Port Economic Development in China

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Background

Tremendous Development of Chinese Economy

<table>
<thead>
<tr>
<th>Year</th>
<th>GDP</th>
<th>Foreign Trade Value</th>
<th>Degree of Dependence on Foreign Trade</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>1324.81</td>
<td>509.73</td>
<td>38.5%</td>
</tr>
<tr>
<td>2012</td>
<td>8227.10</td>
<td>3867.98</td>
<td>47.0%</td>
</tr>
</tbody>
</table>
Tremendous Development of Chinese Ports (Year of 2012)

- Chinese ports have 31862 dock berths for production, of which 1886 berths are above 10,000 tons level.

- The national cargo handling capacities are 10.776 billion tons, of which 6.88 billion tons are from coastal ports.

- The national container handling capacities are 177.47 million TEUs, among which 157.97 million TEUs are completed in coastal ports.

- Chinese port throughputs have remained Top 1 in the world for the past 9 consecutive years. 6 of Top 10 world ports by throughputs are in China.
Background

Layout of Chinese Ports

- Bohai Rim Region
- Yangtze River Delta Region
- Southeast Coastal Region
- Pearl River Delta Region
Status of Chinese Ports

1 Port Infrastructure


The volume of throughput is continuously growing.
The growth is slowing down.
Status of Chinese Ports

2 Port Throughput

Cargo Throughput of Chinese Coastal and River Ports (2001-2012)(million ton)

Container Throughput of Chinese Ports (2001-2012)(million TEU)
3 Port Impacts

- With the location advantage of ports, developing the harbor industry and modern logistics.

- Developing bonded zones, logistics parks, tariff-free zones and high-tech industrial parks based on ports.

- Among all China National Economic and Technical Development Zones, 47 are in eastern port regional areas. Their proportion of gross regional domestic product, the added value of tertiary industry and the share of using foreign investment account for 72%, 76% and 77%, respectively.
1 Global Economy

Growth Trend of Foreign Trade Value and GDP (2001-2012)

Throughput of Foreign Trade and Foreign Trade Value

$y = 1.4195x - 494.6$

$R^2 = 0.9815$
Cargo handling capacity has a very significant influence on Chinese foreign trade.
2 Chinese Economy

The constant Growths of Economy and Foreign Trade Stimulate the Development of Chinese ports.

The rapid development of economy causes huge demand for transportation of goods, which increases the supply of port cargos, represented by a fast growth of port throughput.
An increase of 1 ton of cargo handling capacity brings about 831.19 USD in GDP.

The development of domestic economy has formed an interactive virtuous cycle with the development of ports.
2 Chinese Economy

Port is playing a key role in the transportation of national strategic resources, such as Coal, Oil, Mine and Food etc.
Reasons for Chinese Port Development

3 Implementing Right Policies and Measures

- Encourage Foreign Capitals to invest in Port Business.
- Establish new Platforms for Developing of China’s Ports
- Encourage Port Investment and diversified Businesses.
- Balance Development of Chinese Ports

4 Innovative Technologies

- Training Port Professionals
- Deepwater Port Construction Technology
- Modernize Container Transport Operations
- Information Technology
- Loading and unloading Technology
5 Strategies of Chinese Ports

The continuous renewed Development Strategies Dictate the Direction for Chinese Port Development.

Therefore, Chinese ports have developed a win-win relationship with regional economies and related industries.
Future Chinese Port Development

1. Develop the diversified Collecting and Dispatching System, strengthen the Combination of Port and Comprehensive Transportation System.

2. Develop multiple Types of Economic Parks, strengthen the Combination of Ports and Modern Logistics.

3. Port Information Construction

4. Port Safety Development

5. Green Port Development
Thank you!