

MINISTRY OF TRANSPORT

SOCIALIST REPUBLIC OF VIETNAM

Independence - Freedom - Happiness

No. 2094/QĐ-BGTVT

Hanoi, November 6, 2020

DECISION

ON ISSUING MASTER PLAN AND 05-YEAR PLAN OF THE MINISTRY OF TRANSPORT AND IMPLEMENTING RESOLUTION NO.36-NQ/TW ON OCTOBER 22, 2018 OF THE EIGHT PARTY CONFERENCE OF THE XIITH CENTRAL EXECUTIVE COMMITTEE OF THE COMMUNIST PARTY ON VIETNAM STRATEGY FOR SUSTAINABLE DEVELOPMENT OF MARINE ECONOMY BY 2030, WITH A VISION TO 2045

MINISTER OF TRANSPORT

Pursuant to Resolution No. 36-NQ/TW dated October 22, 2018 of the Eighth Conference of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a Vision to 2045;

Pursuant to Resolution No. 26/NQ-CP dated March 5, 2020 on promulgating the master plan and five-year plan on implementing Resolution No. 36-NQ/TW dated October 22, 2018 of the Government on implementing the Eighth Conference of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for sustainable development of marine economy by 2030, with a vision to 2045;

Pursuant to Decree No. 12/2017/ND-CP dated February 10, 2017 of the Government on defining the functions, tasks, powers and organizational structure of the Ministry of Transport;

At the request of the Director of the Department of Planning and Investment,

DECIDES:

Article 1. To issue, together with this Decision, the Master plan and 5-year plan of the Ministry of Transport on implementing Resolution No. 36-NQ/TW dated October 22, 2018 of the XIIth Central Executive Committee of the Communist Party on Vietnam's Strategy for Sustainable Development of Marine Economy by 2030, with a Vision to 2045.

Article 2. This Decision takes effect from the date of signing.

Article 3. Chief of Office of the Ministry, Chief Inspector of the Ministry; Director of Department of Planning and Investment; Director of Vietnam Maritime Administration and Heads of relevant agencies are responsible for the implementation of this Decision./.

Recipients:

- As per Article 3;
- Standing Secretariat of the Party Central Committee;
- Prime Minister and Deputy Prime Ministers;
- Vietnam Central Economic Commission;
- Minister - Chairman of the OG;
- Minister and Deputy Ministers;
- Party Committee of the Bloc of Central agencies;
- Ministries: Defense; Planning and Investment; Public Security; Natural Resources and Environment; Science and Technology; Finance: Culture, Sports and Tourism; Agriculture and Rural Development; Information & Communications;
- Provinces/central cities;
- Party Committee of the Ministry of Transport;
- Agencies directly under the Ministry;
- Archives: Filing, MPI (05).

MINISTER

Nguyen Van The

MASTER PLAN AND 5-YEAR PLAN OF THE MINISTRY OF TRANSPORT

ON IMPLEMENTING RESOLUTION NO. 36-NQ/TW DATED OCTOBER 22, 2018 OF THE EIGHTH CONFERENCE OF THE XIITH CENTRAL EXECUTIVE COMMITTEE OF THE COMMUNIST PARTY ON VIETNAM STRATEGY FOR SUSTAINABLE DEVELOPMENT OF MARINE ECONOMY BY 2030, WITH A VISION TO 2045

(Issued together with Decision No. 2094/QD-BGTVT dated November 6, 2020 of the Minister of Transport)

I. OBJECTIVES

This master plan and 5-year Plan define the tasks of the Ministry of Transport, agencies and units of the transportation sector to implement Resolution No. 36-NQ/TW dated October 22, 2018 of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045 to promote the role and position of the transportation sector in the marine economy in particular and national economy in general; contribute to building Vietnam into a nation that has sea advantage, gets rich from the sea, developing socio-economy in sea, island and coastal areas and integrating with the international economy; contribute to asserting national sovereignty and sovereignty right over sea and islands, firmly defending the sovereignty of sea and islands, independence and sacred territorial integrity of the country; building a sea area of peace, stability, cooperation and development.

II. MAIN TASKS

1. GENERAL TASKS

The master plan and 5-year plan of the Ministry of Transport on implementing resolution No. 36-NQ/TW dated October 22, 2018 of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045 have special significance to the transportation sector in general and maritime sector in particular because this is a particular economic - transportation sector with a huge role and potential in contributing to the socio-economic development of the country.

Agencies and units under the Ministry of Transport need to thoroughly study to master and thoroughly grasp the content of Resolution No. 36-NQ/TW dated October 22, 2018 of the Eighth Conference of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a Vision to 2045.

On the basis of the objectives and requirements set out in Resolution No. 36-NQ/TW dated October 22, 2018 above, the transportation sector needs to proactively and actively build and implement activities synchronously and comprehensively in all fields of the sector, with special attention to the development of marine economy: exploit seaports, dry ports; shipping; maritime and logistics services; make effective investments to strengthen connection between sea routes and transportation types of rail, road, air and inland waterway; attach importance to investment in public maritime infrastructure (marine fairways, breakwaters, lighthouses, signal buoys ...); call for socialization capital for investment in seaports under the planning; attach importance to ensuring maritime safety and security, fire and explosion prevention and fighting and environmental protection; develop a modern and environmentally friendly sea fleet; closely and promptly coordinate with the ministries and branches in the search and rescue at sea and in protecting the national sovereignty over the sacred sea and islands of the Fatherland.

2. MASTER PLAN BY 2030, WITH A VISION TO 2045

2.1. Finalization of institutions, policies, plans and planning of the sector:

- Continue to focus on building and finalizing the system of specialized maritime legal documents under the principle of sustainable development, ensuring feasibility, synchronization, consistency, compliance with legal standards and international treaties to which Vietnam is a party; create a favorable legal corridor to support and mobilize domestic and foreign resources for investment in infrastructure construction, development of science, technology, human resources and transfer of marine knowledge; participate in and actively promote the formation of global and regional mechanisms related to sea and ocean.

- Develop a national sector planning for 2021 – 2030 period, with a vision to 2050 under the Law on Planning for the following fields: Maritime (research on Soc Trang port and Tran De port development planning is noted), airline; road, inland waterway,

railway; ensure the favorable connectivity between transportation types in order to improve cargo transportation capacity; coordinate with ministries, branches and localities in organizing the implementation of the planning and supervising the implementation of the approved planning, ensuring synchronous development of various transportation types; support procedures for seaport enterprises to invest and exploit ports under the planning.

- The Vietnam Maritime Administration is responsible for closely coordinating with relevant agencies to improve the effectiveness and efficiency of maritime specialized management, contributing to maintaining maritime safety and security in Vietnam sea area.

- Continue to study to finalize and report to competent authorities the model of seaport management agency, enhance the initiative in the strategy of developing seaport areas, optimize investment efficiency and ensure uniformity and connectivity.

- Complete the system of legal documents in the fields of transportation sector to ensure the synchronization and consistency with the laws of the State; in accordance with relevant international treaties; enhance transportation capacity, meet demand through import-export and domestic goods.

2.2. Development of sea, island and coastal transport infrastructure

a) Investment in maritime infrastructure

- Focus on allocating resources and organizing strong and effective implementation of planning and plans for infrastructure development in sea and coastal areas.

- Concentrate investment and development capital sources under medium-term plan and other lawful capital sources to implement works in service of maritime speciality management (lighthouses, fairway management stations); focus on dredging, maintenance and servicing of marine fairways.

- Continue to diversify investment in the development of maritime infrastructure from different capital sources under the legal provisions, in which the concentrated budget capital for disseminated important public maritime infrastructure; call for socialization capital for investment in harbor and wharf projects.

- Actively and drastically direct the implementation of ensuring the quality and progress of projects of investment in development of transport infrastructure, especially key projects of the sector; improve the project management capacity, capacity of investors, Project Management Board; strengthen inspection, supervision and timely handling of shortcomings in work progress and quality.

- Coordinate with the Ministry of Natural Resources and Environment, relevant ministries, branches and localities in site clearance work, determine the places where

dredged materials are dumped and stored, ensuring environmental protection regulations.

- Maintain effective operation of lighthouses in the direction of synchronous application of new equipment and technology, ensure stable and long-term exploitation.
- Efficiently exploit the coastal information system of Vietnam to ensure smooth and timely communication; research the project of new generation Cospas-Sarsat Satellite Station MEOLUT to meet the technology trend and development roadmap of Cospas-Sarsat organization; maintain and improve the quality of Cospas-Sarsat emergency guard services.
- Invest in upgrading marine fairways as regulated, in accordance with the capital balancing capacity: Cai Mep fairway from buoy No. "0" to Cai Mep container port area; fairway to Nam Nghi Son port area; Hau river fairway through Quan Chanh Bo canal - Phase 2 ... Support and supervise the investment in international gateway seaports under the approved planning.

b) Infrastructure for other sectors

- Increase synchronous investment in infrastructure projects related to maritime infrastructure; Pay special attention to investment in connection transport of sectors of road, inland waterway, railway to important seaports, international gateway ports, serving the socio-economic development of the regions and coastal localities.
- Study high-speed railway on the North-South axis in accordance with the planning and under the capital arrangement capacity. Prioritize investment in the North - South expressway.
- Closely coordinate with the ministries, branches and localities in related tasks under their competence in investment in coastal roads, civil roads, sea dikes and works for preventing and fighting against coastal erosion; fishing ports, local passenger ports.

2.3. Development and application of science and technology and development of marine human resources

a) Development and application of science and technology

- Enhance the application of the Fourth Industrial Revolution's achievements in the management and exploitation of marine infrastructure; increase the application and transfer of modern and advanced technologies, better meet the management and implementation of the tasks of the sector; effectively exploit the information technology system that the Ministry of Transport participates in the national single-door mechanism in the maritime sector and the national single-door mechanism; research on digitizing database in order to effectively manage and exploit maritime infrastructure; research on building electronic nautical chart database and electronic

marine publications under international standards, ensure compliance with the laws of Vietnam. Efficiently exploit information portal for ship procedures declaration and implement the national single-door customs mechanism; coordinate with the General Department of Vietnam Customs to expand the national single-door mechanism in the seaport areas of Ho Chi Minh City, Vung Tau, Da Nang, Hai Phong and Quang Ninh and other seaports to carry out administrative procedures for entry, exit and transit of ships and boats.

- Offices of the Ministry of Transport and specialized management departments strengthen the application of information technology in direction and administration; link the document management systems of agencies, units and the electronic document systems of the Government.

- Continue to effectively exploit the Vessel Traffic System (VTS); Automatic identification system (AIS); Coastal information system; apply new technologies and information technology to the management, operation and exploitation of marine fairway signaling system, lighthouses and seaport exploitation; build a basic database for sharing transport infrastructure in the maritime sector.

- Make plans to inspect and evaluate the state of facility under operation and response to maritime incidents at sea ... contributing to improving the quality of design and registry of ships and marine oil and gas works; direct towards automatic operation, monitoring and remote control of lighthouses difficult to access for inspection and maintenance.

- Set up an automatic statistical system and electronic database for seaport operations related to goods to be exploited, exploitation performance of harbors and wharves; Priority is given to issuing electronic certificates for crew member certification, registration of ships, registry of ships and marine oil and gas works.

- Apply advanced quality management system to improve, improve quality and work efficiency, especially in registry of ships, marine oil and gas works, convenient procedures for ships to enter and leave seaports, create confidence for shipowners and shipping agents.

b) Improvement of the quality of training and development of marine human resources

- Adopt policies to attract and train to have high-quality human resources working for the sector; strengthen training and retraining of knowledge by job positions for civil servants and public employees. Encourage civil servants and public employees to research on scientific topics with practical contents for maritime specialty management.

- Continue to organize or send staff to attend domestic and foreign professional training, coaching and retraining courses; coordinate with universities, colleges and other specialized training and training institutions to enhance the development of

marine human resources, ensuring both quality and quantity; attach importance to improving the quality and quantity of the team of seafarers and maritime pilots.

- Recruit, train, evaluate, recognize and supervise operations of register of ships and marine oil and gas works in accordance with regulations issued by the Minister of Transport and relevant IMO standards; continue to develop a team of specialized technical staff to participate in the development of regulations and standards, solve complex technical and technological problems in shipbuilding, repair and operation of ships and marine oil and gas works.

2.4. International cooperation

a) Regarding maritime

- Participate deeply, extensively, regularly and affirm the role and position of Vietnam at maritime conferences and forums of IMO and relevant international organizations in the region and the world such as IALA, APEC , ASEAN, Tokyo MOU ...; Fulfill all obligations, ensure membership interests in maritime organizations to which Vietnam is a member (IMO; IALA; Inmarsat; IHO ...).

- Continue to strengthen relationship with related organizations that are strategic partners of Vietnam such as Japan, Korea ..., international organizations such as JICA, ADB to attract capital for investment in seaport infrastructure and transport structures connected to seaports.

- Deploy international conventions of IMO to which Vietnam is a member; maritime cooperation and integration requirements in ASEAN; actively participate in activities of Tokyo MOU, APEC and APHoMSA; promote bilateral maritime cooperation activities with neighboring countries such as Laos, Cambodia, China and important partners such as Japan, Korea, Belgium, the Netherlands, Germany, the United States and Australia..., attach importance to signing international agreements, cooperating in training and developing human resources and implementing maritime cooperation projects.

b) Other sectors

- Strengthen cooperation with other countries to learn from experience, transfer science and technology to develop a synchronous transport system for providing an advanced, efficient, safe and suitable transport infrastructure in accordance with the regional and international standards; conveniently connect seaports, economic zones, industrial zones along the coast and with neighboring countries.

- Strengthen international cooperation in the field of registry of ships and marine oil and gas projects in order to be able to receive all supports of resources, experience and knowledge in building technical regulations and developing high quality human resources.

- Closely coordinate with regional ICAO and relevant Vietnamese agencies in reviewing the boundary coordinates (under coordinate system WGS-84) of the flight information area and ICAO search and rescue area; effectively coordinate the receipt and reply of flight notices for flights through and in international airspace over sea managed by Vietnam.
- Actively participate in the amendment and supplement of the ASEAN Cooperation Agreement on aeronautical and maritime and maritime search and rescue, build the ASEAN Search and Rescue Standard Operating Procedures (ASEAN SAR SOP); introduce in ICAO conferences on the system of Cospas - Sarsat Satellite Information Operations Center of Vietnam (VNMCC).
- Carry out the role of Vietnam's aviation authority at international and regional aviation forums, ensure integration, enhancement of international cooperation in civil aviation, contributing to ensuring national defense and security in the airspace under the sovereignty, sovereign rights, and jurisdiction of Vietnam and within FIR zones managed by Vietnam.
- Continue to participate in technical cooperation to build ASEAN aviation market; participate in the development of ASEAN air traffic management master plan to move towards the ASEAN Seamless Sky under the plan of ASEAN; closely monitor and well handle cases of bringing diagrams and information (at conferences organized by ICAO) on the coverage of the equipment system related to Hoang Sa archipelago of Vietnam in a way to ensure compliance with the guidelines, lines and policies of the Party and State, contributing to maintaining the territorial integrity and the sacred sovereignty over the islands of the Fatherland.

2.5. Defense – security tasks

- Continue to strengthen and take the initiative in closely coordinating with the Ministry of National Defense, High Command of Vietnam People's Navy, ministries, branches and localities in performing the tasks of national defense - security, search and rescue, and protecting the sovereignty and exercising national sovereignty rights and jurisdiction over sea and islands.
- Develop infrastructure, transportation associated with management and protection of sea and islands; participate in building all-people defense posture associated with the people's security posture; continue to focus on building and effectively exploiting infrastructure at islands and archipelagos of Truong Sa ...
- Develop and complete legal documents related to maritime; closely coordinate with the Ministry of Natural Resources and Environment and relevant agencies in finalizing the legal system of sea and islands as a basis for establishing sovereignty and sovereignty rights over seas and islands of the country.

2.6. Maritime safety and security, search and rescue, response to incidents and natural disasters and environmental protection

a) Regarding assurance of maritime safety and security, search and rescue

- Promote activities of propaganda, dissemination, inspection, examination and supervision for the observance of laws and relevant international treaties to which Vietnam is a member.
- Deploy programs, schemes and projects of assurance of maritime safety, security and environmental protection, and maritime operation control system to predict, detect and promptly notify natural disaster events, marine accidents, pirates and other dangerous incidents; ensure seaport security and ship security under ISPS Code.
- Continue to effectively exploit the system of marine fairways and signals, and lighthouses; use coastal information system synchronously with modern equipment that reaches international standards.
- Study and deploy the project of building 01 marine search and rescue ship operating offshore, building 01 ship for supply and inspection at sea and in Truong Sa area, southern islands and 01 northern ship under the capital balancing capacity.
- Strengthen professional training and coaching and improve responsibility for pilots to provide safe navigation services for ships entering and leaving ports.
- Strictly manage the registration and registry of ships and seafarers under the legal provisions; in accordance with international conventions to which Vietnam is a member; supervise the shipowners, masters as regulated in order to prevent from accidents and limit the detention of ships overseas.
- Install and operate ADS-B and VHF aviation stations on Truong Sa, Song Tu Tay and Con Dao islands to increase the coverage of VHF communication and surveillance radar, increase the ability to monitor low-range flight operations, reduce aircraft separation standards and coordinate in supporting for Singapore Civil Aviation to increase maritime communication and surveillance capabilities.
- The Vietnam Maritime Administration closely and promptly coordinates with the Civil Aviation Authority of Vietnam in establishing the responsible regions and search and rescue regions at sea, deploying and exploiting Cospas-Sarsat satellite system.
- Closely coordinate with the Air Defense - Air Force, Vietnam People's Navy in deploying and ensuring sea flight operations; deploy and ensure natural disaster prevention, rescue and rescue activities at sea;
- Effectively exploit the system of long-range VHF equipment and secondary surveillance radar (SSR) in Vinh, Son Tra (Da Nang), Quy Nhon, Tan Son Nhat, Ca Mau to ensure coverage for most of the airspaces over sea; continue to exploit data communication network between the driver/air traffic controller and automatic dependent surveillance - contract (CPDLC/ADS-C) to be effectively used for areas out of range of VHF voice communication and surveillance radar in the East Sea.

- Organize and participate in maritime and aeronautic search and rescue drills.

b) Environmental protection, response to natural disasters, climate change and sea level rise

- Strengthen close coordination with Ministries, branches and relevant agencies in the state management work on the protection of the environment and marine environment.

- Develop and finalize regulations and industry standards on the environment; implementation of environmental and strategic environmental impact assessment of planning projects, schemes of the sector to ensure compliance with the provisions of the law on environment; combine harmoniously with coastal protection projects, sustainably ensure marine ecosystems.

- Study and build a green port system in Vietnam in an environmentally friendly way to meet the requirements of environmental protection and international integration.

- For construction investment projects on coastal areas and on islands, it is required to have structures that ensure safety against impacts of natural conditions, ensure safety in terms of construction structure, chemical corrosion resistance; work elevation with taking sea level rise scenario into account.

- Continue to direct and request subordinate agencies and units to strictly comply with regulations on environmental protection in the field of transportation and marine exploration and exploitation equipment and facilities, especially at seaports, seaport wharves, coastal airports, on islands and oil and gas exploration and exploitation mines at sea.

- Well perform obligations and international treaties to which Vietnam is a signatory on maritime safety and security and prevention from environmental pollution of ships, means and equipment for marine exploration and exploitation.

- Propagate regularly and continuously to popularize and raise the awareness and responsibility of organizations and individuals in protecting the environment and marine environment.

- Guide coastal and island airports (Can Tho, Ca Mau, Phu Quoc ...) to implement environmental management, waste management in accordance with the provisions of law on environmental protection.

2.7. Sea transportation and shipbuilding industry

a) Sea transportation

- Build plans and policies of developing modern Vietnamese fleet, focus on the development of specialized ships such as container, liquid cargo ships,...., large tonnage ships; coastal and shore-island fleets; step by step rejuvenate the sea

transportation fleet. Apply information technology to fleet management, operation and operation.

- Build and promulgate supporting policies to gradually increase the market share of import and export goods transportation by sea fleet of Vietnam; study and coordinate with relevant agencies in formulating mechanisms and policies to support initial investment, preferential loans in the purchase or building of new ships, large tonnage and modern specialized ships; coordinate with the concerned ministries and branches to continue reviewing and reducing administrative procedures under the competence, create conditions for the development of sea transportation service business.

- Study, survey and open new passenger transport routes along the coast, to islands and among islands; Study the scheme of efficiently and safely manage non-convention ships under international rules and practices including qualified crew members as a basis for connecting with countries in the ASEAN region under the program of connecting coastal transport routes among ASEAN countries.

- Coordinate with relevant ministries and agencies in developing legal documents on organization and management of services of supporting the connection of modes to build and manage activities of goods transportation trading floors and activities of integration, inter-connection between passenger transport modes.

- Build a healthy competitive transportation market, promote the strength of each mode of transportation and develop multimodal transportation; apply advanced transportation technologies to facilitate the circulation of goods.

- Construct under the planning of railway, road and inland waterway routes connecting with seaports in order to improve transportation capacity, reduce the time for collecting/unloading goods at seaports and reduce the load for the road system.

- Continue to invest in coastal, shore-to-island transportation vehicles; improve the management efficiency of the shore-to-island transportation routes, coastal routes to meet the goods demand shifted to the coastal mode, reduce the load for the road system.

b) Shipbuilding industry

- Study the construction and development of the shipbuilding industry in a way to meet the demand of marine economic development, contribute to socio-economic development and ensure national defense and security; suitable for land use planning, ship building and repair demands of each area; promote the socialization of investment in infrastructure of the shipbuilding industry.

- Develop ship building and repair factories, vehicles and equipment for sea exploration and exploitation, ensure a balance between ship building and repair demands; apply science and technology in building and repairing.

- Develop respective supporting services for the shipbuilding industry such as supply of technical materials, ship equipment and other supporting services.

2.8. Seaport exploitation, development of logistics service and other maritime services

a) Seaport exploitation

- Coordinate with agencies in reporting to competent authorities for directing ministries, branches and localities to review and amend legal documents to further simplify administrative procedures in the fields of Customs, Border Guard, Quarantine and other administrative procedures at seaports for improving efficiency of investment and exploitation; deploy testing and inspection establishments related to the circulation of import and export goods to directly serve and facilitate the passage of goods in seaport areas.
- Organize the management and supervision of efficient operation of existing seaports and seaport infrastructure; ensure a healthy competitive environment among port operators.
- Guide, supervise and support seaport operators to invest in upgrading wharves, harbors, floating terminals, anchorage areas and transshipment areas to suit the demands and planning; invest in modern loading and unloading equipment, improve corporate governance to reduce loading and unloading time and reduce freight and cargo cost prices.
- Continue to focus on developing international gateway seaports and hub seaports under the planning to ensure both acting as a hub for loading and unloading goods, meeting the demands of passage of goods and passengers among areas, regions and international routes and playing a role in linking sectors in the marine economy and the national economy.
- Effectively organize the maintenance and servicing of marine infrastructure in order to be ready to meet the operational capacity.
- Distribute the flow of goods at seaports reasonably; organize the port connection traffic in a scientific and convenient way, meeting the rapid loading and unloading of goods.

b) Development of logistics service

- Support enterprises to invest in dry ports under the approved planning, increase the quality of logistics service; coordinate with relevant ministries and localities in completing mechanisms and policies on land for the development of logistics service and propose priority to allocating sufficient land funds for post-port logistics service areas.

- Coordinate with relevant agencies in completing legal provisions on organization and operation of logistics service; financial mechanisms and policies to meet the demand of developing logistics service.

- Deploy EDI system (electronic processing system for administrative procedures such as: Procedures for port-related permits (notification of arrival/departure of ships, notification of use of anchoring equipment ...) and electronic transaction system at seaports.

c) Other marine services

- Improve quality, develop operational efficiency of transportation services such as agent, pilot, maritime assurance, ship towage; supply of food, fresh water, fuel, materials, garbage and wastewater collection ..., bring into play the role of supporting services in maritime economic development.

- Link and coordinate closely and improve the business efficiency between maritime services and port operators, shipping enterprises, new ship building and repair enterprises; Priority is given to Vietnam's inland waterway vehicle VR-SB to participate in towing and salvage activities in Vietnamese waters.

- Improve the quality of coastal public non-business and information service, including emergency surveillance service under the modes of Inmarsat, Cospas-Sarsat, DSC and RTP; legal services of MSSSI EGC, NAVTEX and RTP; maritime industry information connection service.

- Enhance the role of seaport associations, Vietnam shipowners' associations ... in supporting orientation and promoting efficiency of maritime enterprises.

2.9. Propaganda, education and dissemination of information on sea and islands

- Actively organize the research and thoroughly grasp the content of Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045, and the Party's and the Government's directives in the maritime field and this plan so that all officers, civil servants, employees in the transportation sector thoroughly grasp, deeply realize the position and role of the maritime sector for import and export goods, socio-economic development and assert the country's sovereignty over sea and islands.

- Attach importance to and step up the propaganda on sea and islands to all classes of people; mainstreaming form in the Conference of propaganda and dissemination of new provisions of law on maritime (legal regime of sea areas under the provisions of the United Nations Convention on the Law of the Sea 1982 and regime of sea and islands of Vietnam; legal regulations and implementation and organization of the Law on the Sea of Vietnam passed by the National Assembly at the 3rd session on June 21, 2012 ...)

- Vietnam Maritime Administration continues to organize propaganda, advocacy and guidance on the work of assurance of maritime safety; search and rescue at sea and inland waterway; instructions on contacts, methods of first aid and rescue, locations for anchorage and storm shelter, medical first aid cabinets on fishing vessels and small transportation ships; deploy the distribution of round buoys, personal life jackets and medical bags to fishermen, seafarers and operators of waterway vehicles.
- Regularly organize meetings between management agencies and enterprises and maritime associations to agree and timely settle difficulties and problems arising.

2.10. Assurance of state management effectiveness and efficiency

a) Regarding maritime

- Build and finalize a system of legal documents on maritime specialty; review and update specialized strategies and planning; research and propose breakthrough policies for the development of the sector; promote the attraction of non-State capital for investment in building maritime infrastructure, seaport connection infrastructure; proposal for signing and joining international maritime treaties and agreements.
- Build a compact maritime specialty management apparatus that ensures effectiveness and efficiency in management and administration nationwide (Vietnam Maritime Administration), and seaport waters (Local maritime port authorities); ensure maritime safety (the Northern and Southern Vietnam Maritime Safety Corporations); ensure communication for vehicles operating at sea through Vietnam coastal information system (Vietnam Maritime Communication and Electronics One Member Limited Liability Company); proactively participate promptly and actively in response to incidents and natural disasters, search and rescue at sea (Vietnam Maritime Search and Rescue Coordination Center); agencies and organizations assigned to perform the tasks of electronic communication, marine pilot.
- Strengthen inspection and examination in order to promptly detect, adjust, supplement and complete inadequacies and entanglements.

b) Other specialties

Enhance the role of specialized support, inspection and supervision, ensure the synchronization, consistency and connectivity among the specialties of the transportation sector; enhance capacity, meet domestic and international transportation demand; ensure traffic safety and environmental protection.

3. 5-YEAR PLAN FOR 2021 - 2025 PERIOD

3.1. Improvement of institutions, policies, strategies, plans and planning:

- Study the review and recommendation of amendments and supplements to a number of articles of the Law on Civil Aviation of Vietnam.

- Build and submit to competent authorities for timely promulgation of legal documents on transportation sector in general and maritime sector in particular; ensure the uniformity and consistency in the sector management.
- Develop a national master plan for 2021 - 2030 period, with a vision to 2050 under the Law on Planning for the following fields: Maritime; aviation; road, inland waterway, railway; increase the synchronous connection among transportation types.
- After the national sector planning is issued, continue to build plans of specialized technical nature as regulated.
- Review and complete the annual public investment plan and medium-term public investment plan for 2021 – 2025 period.

3.2. Development of sea, island and coastal traffic infrastructure

- Speed up the progress of implementing the project of upgrading Cho Gao canal - Phase 2; report to the competent authority to arrange capital for the project of upgrading fairways for ships with large tonnage into Hau river - Phase 2. The investment project of upgrading Cai Mep - Thi Vai fairway from buoy No. "0" to Cai Mep container port area to receive ships up to 200,000 tons (18,000 TEU) without waiting for the entrance of tide to handle the cargo; the project of developing waterway and logistics corridors of Southern region funded by ODA loan.
- Research on continuing upgrading Vietnam coastal information system as regulated, in line with the roadmap for modernization of Global Maritime Distress and Safety System (GMDSS), and electronic navigation (E-Navigation) of the International Maritime Organization (IMO).
- Research on the high-speed railway along the North-South axis; research on railway lines connecting important seaports.
- Speed up the progress of investment in Long Thanh airport.
- Coordinate with the People's Committees of Ba Ria - Vung Tau and Dong Nai provinces to speed up Bien Hoa - Vung Tau expressway project (Bien Hoa - Cai Mep section) to reduce the time and cost of freight transportation to Cai Mep - Thi Vai port area and vice versa; accelerate the construction progress of Cai Mep - Thi Vai inter-port route connecting ports in Phu My area and accelerate the expansion of Phuoc Hoa - Cai Mep road, road 991B connecting National Highway 51 and Cai Mep port area.
- Propose the People's Committee of Ho Chi Minh City to speed up the progress of the project of road connecting ports in Cat Lai, Phu Huu (District 9, Ho Chi Minh City) to Ring Road 2 to reduce the load for Nguyen Thi Dinh road and Research on the project of upgrading the North-South axis route connecting from Ring Road 2 to Hiep Phuoc wharf area as a basis for implementing investment to promptly meet the demand of exploitation of Hiep Phuoc port area in the coming time.

- Implement under the plan of projects assigned to Directorate for Roads of Vietnam, specialized departments, project management units of Group A and Group B projects intended in the medium-term public investment plan for 2021 – 2025 period.
- Annually continue to effectively dredge, maintain, install signaling systems for marine fairways and inland waterways; maintain the roads and railways being exploited in accordance with the allocated non-business capital sources to maintain the transportation capacity; ensure transportation safety.

3.3. Development and application of science and technology and development of marine human resources

a) Development and application of science and technology

- Study the project of setting up new generation Cospas - Sarsat satellite station MEOLUT to meet the technology trend and development roadmap of Cospas - Sarsat organization; improve the quality of Cospas - Sarat emergency watch service.
- Efficiently exploit long-range identification and tracking system (LRIT); manage ships with vessel traffic service (VTS); automatic identification system (AIS) to improve efficiency in the management and surveillance of position of ships hanging national flag, serving maritime specialty management, search and rescue and national defense and security, and marine economic development.
- Conduct declaration of ship procedures through the e-portal; expand the national singlewindow customs mechanism in seaport areas of Ho Chi Minh City, Vung Tau, Da Nang, Hai Phong and Quang Ninh and other seaports.
- Strictly comply with the provisions of law on prevention from environmental pollution at seaports, marine fairways, airports, railway stations, roads and inland waterways.
- Carry out online public services, especially in registry of ships, marine oil and gas projects, procedures for entrance and exit from seaports of ships.

b) Improvement of quality of training and development of marine human resources

- Build an annual plan to organize or send staff to attend domestic and foreign professional training, coaching and retraining courses; coordinate with universities, colleges and specialized training and coaching institutions; improve the quality and quantity of the team of seafarers and marine pilots.
- Continue to ensure timely and accurate issuance and re-issuance of papers to ships and crew members as regulated. Continue to direct the Maritime Port Authorities to inspect and supervise the declaration of title, date of disembarkation and departure from ships of crew members into the seafarer management database.

- Strive to 2030 that the team of ship registers and specialized technicians will reach about 500 people that meet international standards.

3.4. International cooperation

- Complete the signing of Agreement on recognition of seafarer's certificate of competency under Convention of STCW ven Azerbaijan, Man Islands, United Arab Emirates; discuss the Russian Embassy and related parties in definitive settlement of entanglements of Vietnamese seafarers entering the seaports of the Russian Federation; continue to support Laos and Cambodia in implementing a memorandum of understanding on the coordination, receipt and processing of Cospas - Sarsat emergency alarm data.

- Continue to research, review and exchange with relevant agencies of Laos, Cambodia, Mongolia, Korea, Japan, the Netherlands, the Kingdom of Belgium and the United States to promote cooperation between parties.

- Regarding IMO work: Continue to coordinate with IMO Assessment Delegation in implementing the assigned tasks of IMO Member State Audit Scheme (IMSAS); Report to IMO Secretary General on Vietnam's plan and measures to overcome the shortcomings; Coordinate with relevant agencies and units in meeting and discussing the implementation of remedial actions as proposed by IMO; Continue to monitor the content of the meetings, meeting sessions, criteria and conclusions, sent to members of Vietnam IMO Secretariat, and relevant agencies and units.

- Continue to implement bilateral aviation agreements with countries, territories and multilateral agreements on air transport, creating favorable conditions for the strong development of air transport activities. to international airports of Vietnam.

- Organize delegations to attend regional and international conferences and seminars on the basis of ensuring compliance with regulations on foreign working regimes; Strengthen cooperation with other countries for technology transfer in soft soil treatment; construct specialized transporation projects.

3.5. Defense - security tasks

- Promptly advise and effectively implement tasks and solutions to ensure national defense - security, social order and safety, serving the sustainable development of Vietnam marine economy.

- Actively participate actively and promptly in search and rescue at sea; closely and promptly coordinate with the Ministry of National Defense, the High Command of Vietnam People's Navy, High Command of Vietnam Coast Guard, the National Committee for Incident and Natural Disaster Response and Search and Rescue and related ministries and agencies in participating in conferences on sea, islands and drills at sea and performing the task of preserving the sovereignty, sovereignty rights

of sea and islands of the country. Continue to implement statutes on coordination with relevant agencies.

3.6. Maritime safety and security, search and rescue, response to incidents and natural disasters and environmental protection

- Drastically implement the instructions of the Government, the Prime Minister, the National Traffic Safety Committee on traffic safety of the entire sector and in the maritime field.

- Annually, plan and organize the good implementation of natural disaster prevention and fighting, search and rescue; focus on dissemination and propaganda, combined with inspection and supervision of the observance of legal regulations on maritime safety and security to entities involved in maritime operations, especially vehicles carrying VR grade - SB; inland waterway and fishing vessels.

- Build inspection plans for transportation units and companies, port enterprises to ensure maritime security, well serve the travel demand of the people, ensure traffic safety, especially shore-to-island waterway transportation route.

- Continue to coordinate with relevant units to implement the work of vehicle load control at seaports.

- Continue to implement the Scheme of maintaining Vietnamese fleet in white and gray lists of Tokyo MOU. Urge and inspect the units to strictly deploy 24/7 duty to receive and promptly handle all accident and incident information.

- Build plans, effectively implement the maintenance and servicing of marine fairway and signaling system. The Vietnam Maritime Administration continues to make purchase orders for public non-business services to ensure safety of maritime and coastal information as regulated.

- Research and implement the project of building 01 offshore marine search and rescue ship; investment project of 01 ship of supply and inspection at sea and Truong Sa area, the southern islands and 01 ship in the North under the capital arrangement.

- Research on accession to International Convention for the Control and Management of Ships' Ballast Water and Sediments 2004 (BWM - 2004); continue to implement the plan of MARPOL Convention; implement and closely supervise to ensure compliance with regulations on environmental protection and take into account sea level rise scenarios in the appraisal of basic design, technical design for construction investment projects and works of dredging and maintaining marine fairways.

- Research on completing a system of regulations and standards for safety in exploitation of marine vehicles and works related to the transport and reception of liquefied natural gas (LNG) products.

3.7. Sea transportation and shipping industry

- Develop Vietnamese fleet with an appropriate structure; increase the proportion of container ships in total tonnage of the fleet; attach importance to developing specialized ships such as gas, oil, container, bulk cement, towing and support with large capacity.
- Enhance the role and efficiency of state management in the development of coastal transportation routes in order to maximize the connection between inland waterway ports and seaports, facilitating the circulation of cargoes.
- Continue to upgrade and invest in building and modernizing the fleet operating on the shore-to-island route, domestic activities, installation of suitable equipment to better meet the needs of freight and passenger transportation.

3.8. Exploitation of seaports, development of logistics service and other maritime services

- Encourage seaport enterprises to invest in modern, synchronous and suitable loading and unloading equipment in accordance with port functions; build measures to improve corporate governance in order to improve cargo handling capacity and reduce transportation costs; improve the operational efficiency of ports in Cai Mep - Thi Vai and Lach Huyen areas.
- Coordinate with localities in attracting investors in dry ports. Implement Decision No. 2227/QĐ-BGTVT dated October 17, 2018 of the Minister of Transport on promulgating the plan to implement Directive No. 21/CT-TTg dated July 18, 2018 of the Prime Minister on promoting solutions to reduce logistics costs, effectively connect transportation infrastructure system and Decision No. 1841/QĐ-BGTVT dated June 26, 2017 of the Minister of Transport on implementing Decision No. 200/QĐ-TTg dated February 14, 2017 of the Prime Minister on the Action Plan of improving competitive capacity and develop logistics service in Vietnam by 2025.
- Invest in development of towing fleets with modern technical equipment, large capacity, meeting the standards of towing, ensuring absolute quality of towage service when shipping agents tend to increase tonnage, especially container ships operating in Vietnamese market; enhance the ability to provide lump sum seaport services to customers, proactive in ensuring maritime safety.
- Develop the team of pilots, build annual plans to bring the team of pilots to participate in training domestically and abroad for grade promotion.
- Encourage seaport enterprises to cooperate in port operations in order to improve production and business efficiency of enterprises while enhancing capacity and overall efficiency of seaports in the region.

3.9. Propaganda, education and dissemination of information about sea and islands

- Build plans to strengthen propaganda, dissemination, inspection, examination and supervision of the observance of Vietnamese law and international maritime treaties and agreements, especially related international laws on assurance of maritime safety, security and freedom right in the East Sea.
- Organize conferences on propaganda, dissemination and training of newly issued legal regulations in the maritime field in localities; focus on renewing and diversifying forms of propaganda, attach importance to the quality, content and suitability with the characteristics of the subject, the region as well as the duration of the propaganda.
- Strengthen propaganda, dissemination, inspection, examination and supervision of the observance of the law on implementation of regulations on environmental protection.
- Strengthen cooperation in information and propaganda work with media, news and press agencies.

3.10. Assurance of state management effectiveness and efficiency

- Annually continue to build and step by step complete the system of legal documents on maritime; research and propose breakthrough policies to develop the sector.
- Actively and drastically direct the implementation of ensuring the quality and progress of investment projects of development of transport infrastructure, especially key projects of the sector.
- Promote propaganda, dissemination, inspection, examination and supervision of the observance of Vietnamese laws and international maritime treaties and agreements, especially international laws on assurance of maritime safety, security and freedom right in the East Sea.
- Strengthen coordination and combination between management agencies with localities and enterprises in reviewing, elaborating and implementing the sector's planning.

III. ORGANIZATION OF IMPLEMENTATION

1. On the basis of main tasks and contents in the master plan and 5-year plan (attached Appendix), under the assigned functions and tasks, heads of agencies and units of the Ministry are responsible for directing the construction and implementation as regulated, ensuring the good completion of the Ministry of Transport's general task of implementing Resolution No. 36-NQ/TW dated October 22, 2018 of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045.

2. Enhance the promotion of exemplarism, initiative, creativity and responsibility of each agency, unit or individual in the Transportation sector to successfully complete the assigned tasks, contributing to bringing Resolution No. 36-NQ/TW dated October 22, 2018 of the Eighth Conference of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045 into the practical activities of the Transportation sector.
3. Agencies and units assigned to take prime responsibility for implementation must seriously uphold the responsibilities, actively coordinate closely and promptly with relevant agencies in the implementation of specific contents; strengthen inspection and supervision to meet the progress, quality and effectiveness of this Master Plan and 5-year plan. Periodically report the implementation situation and result of the year and the implementation plan for the following years to the Ministry's Office before December 15 every year so that the Ministry's Office synthesizes and submit to the Minister for reporting to the Prime Minister.
4. The Ministry's Office is responsible for assisting the Minister in inspecting and supervising the implementation of the master plan and 5-year plan of the Ministry of Transport on implementing Resolution No. 36-NQ/TW dated October 22, 2018 of the XIIth Central Executive Committee of the Communist Party on Vietnam Strategy for Sustainable Development of Marine Economy by 2030, with a vision to 2045.
5. In the process of organizing the implementation, in case it is necessary to adjust and supplement the Master Plan and 5-year plan, agencies and units in the Transportation sector shall proactively report to the Ministry's Office for submitting to the Minister for consideration and decision./.

APPENDIX:

LIST OF PROGRAMS, PROJECTS, SCHEMES FOR THE PERIOD OF 2021 - 2025 AND BY 2045 UNDER THE MASTER PLAN AND 5-YEAR PLAN OF THE MINISTRY OF TRANSPORT ON IMPLEMENTING RESOLUTION NO. 36-NQ/TW DATED OCTOBER 22, 2018 OF THE XIITH CENTRAL EXECUTIVE COMMITTEE OF THE COMMUNIST PARTY ON VIETNAM STRATEGY FOR SUSTAINABLE DEVELOPMENT OF MARINE ECONOMY BY 2030, WITH A VISION TO 2045

(Attached to Decision No. 2094/QĐ-BGTVT dated November 6, 2020 of the Ministry of Transport)

No.	Name of program, project, scheme	Responsible agency	Coordinating agency	Expected implementation, issuance and completion time	Note
I	Programs, projects and schemes of transportation sector				
1	Buid, propose amendments, supplements and and promulgation of new Decrees, Circulars and legal documents on maritime specialty	Vietnam Maritime Administration	Departments: DLA, DOT, DPI, DIC, DST, DTI, DOE, DTS	2021 - 2025 and after 2025	
2	Master plan on development of Vietnam's seaport system for 2021 - 2030 period, with a vision to 2050	Vietnam Maritime Administration	Departments: DPI, DLA, DOE, DOT, DTI, DST	2020 - 2021	
3	Detailed planning of groups of seaports, harbors, wharves, floating terminals, waters and airspaces for 2021 - 2030 period, with a vision to 2050	Vietnam Maritime Administration	Departments: DPI, DLA, DOT, DOE, DTI, DST	2021 - 2022	
4	Detailed planning of development of territory, seaport waters for 2021 - 2030 period, with a vision to 2050	Vietnam Maritime Administration	Departments: DPI, DLA VT, DOE, DTI, DST	2021 - 2022	
5	Planning of development of dry port system for 2021 - 2030 period, with a vision to 2050	Vietnam Maritime Administration	Departments: DPI, DLA, DOT, DOE, DTI, DST	2021 - 2022	
6	Project of establishing new generation Cospas - Sarsat satellite station MEOLUT	Vietnam Maritime Administration	Departments: DPI, DLA, DTI, DST, DIC; Vishipel	2021 - 2030	
7	Project of building 01 specialized offshore serving search and rescue	Vietnam	Departments:	2021 - 2030	

		Maritime Administration	DPI, DOT, DOE, DTI, DST		
8	Investment and construction project of Marine fairway flow management stations (Lach Huyen, Dong Bai, Dung Quat, Ly Nhon, Go Gang, Dong Nai, Dong Tranh, Ba Ngoi)	Vietnam Maritime Administration	Departments: DPI, DLA, DOE, DTI, DST, VT; Vietnam Maritime Safety Coporations	2021 - 2025 and 2025 - 2030	
9	Construction investment project of lighthouses (Tu Chinh A, Tu Chinh B, Phuc Nguyen, Da Lat, Mui La Gan, Truong Sa Dong, Phan Vinh, Sau Dong, Lach Ghep, Lach Quen, Cua Van, Hon La)	Vietnam Maritime Administration	Departments: DPI, DLA, DOE, DTI, DST, DOT, DTS; Vietnam Maritime Safety Coporations	2021 - 2025 and 2025 - 2030	
10	Investment and construction project of Luong work for large tonnage ships to enter Hau river	Maritime PMU	Departments: DPI, DOE, DTI, DOT, DTS, DST; Maritime PMU	2021 - 2025	
11	Renovation and upgrading of Hon Gai - Cai Lan marine fairway	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DTS, DST; Maritime PMU	2021 - 2025 and 2025 - 2030	
12	Renovation and upgrading of Da Nang fairway for ships 50,000 tons	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Maritime PMU	2021 - 2025 and 2025 - 2030	
13	Investment in construction of breakwaters in Vung Ang port, Ha Tinh (Phase 1)	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DTS, DST; Maritime PMU	2021 - 2025 and 2025 - 2030	
14	Renovation and upgrading of sand dyke system for Cua Viet fairway	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DTS, DST; Maritime PMU	2021 - 2025 and 2025 - 2030	
15	Construction of Diem Dien marine fairway correction dyke	Vietnam Maritime	Departments: DPI, DOE,	2021 - 2025 and 2025 - 2030	

		Administration	DTI, DOT, DTS, DST; Maritime PMU		
16	Investment in dredging Tran De's marine fairway for ships 2,000 tons (section from Vam Nhon My to Tran De estuary)	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DTS, DST; Maritime PMU	2021 - 2025 and 2025 - 2030	
17	Investment in 01 ship of supply and inspection at sea, Truong Sa area and Southern offshore islands	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Maritime PMU, VMS-South	2021 - 2025 and 2025 - 2030	
18	Investment in 01 ship of supply and inspection at sea and Northern offshore islands	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Maritime PMU, VMS-North	2021 - 2025, after 2025	
19	Construction of coastal information station, Center for search and rescue, representative of Nha Trang maritime port authority in Truong Sa	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Vishipel	2021 - 2025, after 2025	
20	Investment in construction of storm sheltering anchorage area (Gianh river - Quang Binh; Cua Hoi - Nghe An; Thuan An - Thua Thien Hue; Cua Viet - Quang Tri; O Lon Bay, Hon Soi Mui - Quang Ninh; Lach Huyen - Hai Phong)	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DTS, DST;	2021 - 2025, after 2025	
21	Vessel Traffic Service (VTS) of Hon Gai - Cai Lan fairway	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Vishipel	2021 - 2025, after 2025	
22	Vessel Traffic Service (VTS) of fairway for large tonnage ships to enter Hau River	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Vishipel	2021 - 2025, after 2025	
23	Improvement of capacity of coastal communication system using terrestrial radio wave	Vietnam Maritime Administration	Departments: DPI, DOE, DTI, DOT, DST; Vishipel	2021 - 2025, after 2025	
24	Investment in upgrading Cai Mep - Thi Vai fairway from buoy No. "0" to Cai Mep container port area	Maritime PMU	Vietnam Maritime	2022 - 2025	

			Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST		
25	Investment in construction of project of upgrading and expanding Ha Nam and Lach Huyen canals - Hai Phong marine fairway	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, ĐTCT, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
26	Invest in construction of a fairway to Tho Quang port area, Da Nang	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, ĐTCT, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
27	Renovation and upgrading of Ba Ngoi fairway for ships 50,000 tons	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
28	Renovation and upgrading of marine fairway to the ports in Southern Nghi Son area, Thanh Hoa	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
29	Renovation and upgrading of Cua Lo fairway for ships 30,000 tons of full load, 50,000 tons with reduced load	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
30	Renovation and upgrading of Quy Nhon fairway for ships 50,000 tons	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE,	2021 - 2025, after 2025	

			DTI, DOT, DTS, DST		
31	Renovation and upgrading of Hon La marine fairway	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
32	Investment in construction of sand dyke system of Cua Gianh fairway	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
33	Renovation and upgrading of Saigon - Vung Tau fairway (from GR buoy to Thieng Lieng canal)	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
34	Renovation and upgrading of Dua river marine fairway	Maritime PMU	Vietnam Maritime Administration; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025, after 2025	
II	Programs, projects, schemes of other sectors				
1	Formulation, proposal of amendments, supplements and promulgation of new Decrees, Circulars, legal documents on road, railway, inland waterway and aviation.	DRVN; VNRA, VIWA, KHVN	Departments: DLA, DOT, DPI, DIC, DST, DTI, DOE, DTS	2021 - 2025, after 2025	
2	Road network planning for 2021 – 2030 period, with a vision 2050	DRVN	Departments: DPI, DLA, DOE, DOT, DTI, DST	2020 - 2021	
3	Railway network planning for 2021 - 2030 period, with a vision to 2050	VNRA	Vietnam Railways Corporation; Departments: DPI, DLA,	2020 - 2021	

			DOE, DOT, DTI, DST		
4	Master plan of national airport system development for 2021 - 2030 period, with a vision to 2050	CAA	ACV; Departments: DPI, DLA, DOE, DOT, DTI, DST	2020 - 2021	
5	Planning of inland waterway infrastructure for 2021 – 2030 period, with a vision to 2050	VIWA	Departments: DPI, DLA, DOE, DOT, DTI, DST	2020 - 2021	
6	Research and adjustment of planning of airports for 2021 – 2030 period, with a vision to 2050	CAA	Departments: DPI, DLA, DOE, DOT, DTI, DST	2020 - 2030	
7	Upgrading of Cho Gao canal route - Phase 2	Project Management Unit of Waterways	VIWA; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2023	
8	Upgrading of Ninh Binh - Thanh Hoa waterway transportation route	VIWA	Departments: DPI, DOE, DTI, DOT, DTS, DST, Waterway PMU	2025 - 2030, after 2030	
9	Improvement of clearance of road and railway bridges (crossing national inland waterway route)	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2021 - 2025 and 2025 - 2030	
10	Development of transportation and logistics corridors in the South	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2021 - 2025	
11	Upgrading of waterway transportation route from Hai Phong - Quang Ninh (Waterway corridor No. 2)	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	After 2025	
12	Upgrading of Ha Tien - Rach Gia - Ca Mau waterway transportation route	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2025 - 2030, after 2030	
13	Upgrading of Muong Khai - Doc Phu Hien canal route	Project Management Unit of	Departments: DPI, DOE, DTI, DOT,	2025 - 2030, after 2030	

		Waterways	DTS; VIWA		
14	Upgrading of Viet Tri - Yen Bai waterway transportation route	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2025 - 2030, after 2030	
15	Upgrading of Van Gia - Ka Long waterway transportation route	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2025 - 2030, after 2030	
16	Upgrading of Ham Luong river waterway transportation route from Tien river junction to Ham Luong estuary	Project Management Unit of Waterways	Departments: DPI, DOE, DTI, DOT, DTS; VIWA	2025 - 2030, after 2030	
17	Long Thanh international airport Phase 1	Investor	CAA; Departments: DPI, DOE, DTI, DOT, DTS, DST	2021 - 2025	
18	Investment in upgrading and modernizing works of management, assurance of flight operations	Vietnam Air Traffic Management Corporation	CAA, Departments: DPI, DOE, DTI, DOT, DTS, DST	2025 - 2030, after 2030	