

Regional Capacity Building Workshop on NBSAP for South Southeast and East Asia

Eco-Compensation in China

Experience and Approaches

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DEFINITION

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PES = EC

Definition

EC purpose :

protect the ecological system function;

Promote the harmonious relationship between human beings and nature;

EC basis:

Ecosystem service value;

Eco-conservation cost;

Opportunity costs;

EC means:

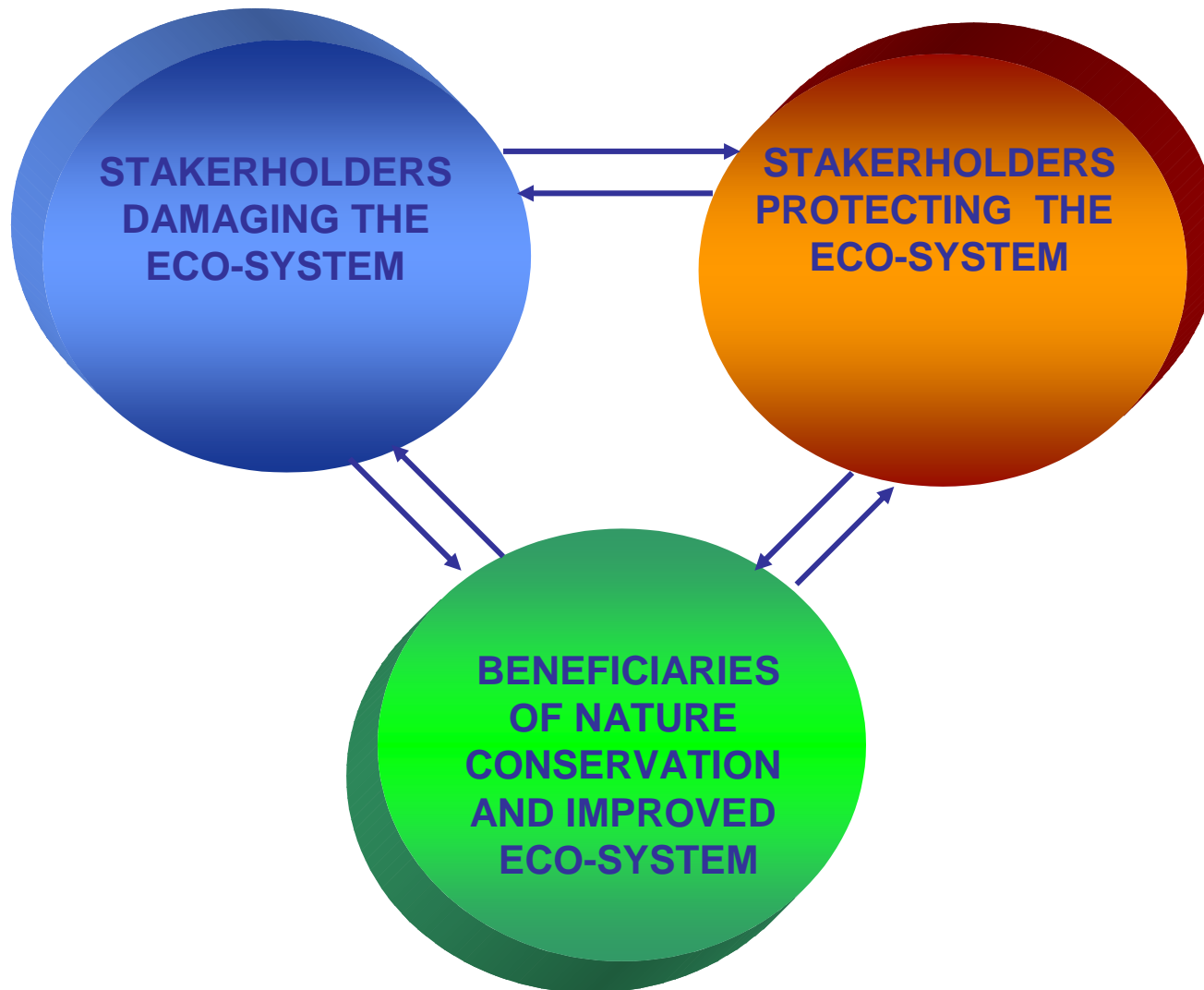
Regulates the relation of ecological protector, beneficiary and destroyer with the means of finance, taxation and market.

Connotation

- The most direct method is “**Equivalent Compensation for Occupancy**” of the natural resource;
- **Constrain** the destruction of ecological environment;
- To make **compensation** for the abandonment of development **opportunities**
- To make **compensation** for the **additional input** by individuals or regions for the protection of specific ecological environment;
- To make protective **input compensation** for regions or natural ecological components with significant ecological value.

STAKERHOLDERS

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EC POLICY MEANS

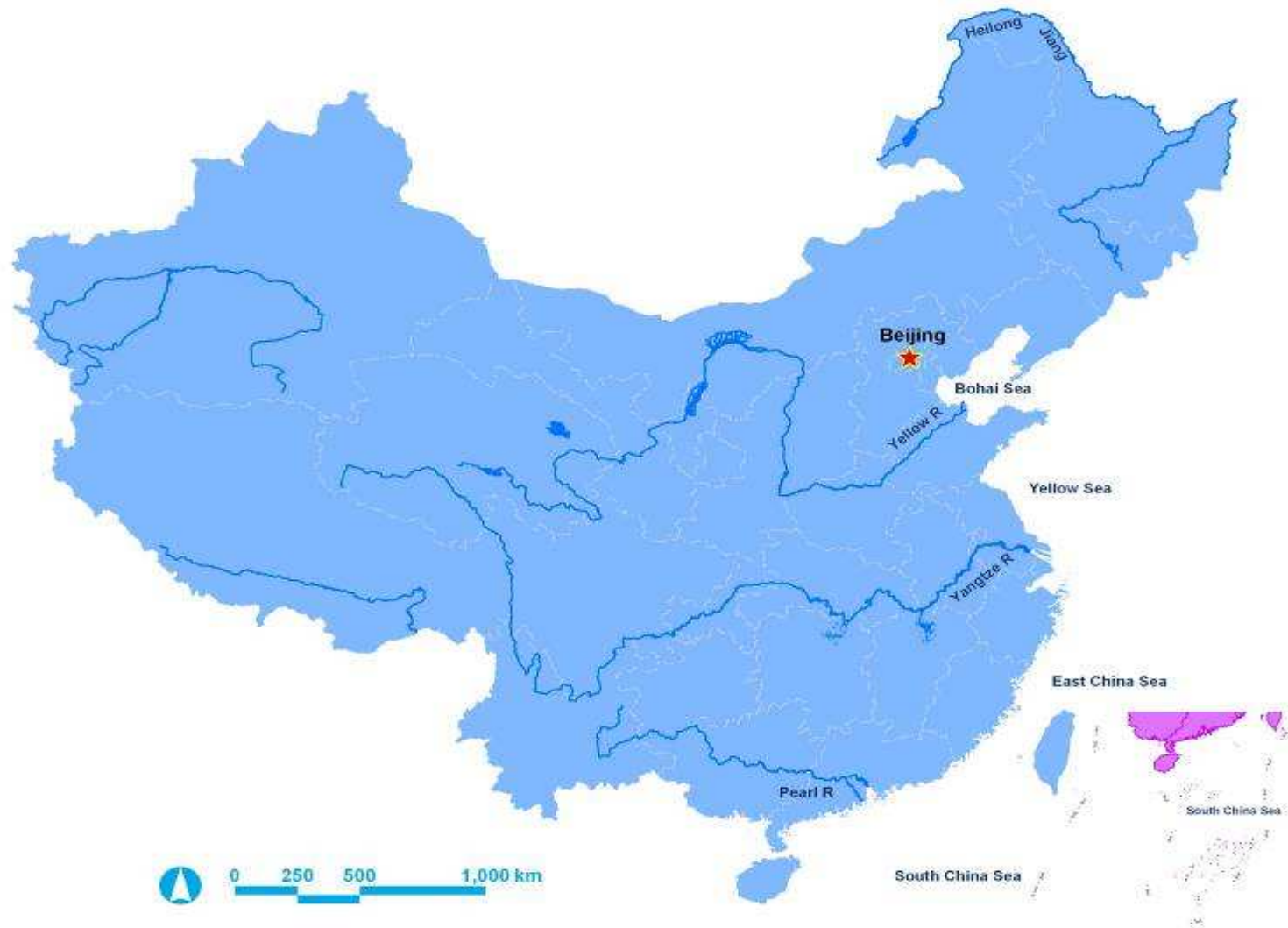
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Governmental guidance:

*Direct legal regulation to internalize ecological costs;
Government funds and subsidies: Special project funds,
financial subsidies;*

Market-based compensation:

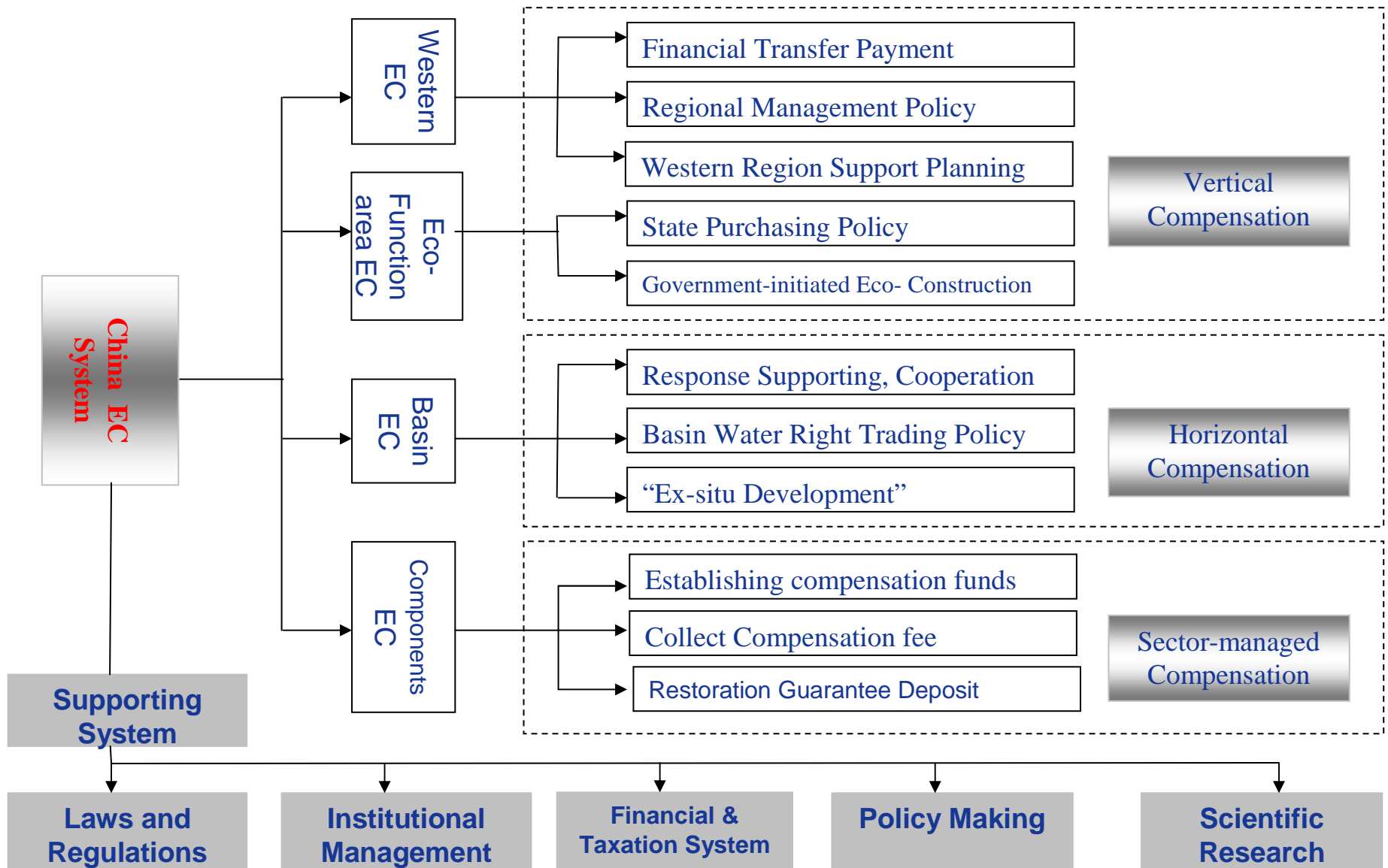
*Ecological compensation charging;
Guarantee deposit of ecological restoration or recovery;
Ecological service payment;*



Zhejiang Province, Fujian Province, Jiangxi Province, Guangdong Province and some Other practices-----”down to up” policy making

EC SYSTEM IN CHINA

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EC PILOT WORK IN CHINA

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Nature Reserve EC Mechanism

Key Ecological Function Reserves EC Mechanism

River/Lake Basin EC Mechanism

Mineral Resources EC Mechanism

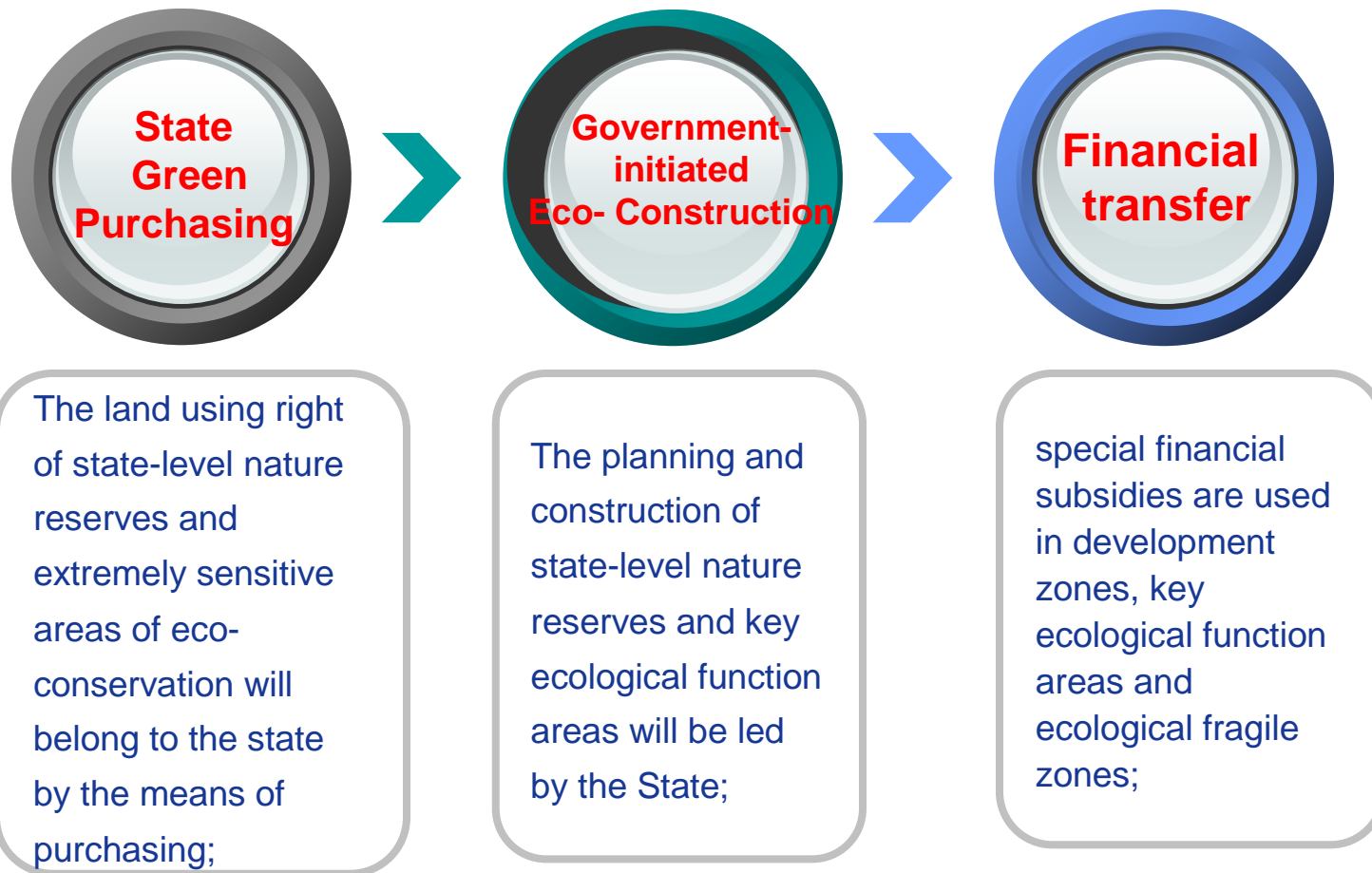
Pilot / Focused Fields

Opinions on guiding the pilot work of ecological compensation

(SEPA,2007)

Compensation of Key Ecological Function Reserves

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Ecological Compensation of River/Lake Basin

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Compensation modes:



To choose small-and-medium scale basins or basins involving fewer provinces (or autonomous regions and municipalities) to develop pilot of basin EC;

Ecological Compensation of River/Lake Basin

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key aspects:

1

Compensation evidence

Water resource quantity and quality, acreage of nature reserves, protection areas of water resource and ecological function zones

2

Compensation standard

Opportunity-cost method, protection expenses method
.....

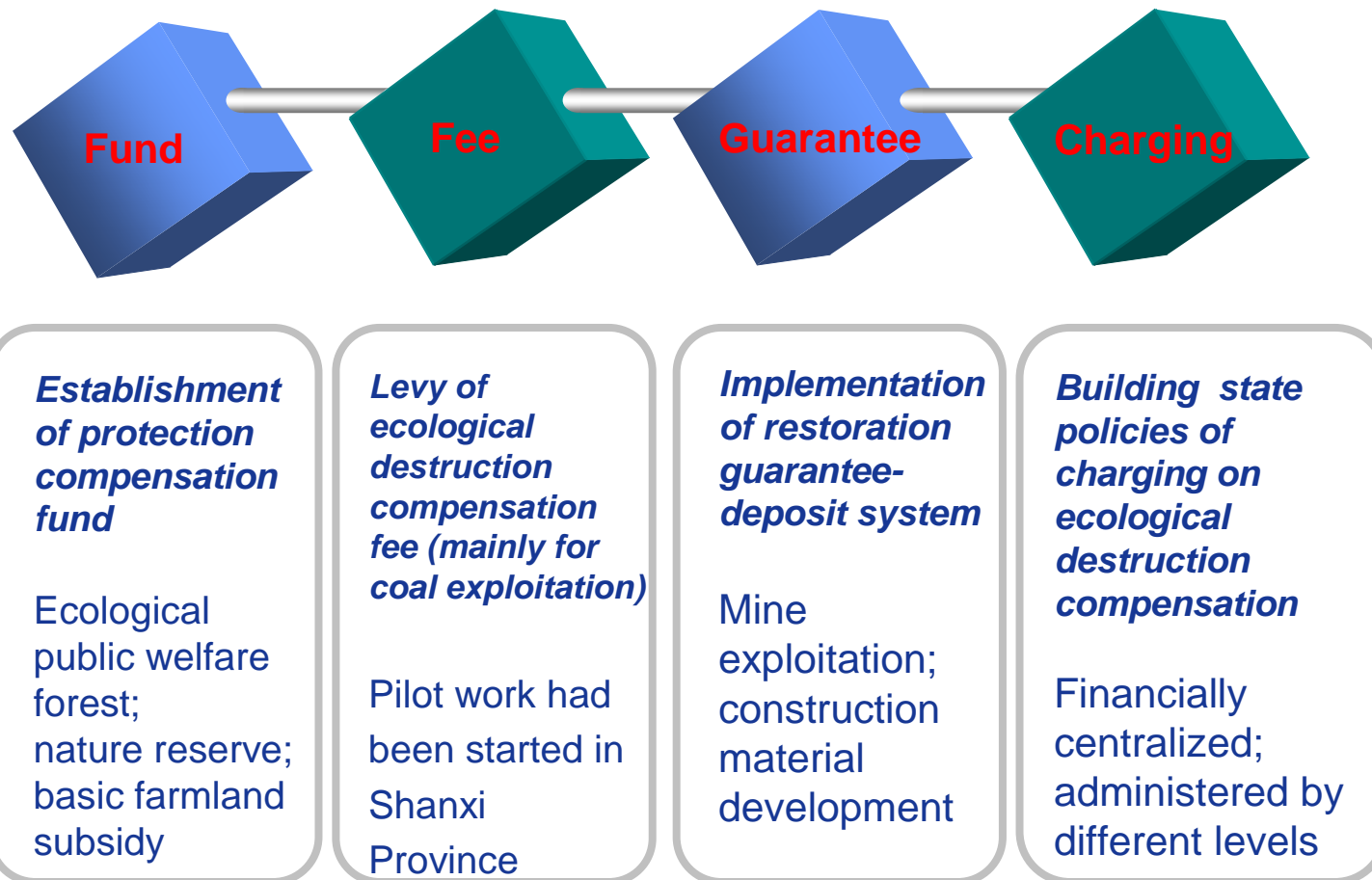
3

compensation platform

- River basin coordination and management institutions
- Nature reserves management mechanism
- Management institutions of ecological function protection areas
- Leading group of ecological province & ecological city construction

Charging policy of ecological compensation

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CONCLUSIONS

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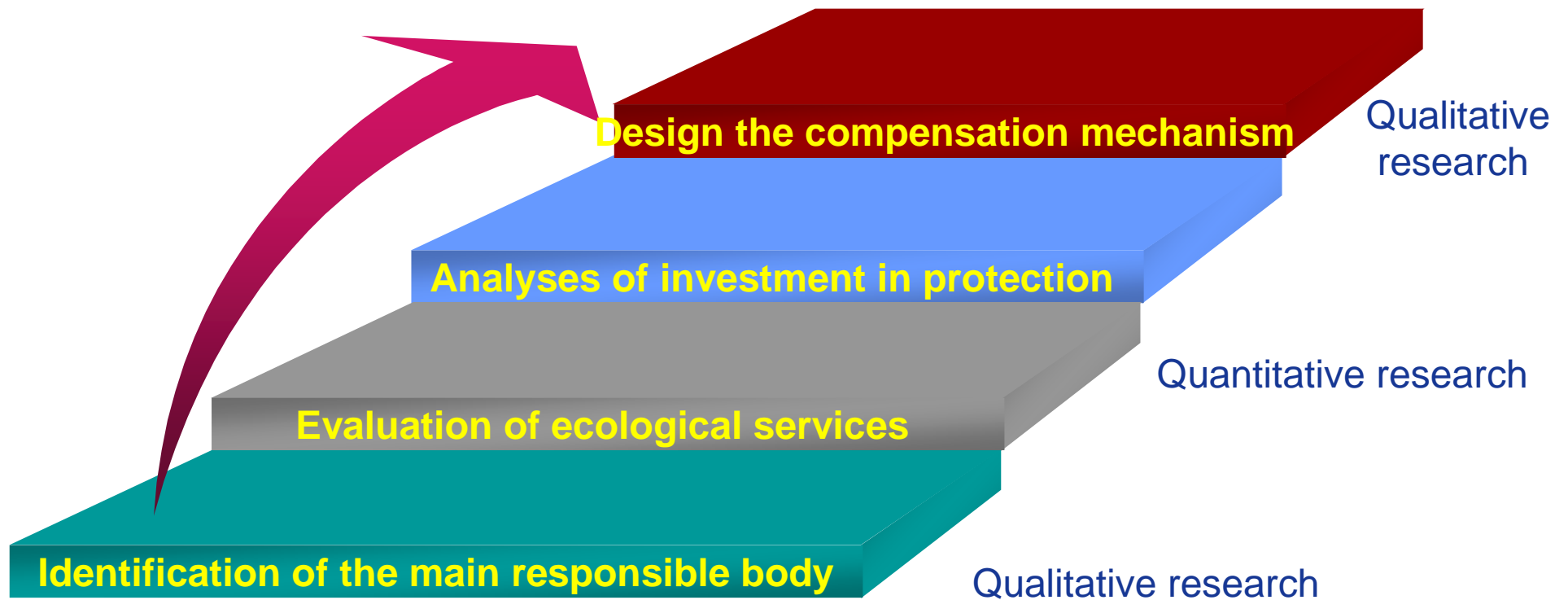
1. EC policies would be effective to improve ecological system function and enhance environmental quality.
2. However, EC policies in China are still in the tentative stage, China has just started the pilot work.
3. There are a lot of key Technical Steps or questions to be solved.
4. We should pay more attention to these technical steps with the pilot work progressing.



CONCLUSION

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Key Technical Steps of EC





Thank You !

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