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## Sagarmala: The Project to Build Infrastructure for the Indian Economic Development



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### **ABSTRACT:-**

Our country India is bounded by the Indian Ocean on three side and covered the 7516.2km.coastline area and India is the 7<sup>th</sup> largest country of the world. India is centrally located in Indian Ocean and India lies in West Asia countries. The vast area and its central location provide opportunity to India trade with the Africa, East-Asian and European Nations. To develop the trade with other countries India needed to develop the sea ports in eastern and western coast of India. India suffer from poor linkages and poor performance of existing port infrastructure. An insufficient transport connectivity increase the logistics and exports cost. There for the present government develop the model cities, new sea ports, transportation and other facility near the coastal area.

### **KEYWORDS:-**

Sagarmala, Establishment, Logistics hub, Infrastructure, Supervision, Holistic, Sustainable

### **INTRODUCATION:-**

The **National Sagarmala Apex Committee** (NSAC) first meeting was held in 05 October 2015 under the supervision of Shipping and Road transport & highway Union Minister Mr. Nitin Gadkari. The Vice- chairman of NITI Aayog Arvind Pangariya, Petroleum minister Mr. Dharmander Pradhan and the Chief Minister of N. Chandrababu Naidu attend the NSAC first meeting. It was decided in

the meeting that 70,000 crore Rs. will invest in this project in the coming next few years. The government plan that most of the investment made by the government and the remaining project is completed through the Public Private Partnership (PPP) model. According to the National Perspective Plan (NPP) six new green field ports are developed under this ambitious project.

**They are:** Sagar (West Bengal), Paradip in Odisha, Enayam in Tamil Nadu, Machilipatnam in Andhra Pradesh, Vizhinjam in Kerala and Vadhavan in Maharashtra.

The concept of port led development is central to Sagarmala vision. Ports led development focus on logistic intensive industries, efficient ports, seamless and connectivity. It is the flagship program under the super vision of Ministry of Shipping co-operation and work under the companies Act 2013, with an initial authorized capital of 1000 crore Rs. and a subscribed share of capital 90 crore Rs. This ambitious program for the port-development in the country and it will help in reducing the cost for the domestic and Export and Import cargo with optimized infrastructure development. The Sagarmala program reduce 35 to 40 thousand crore cost till 2025. Sagarmala lies a significant potential for transporting raw material and finished goods under the inland water bodies and coastal shipping routes. Share of transportation in inland water bodies and coastal sea routes should need to increase because this mean of transport is 70-80% cheaper to railway and road transport. So Ministry of shipping develop the railway and road transportation near the port area to increase the connectivity with land transport with sea transport.

### **KEY COMPONENT OF SAGARMALA PROJECT:-**

Sagarmala is a strategic, customer oriented initiative project of government of India to evolve a model of port development where India long coastline become the gateway of the India's prosperity.

There are three key component of this project. They are discuss as under:

1. Port Modernization:- Transforming the existing port into world class port through infrastructure modernization and streaming system.
2. Efficient Evacuation System:- development efficient rail, road and coastal network to hinterland. Promoting coastal shipping for cargo movement.
3. Coastal Economic Development:- Promote coastal economic zones, promote tourism and through promoting industries near the coastal area.

### **AIM & OBJECTIVE OF THIS PROJECT:-**

1. The primary objective of the Sagarmala project is to promote port direct and indirect development and provide infrastructure transport goods to transport and take back quickly form port.
2. The second aim of this project to access development of new regions with inter-modal solutions and promoting optimal modal split.
3. Establishment of logistics hub and establishment of industries as well as manufacturing centers to be served through ports in domestic and international trade.
4. To simplifying procedures at ports for moving cargo and using electronic channels for information exchange leading to rapid, tension free movement of cargo ships.

5. To enhancing connectivity in main economic centers and expansion of basic infrastructure such as railway, inland water, coastal and road services.

### **PILLARS OF SAGARMALA PROJECTS:-**

*There are three pillars of Sagarmala project development:*

1. Modernization and establishment of new port through port infrastructure Enhancement.
2. Development integrated transport infrastructure for connectivity the coast hinterland.
3. Support and enhancement of port led development through policies and institutional interventions which are appropriate and provide for an institutional framework for inter-agency collaboration and coordination between ministries, departments and states.

### **COASTAL ECONOMIC ZONE AND THE SAGARMALE PROJECT:-**

Giving boost to economic activity near coast area there is need to establish the Coastal Economic Zones (CEZs). Under this project 12 Smart cities will be develop near the ports regions with an investment of 50,000 crore Rs. For this Indian government identify 1208 islands and 189 lighthouses to develop as tourism spot for the boost of domestic and international tourism significantly. The Sagarmala project identify the suitable locations with deep drafts to enhance shipping and develop port handling capacity. This project redevelopment of existing port infrastructure through upgrade in port

handling equipment and extensive use of information technology in improving and operation of port activity.

With its long coastline, India has great potential for development for the sustainable and renewable energy source and Indian government has priority to attractive investment area. The power generation can be important activity in the coastal area. Development and linking of short-sea shipping, coastal shipping and inland water transportation will get the due attention. Development of ship building, ship repairing and ship recycling industry is also the priority of Indian government.

### **BENEFITS OF THIS PROJECT:-**

1. 3-4 World class Modern Mage ports of 200 Metric ton capacity.
2. 3-4 coastal tourist circuits to position India as a prominent tourist destination.
3. Fully integrated coastline through inland and mega waterway channels through river and the coastal port.
4. Significantly employment creation in ports, shipping and ecosystem.
5. Revenue generation through increase economic activity due to all round development of the coastal cities.

### **CHALLENGES OF THE SAGARMALA PROJECT:-**

1. *Finance Constraint:* it is needed to huge budgetary allocation required for the infrastructure development of the major project.
2. Non availability of Modern technology: India is still lagging behind for the creation of efficient and effective port. Most of the

- technology advancement proposed in the project are non-indigenous.
3. To identify landslide prone zone and built environment friendly ports.
  4. The success of this project depend on Inter-Connectivity between railway, roads and inland water body services.
  5. The Sagarmala Project initiative would also strive to ensure sustainable development of population living in the Coastal Economic Zone (CEZ).
4. *“Sagarmala project to saving 35000 cr. For India”* B2B New Delhi Oct.2016.
  5. [Www. Sagarmala.com](http://www.Sagarmala.com)

### **CONCLUSION:-**

The main aim of Sagarmala project is holistic port development infrastructure in the coastal region of India. Sagarmala project develop, modernized, Mechanize and computerize the new ports and port cities region in the coastal area. Under this port-led development framework government hope to increase the cargo traffic  $\frac{3}{4}$  in the coming next five years. There are 14-20% population of the country 11 state and 6 Union Territories are attached with Indian oceans. Kandla (Gujrat) and Paradip (Odisha) are being developed under Green Smart City project during next few years.

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