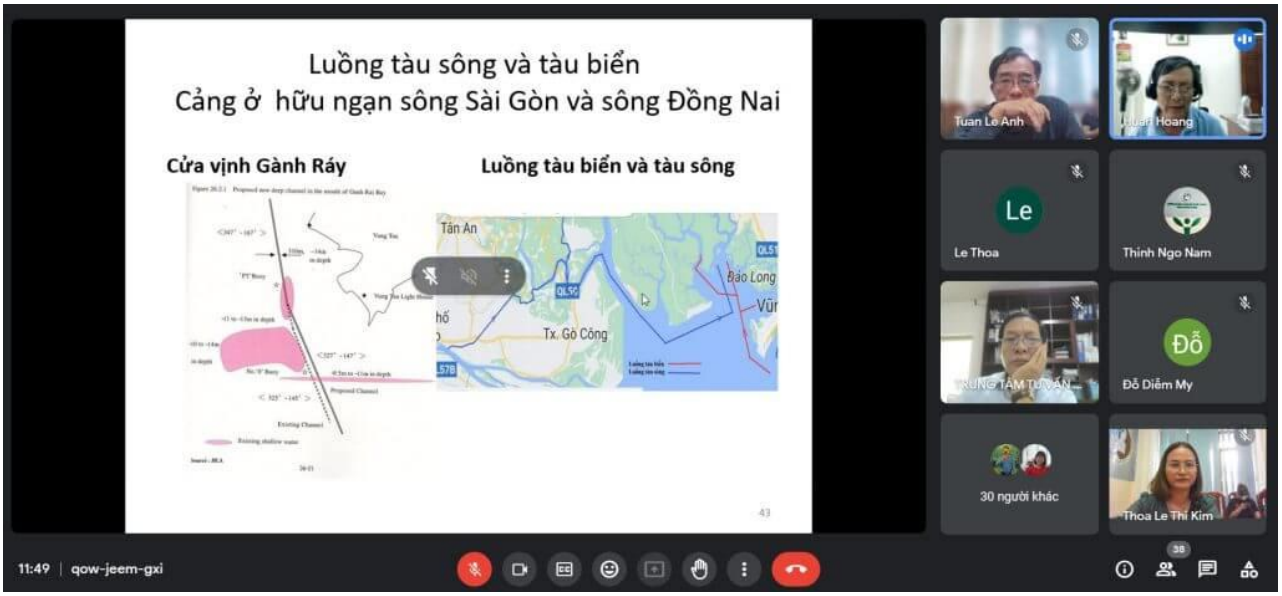
Opening the meeting, Dr. Le Thi Kim Thoa, MARE project manager and coordinator welcomed all members attending the meeting, introduced the author, participants and the purpose of the forum SUMARE in the meeting. She also invited the participants to introduce themselves.



According to Mr. Doan Manh Dung, Principles that must be resolved in locating seaports for the Mekong Delta as follows:

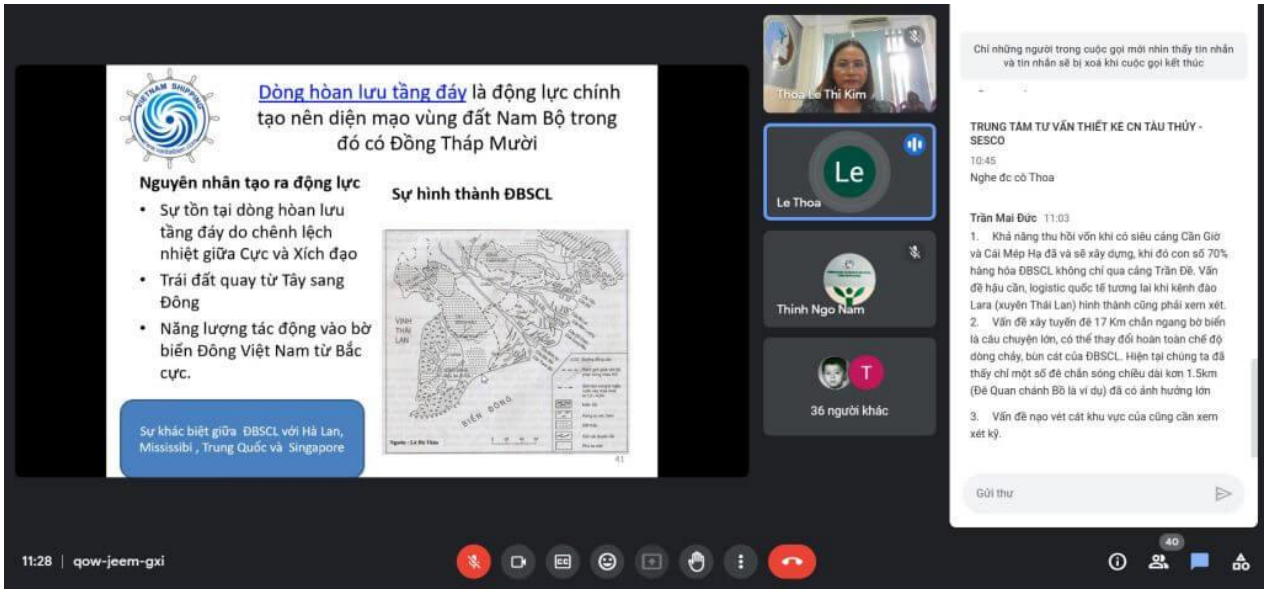
Ports must meet general rules: ability to resist storms, prevent sedimentation, receive sea and river ships, warehouses, etc.

The port must meet 3 special requirements of the Mekong Delta:
- Able to welcome ships of 30,000 tons. Water transport is the main transport for goods.
-The opening of fairways and ports must prevent saline intrusion from the sea into the Mekong Delta.



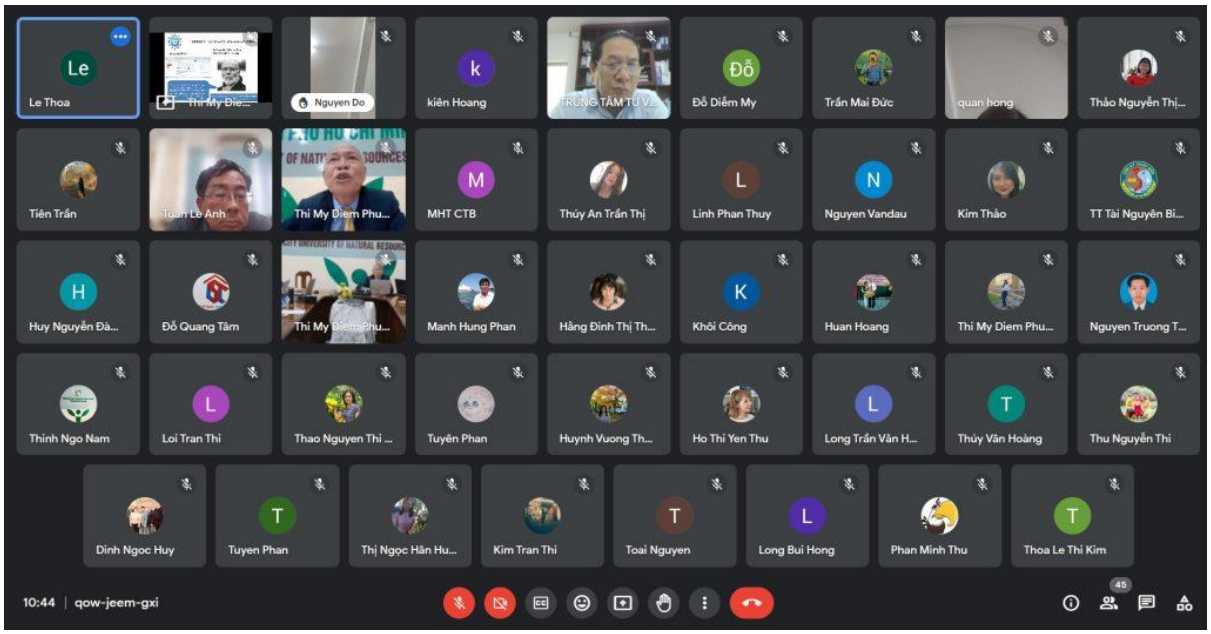
Mr. Dung said, the core issues in the proposed Tran De gateway port: Tran De gateway port meets the following principles:

- Seaports on the East Coast must have bay doors facing south to prevent sediment brought in by ocean
  currents and to prevent storms.
- The channel gate must be able to resist dynamic phenomena caused by the intersection of two water
  currents: from the river and the ocean current.
- Meet the target of welcoming ships of 30,000 tons.
- Convenient for inland river ships to enter seaports.
- Do not dredge the mouth, causing saline intrusion from the sea into the Mekong Delta.



Next, Mr. Dung also focused on the main content of the report which is the scientific foundation of the Tran De Gateway Port Project based on the theory 'The direction of the river flowing to the sea' with the aim of 'choosing the East coast' to build a port. He emphasized that do not choose the West coast in the Gulf of Thailand" and the theory of "Sand sea dyke on the East coast of Vietnam" aims to choose the location of Tran De river mouth to implement the seaport project.

Mr. Dung also presented the idea of planning and layout of Tran De gateway port according to the "natural" method by using natural internal water channels to Tran De port, building natural sand dikes and taking advantage of Submerging materials from channel dredging to raise and extend sandbanks according to the model at Van Phong and Cam Ranh bays.



He suggested some recommendation to the Government of Vietnam

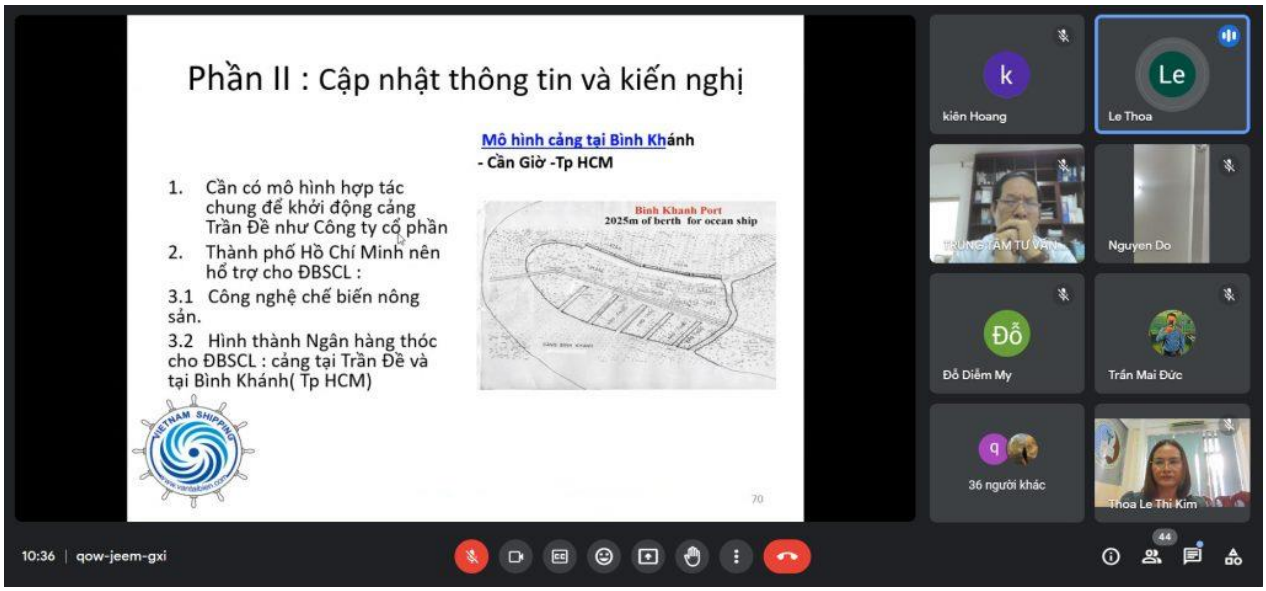
• The Vietnamese Government will soon put the Tran De Gateway Port Project into planning and research at the national level.

• The government asks other countries to sponsor Pre-Feasibility studies.

• Investment policy should follow the PPP model (Public-Private-Partner). The State must maintain command in planning and coordination between businesses.

• For further research, it is necessary to respect the research results

Acoording to Mr. Dung, it is necessary to build a joint cooperation model to start Tran De port as a joint stock company. Ho Chi Minh City should support the Mekong Delta: (i) Agricultural product processing technology. (ii) Forming a Rice Bank for the Mekong Delta.



At the end of the report, the author summarized the core issues in the proposal to build the Tran De gateway port, including the principles of seaport planning and construction along with the highlights and potential for development. Developing the Tran De gateway port project to serve economic development in the Mekong Delta in the future.

The presentation ended at 12:30 pm with many discussions on this matter.