

## Workshop 3.3: Blue Economy Development: Where are we now? Where are we headed?



THE EAST ASIAN SEAS CONGRESS 2015

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# Development of Ocean Economy in China

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# 1. Overview



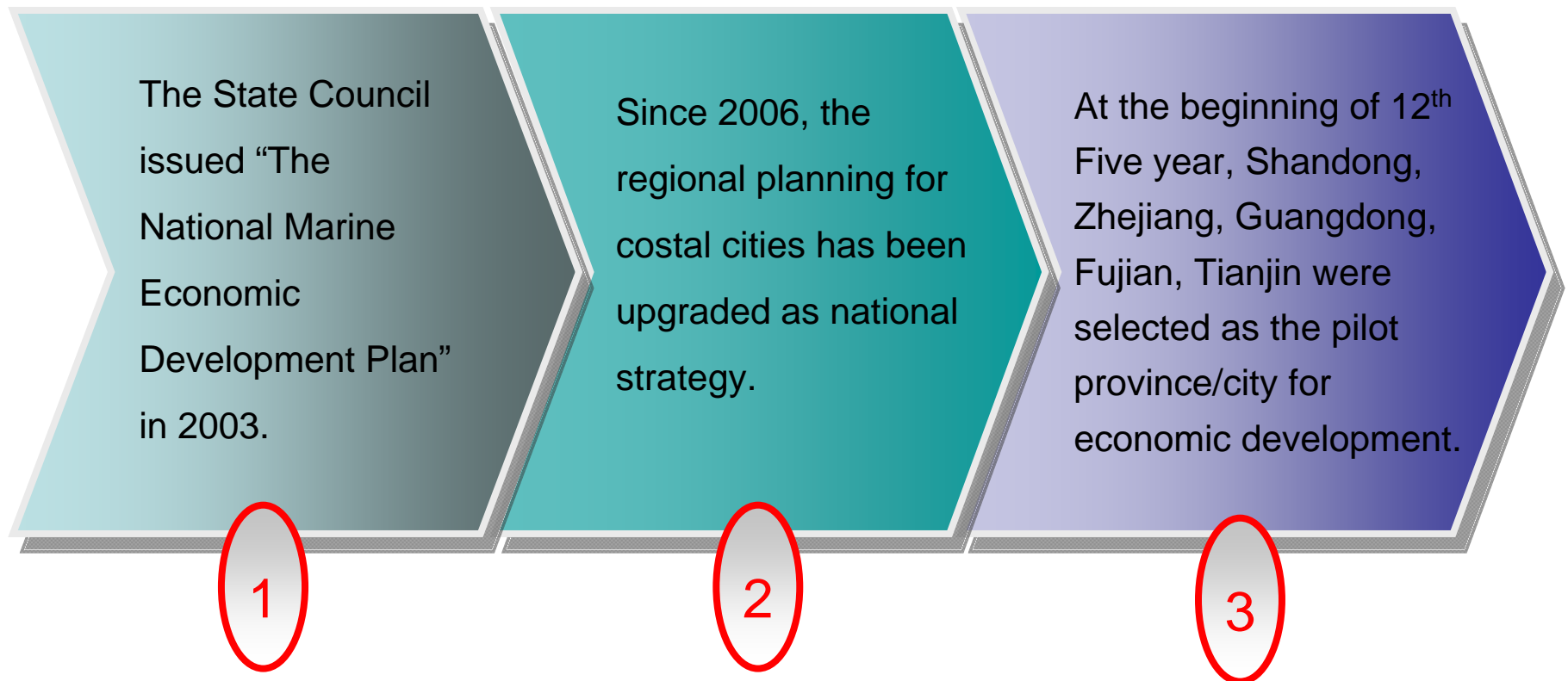
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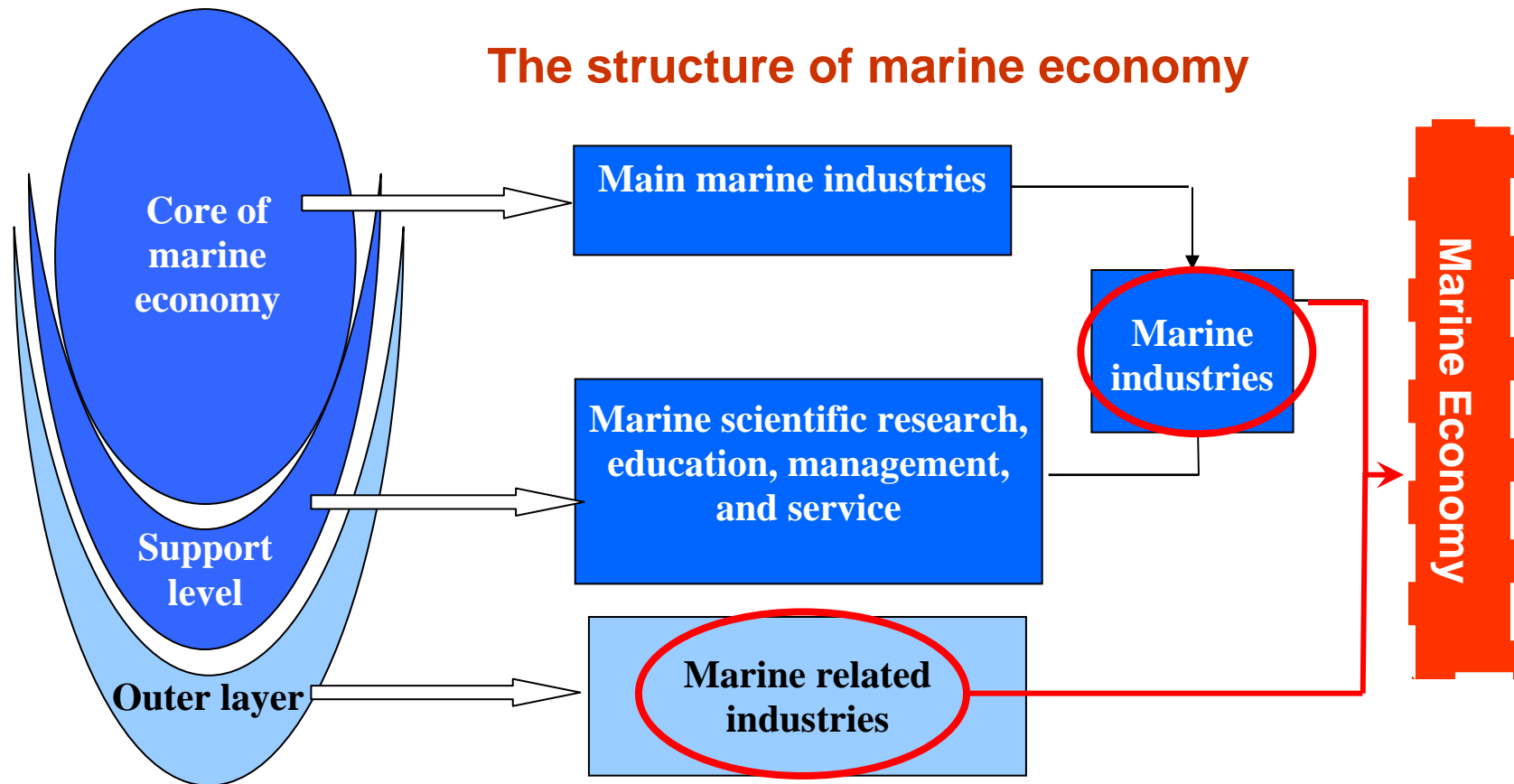
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The government of China has been endeavoring to strengthen macro guidance and coordination of the marine economy.



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**The definition of marine economy in China:** the summation of various industries that develop, utilize, and protect the ocean, and the activities related to them.



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<b>Main marine industries</b>	<b>Annual output (billion Yuan)</b>	<b>Growth from previous year (%)</b>
Marine fishery	429.3	6.4
Offshore oil and gas	153.0	5.9
Mining	5.3	13.0
Salt	6.3	-0.4
Chemicals	91.1	11.9
Bio-medicals	25.8	12.15
Electric powers	9.9	8.5
Seawater utilization	1.4	12.2
Ship building	138.7	7.6
Engineering and construction	210.3	9.5
Transportation	556.2	6.9
Coastal tourism	888.2	12.1

## Sustained and rapid growth of the total marine economy

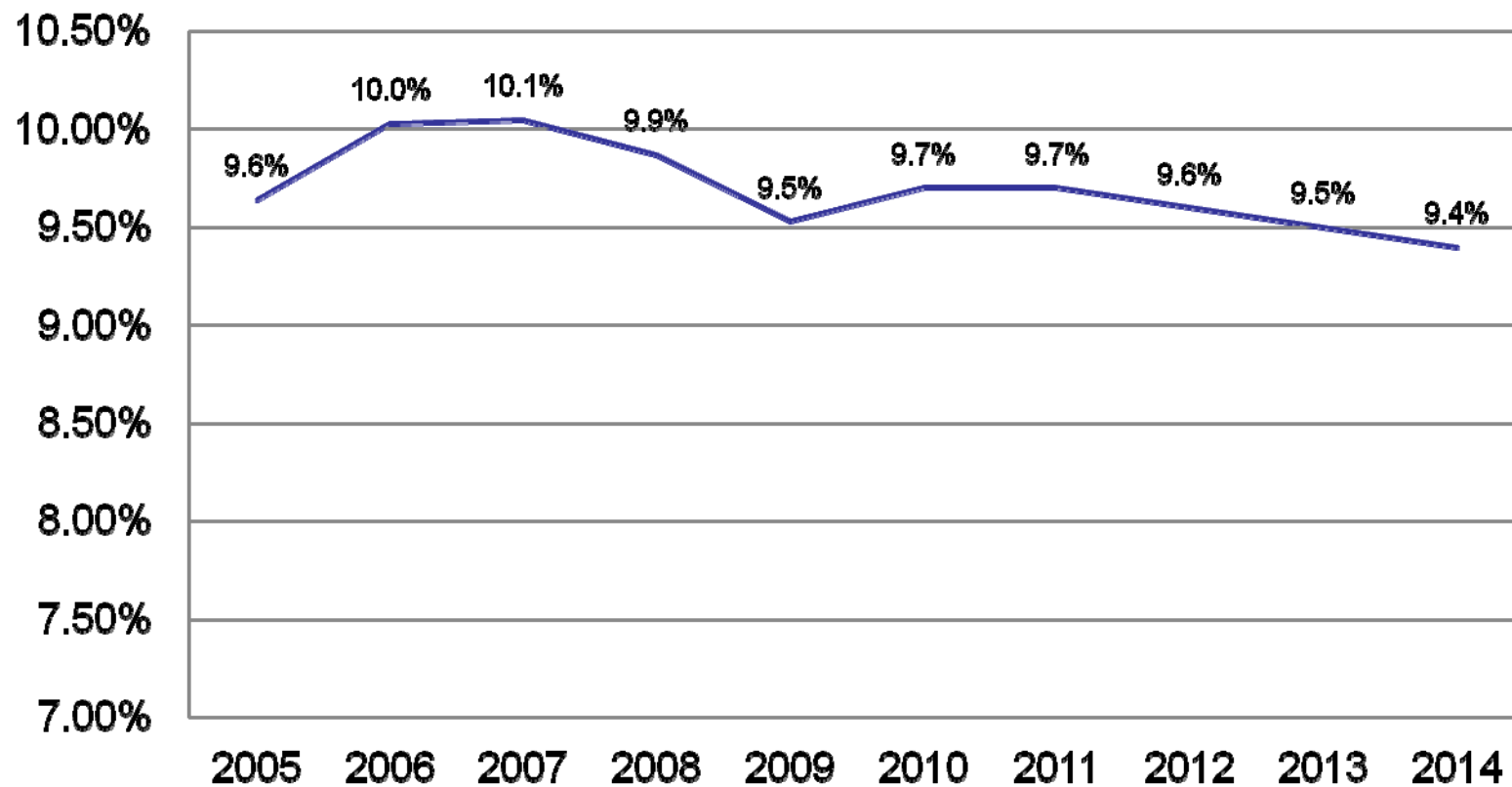
- During the period of 2006-2010, the average annual marine economic growth is 13.5%
- Marine GDP in 2010 up to nearly 4 trillion Yuan, and in 2014 the total GOP up to 6 trillion Yuan
- The proportions of GOP in National GDP was 9.9% in 2010, and 9.4% in 2014
- Sea-related employment in 2010 was about 33.5 millions and in 2014 up to 35.5 millions



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# Steady Growth for Years

Proportion of Gross Ocean Product (2005-2014)



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# 2. New Trends



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## Turning to quality-efficiency pattern

- Promoting innovative development of regional marine economy
- Promoting rapid development of emerging marine industries, such as marine engineering and installation, bio-technology, renewable energy, etc.
- Promoting economic development driven by marine science and technology
- Promoting connection of marine economy with financials and insurance

## New districts development



- Development of new district on Zhoushan Islands
- Development of new district in southern Guangzhou
- Development of new district on West coast of Qingdao

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# 3. New Policy



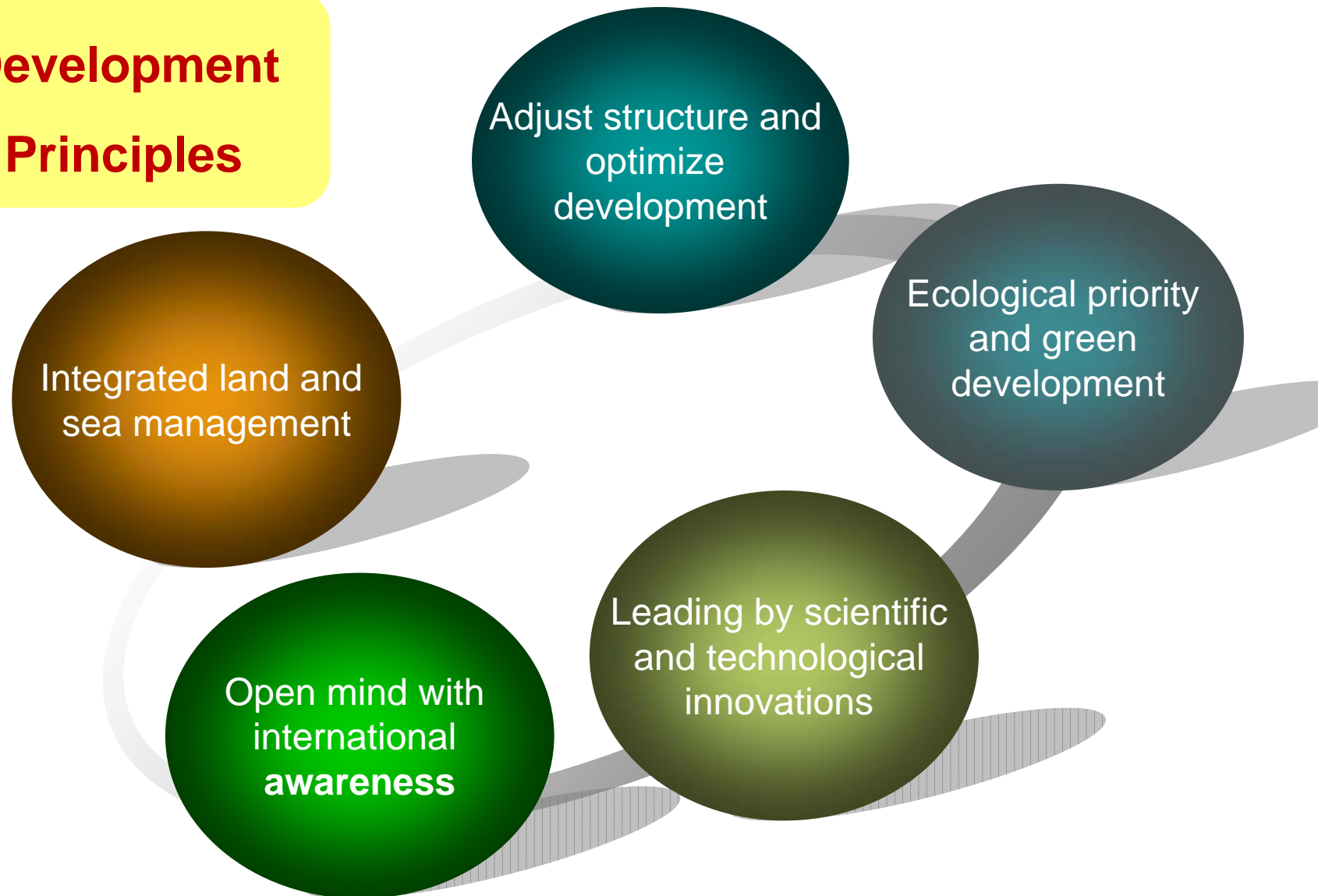
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### Development Principles



# Gradually perfecting the marine industry policy

- Policy for development of coastal tourism
- Policy for marine bio-technology industry
- Policy for marine fishery
- Policy for marine transportation
- Policy for marine engineering and construction
- Policy for marine energy industry
- Policy for marine production-related services
- Policy for S&T service industry



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# Development and environmental pressure

### Marine environmental situation is still severe.

- Pollution pressure from land is huge,
- Offshore marine pollution is serious.

### Offshore environmental problem is serious.

- Coastal wetland area decreased by 57% in the past 60 years.
- Mangrove forest and coral reef decreased 73% and 80%, respectively.





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# Strengthening the protection and restoration of the marine environment

- Policies: "*Marine Environmental Protection Law*", "*Island Protection Act*" and "*National Island Protection Plan*";
- Establishment of the total pollutant discharge control system;
- Comprehensive environmental improvement projects at the key areas of Bohai, the Yangtze River Estuary and the Pearl River Estuary;
- Focus on marine ecosystems, such as mangroves, seagrass beds, coral reefs, coastal wetland, etc.; and the typical marine areas for the breeding and conservation of rare and endangered species.



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### In conclusion

- The development of marine economy in China is relatively rapid and of great contribution to socio-economy, not only in China but also to the global, involving the role on B&R construction and Blue Economy.
- China is adjusting the structure of marine economy and promoting sustainable and innovative marine economy.
- Marine economy in China is playing an important role for entering the New-normal of Economy.

Major references:

Statistical Bulletins of Marine Economy in China, SOA  
China Ocean Development 2015, China Ocean Press



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**Thank you for your  
attention**



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