Construction of Zhejiang Ocean economic demonstration zone

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E-mail:  
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1 background
2 development conditions
3 strategic positioning
4 main expected indicators
5 marine industry system Construction
6 three-dimensional port& channel logistics service system construction
7 Zhoushan Islands New Area construction
Background

1. Chinese government unprecedented attention to marine economic development

"The 12th Five-Year Plan" put forward clearly "hundred words guiding principle of development of marine economy", And in recent years China has approved a series of national marine economic development plan.

(1) Liaoning "five line" economic zone
(2) Shandong Peninsula blue economic zone
(3) Jiangsu coastal economic zone
(4) Zhejiang Marine Economic Demonstration Zone,
(5) The West Strait Economic Zone
(6) Zhuhai Hengqin New Area
(7) Guangxi Beibu Gulf Economic Zone
Liaoning “five line” economic zone
Shandong Peninsula blue economic zone
Jiangsu coastal economic zone
Zhejiang Marine Economic Demonstration Zone
The West Strait Economic Zone
Zhuhai Hengqin New Area
Guangxi Beibu Gulf Economic Zone
Background

2. State Council’s “Yangtze River Delta Regional Planning.”
Abundant marine resources
favorable geographic conditions
advantageous characteristic industries
flexible institutional mechanisms
Zhejiang Ocean economic demonstration zone

favorable geographic conditions

(1) Northeast Asia and West Pacific port axis

(2) North-South hub

(3) Intersection point

(4) harbor group Center
China's important international logistics center of bulk commodities

China’s Offshore Island Development Reform Demonstration Zone

China's Modern Development of Marine Industry Demonstration Zone

China’s Coordinated Development of Ocean and Land Demonstration Area

China's Marine Ecological Civilization and Clean Energy Demonstration Zone
### Key indicators of Zhejiang Marine Economic Demonstration Zone

<table>
<thead>
<tr>
<th>Key indicators</th>
<th>2009</th>
<th>2013</th>
<th>2015</th>
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<tbody>
<tr>
<td>Total output of marine industry (100 million Yuan)</td>
<td>3002</td>
<td>5200</td>
<td>7000</td>
</tr>
<tr>
<td>Percentage of marine industry output in the regional GDP (%)</td>
<td>12</td>
<td>14.5</td>
<td>16</td>
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<tr>
<td>Percentage of marine industry output in national marine economy (%)</td>
<td>9</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>Emerging marine industry’s percentage in the whole marine economy (%)</td>
<td>26</td>
<td>28</td>
<td>30</td>
</tr>
<tr>
<td>Cargo throughput in coastal ports (crude oil and refined oil, iron ore, coal, grain) (100 million tons)</td>
<td>7.1</td>
<td>8.4</td>
<td>9.2</td>
</tr>
<tr>
<td>Container throughput (million TEUs)</td>
<td>1118</td>
<td>1500</td>
<td>1750</td>
</tr>
<tr>
<td>Marine research funding accounts for the proportion of GDP (%)</td>
<td>1.9</td>
<td>2.3</td>
<td>2.5</td>
</tr>
<tr>
<td>Contribution rate of science and technology</td>
<td>59</td>
<td>65</td>
<td>70</td>
</tr>
<tr>
<td>Clean sea area</td>
<td>10</td>
<td>12</td>
<td>15</td>
</tr>
</tbody>
</table>

Note: The figures of 2009 are the actual value, while those of 2013 and 2015 are predicted data based on data of 2009.
Supporting the development of marine industries
  Marine equipment manufacturing, clean energy industry, marine bio-pharmaceutical industry, sea water exploitation sector, marine exploration and development industry

Fostering the development of marine services
  The financial sector related to the sea, coastal tourism, shipping services, business services related to the sea, marine information and technology services

developing advantageous port-vicinity manufacturing industry
Shipbuilding industry and other advanced manufacturing industry

Uplifting modern marine fishery
  Marine fishing and mariculture, deep processing and trade of aquatic products
海上风电
Asia's first tide power station

The bright moon over the sea lighthouse
The world's top 40 shipbuilding companies—
Jinhai Heavy Industry
Coastal tourism
“Trinity" shipping and logistics service system

Construct a commodity trading platform
Petrochemical trading platform, ore trading platform, coal trading platform, food and agricultural produce trading platform, building material trading platform, industrial raw material trading platform, ship trading platform

Improve land and sea transportation network
To increase the port capacity, expand the four major collection and distribution channels, increase the construction of eight logistics parks, selectively develop port-vicinity manufacturing industry.

Strengthen financial support and information service
Financial service: the establishment of the port industry investment funds, to support commercial banks in favor of the development of marine economy, to set up investment companies concerning port and shipping
Financial products: shipping insurance products, direct financing products, indirect financing products
Information service: data exchange platform, public service data platform
“Trinity" shipping and logistics service system

Focusing on creating the "trinity" shipping and logistics service system - oil, coal, grain, iron ore and other bulk material as the core of international logistics
Zhoushan Islands New Area construction

1 the region and features

2 the development objectives

3 the construction of international logistics islands

4 layout of “The 12th Five-Year Plan”
The fast development of Yangtze River Delta

The development of the Bohai Sea

Western economy springs up

The fast development of Yangtze River Delta
ZHOUSHAN

Distinct advantages

- the unique marine tourism resources and location advantages
- China’s unique Prefecture-level Islands city and Fourth Island

Land area: 1440 km²
Sea area: 20,800 km²
Main Island area: 502.6 km²
Household population: 970,000
Zhoushan Islands, China’s unique prefecture-level islands city, whose space is relatively independent and convenient for closed management, is conducive to the implementation of an open-door policy. It is advantageous for the opening up and management.
The city's total coastline: 2,444 km
54 deep-water coastline: 279.4 km
coastline with water depth greater than 15 m: 198.3 km
coastline with water depth greater than 20 m: 107.9 km
Zhoushan Islands New Area construction

objectives

an important international hub of Asia-Pacific region

a significant national strategic reserve base

a crucial national bulk commodity logistics base

a major national commodity trading base
Zhoushan Islands New Area construction: construction of an international logistics Island

To the end of "The 12th Five-Year Plan" (2015), cargo handling capacity of the port will reach 400 million tons, shipping capacity 6 million tons, 60 berths of 10,000 tonnage-class; a number of leading shipping logistics enterprises will be cultivated; the bulk commodity trading platform will be improved and a number of specialized logistics parks will be built. The framework for the development of modern logistics will also be finished on the basis of port logistics, thus logistics and value-added share of GDP will reach 13%. By 2020, the basic completion of modern logistics will feature by port logistics, and the added-value of logistics will take 15% of GDP.
Southern part: Most shorelines have been or are being developed. It has reached the size of a core port area of Zoushan.
Northern part: A pattern as the Chinese character "Chuan" is constituted; except for a few ports, it is still in the undeveloped state and can be the focus of deep-water port development in the future.
Those having been initially completed. Aoshan Island Oil Products Base, Cezi Island Crude Oil Base, Majishan Island Ore Base, Xiaoyangshan Island Container Base, Jintang Island Container Base, Laotangshan Grain Base of Zhoushan Island.
In construction:
Waidiao Island Oil Products Base, Liangtan Island Ore Base, Shulanghu Ore Base, Dongbailian Island Coal Base, Huangzeshan Island Energy and Bulk Base, Zhoushan Island Ma’ao Transit Base for Chemicals.
Those can be built in Zhoushan in the future.

**Yangshan Island**: focusing on the development of international container logistics with bonded functions and the supporting value-added services, taking into account the development of oil-based commodity logistics.

**The two large islands**: Qushan and Longchangtu, can develop logistic functions of oil products, iron ore, coal and other bulk commodities, which are based on “transit by sea”, taking into account the development of break-bulk cargo logistics.

**In northern Zhoushan Island**: the following programs can be developed: aquaculture, ship fittings, marine engineering and hi-tech bulk processing, and logistics, providing industrial services for the port. Buddhaoshima island in Liuheng - The key areas for the development of port and port construction industry in the future. It can focus on the development of commodities and container logistics functions for oil, iron ore and coal

**Jintang Island**: the original plan focuses on the development of international container storage and transportation, transfer, and value-added processing services. By appropriate adjustments to the original plan, some bulk cargo logistics can be developed.
The Construction of Zhoushan Islands New Zone

The spatial layout during the period of "12th five-year planning"

Build the overall layout featured by "One Body, Two Wings, Three Circles, Many Islands,"
"One Body" refers to the main body for development and opening up consisting of Zhoushan Island and those islands connected by the transoceanic bridge including Jintang, Cezi, Zhujiayan, Changzhi, Aoshan. A spatial layout of “one city, three bands” will be built, which consists of China (Zhoushan) Marine Science City as the center, Southern City Development Zone, Central Mountain Ranges such as Huangyangjian Ecological Protection Zone, and Northern Port Industrial Zone.
"Two Wings" includes the north wing with Xiushan, Daishan, Changtu, Qushan, Sijiao, and Yangshan islands and the south wing with Dengbu, Tiaohua, Xiazhi, Liuheng. The two wings are to be connected with "One Body" to form a New Offshore Development Band in Yangtze River Delta region which is "North to Shanghai, West to Ningbo".
“Three circles” refers to the spatial pattern with China (Zhoushan) Marine Science City as the core circle, Dinghai and Putuo as the main island circle, other islands as outer island circle.

“Those Islands” refer to building islands with special functions such as port logistics islands, port industrial islands, marine tourism islands, modern fishery islands, science and education islands, ecological protection islands.
Thank you