



# **State and Trends of Shenzhen Carbon Market**

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China Emissions Exchange  
14th IEA-IETA-EPRI Annual Workshop on  
Greenhouse Gas Emission Trading  
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**Performance of Shenzhen ETS**

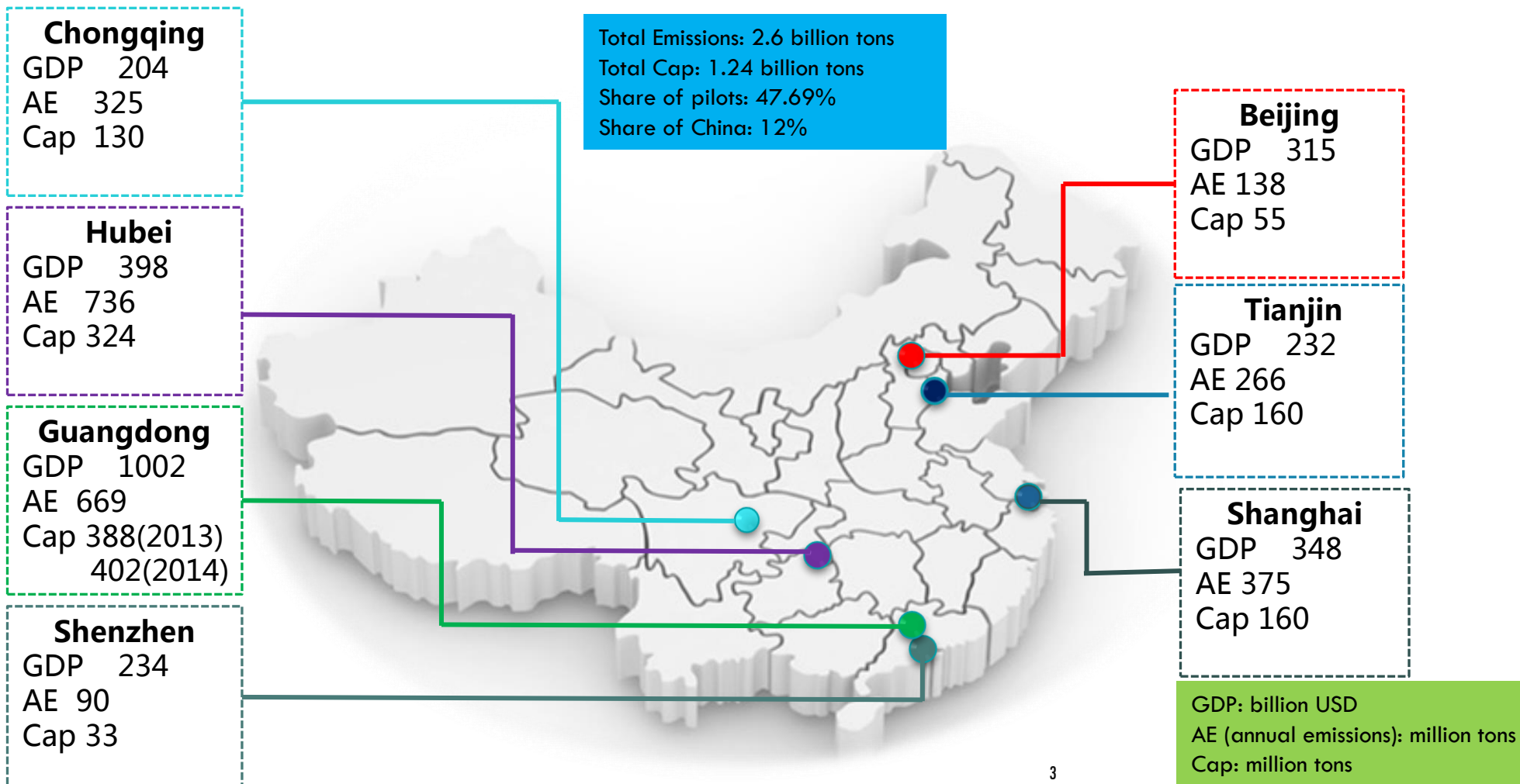
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Innovation of Shenzhen ETS

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Prospect of Shenzhen ETS

# I Performance of Shenzhen ETS



# I Performance of Shenzhen ETS

## Compliance results

July 1<sup>st</sup>, 2014

- 631 of 635 (99.4%) compliance companies fulfilled 2013 compliance obligation
- 99.7% of the compliance allowances were successfully submitted

July 10<sup>th</sup>, 2014

- 4 compliance companies submitted allowances after receiving final notice

# I Performance of Shenzhen ETS

## Reduction Achievements



**Actual emission decrease  
3.83 million ton, a drop of  
11.7%**

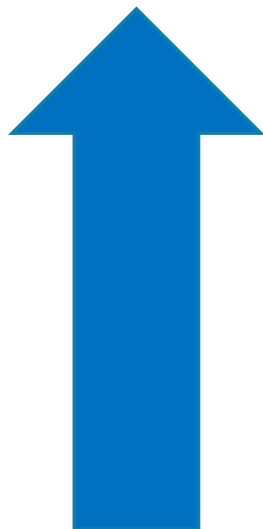
**Carbon intensity of 635  
compliance companies  
decreased by 33.5%**



**Overfulfilled the  
requirements of decreasing  
the carbon intensity by 21%  
in 12th Five Year Plan.**

# I Performance of Shenzhen ETS

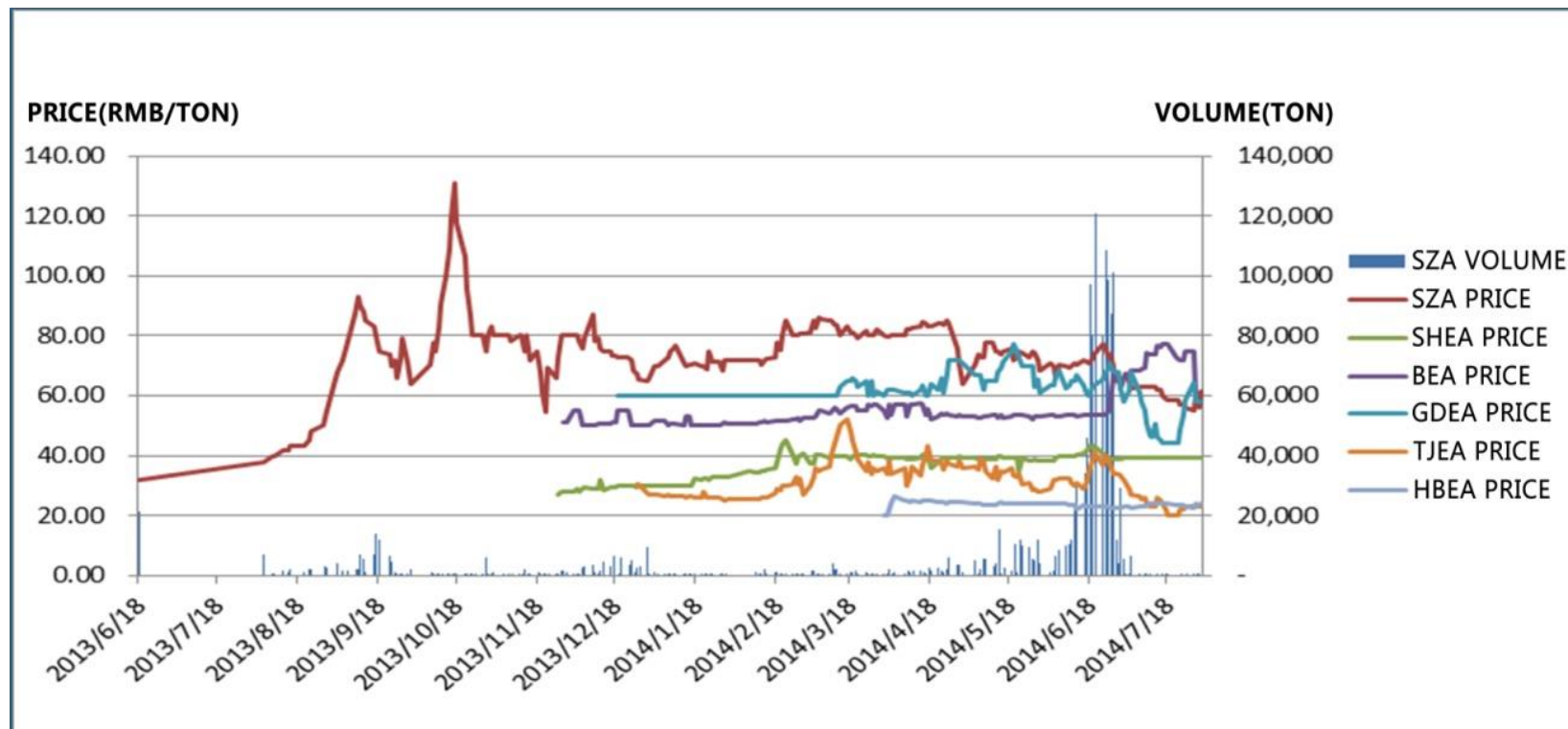
Reduction Achievements



**Industrial added value increase by 105.1 billion yuan, an increase 42.6%**

# I Performance of Shenzhen ETS

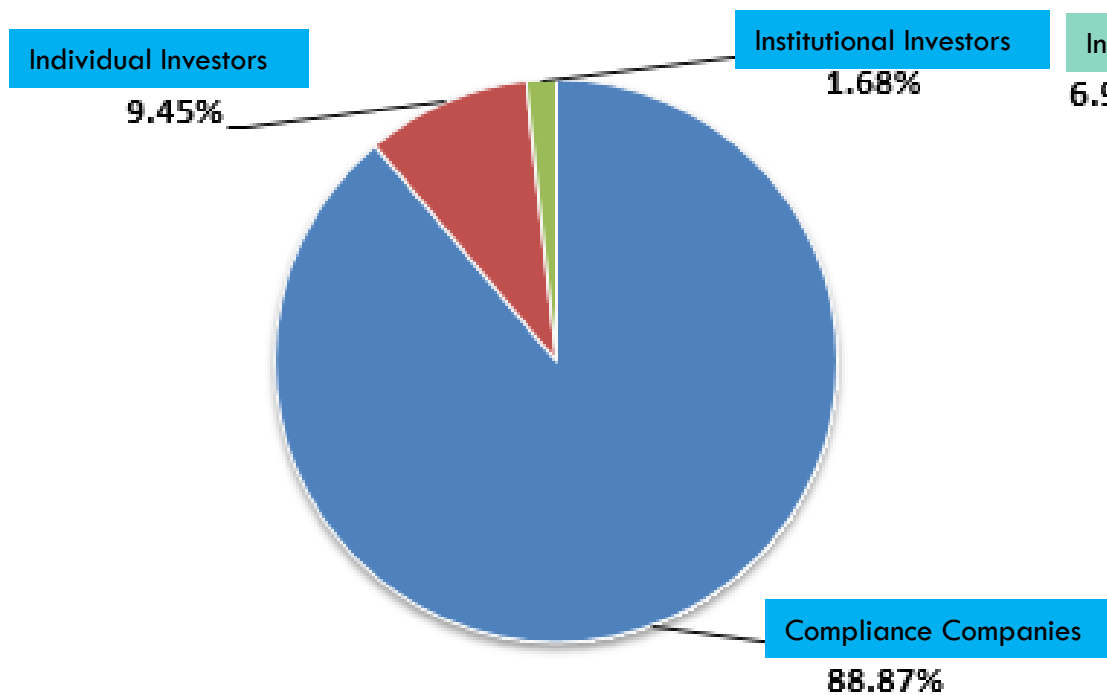
## Volume and price trends



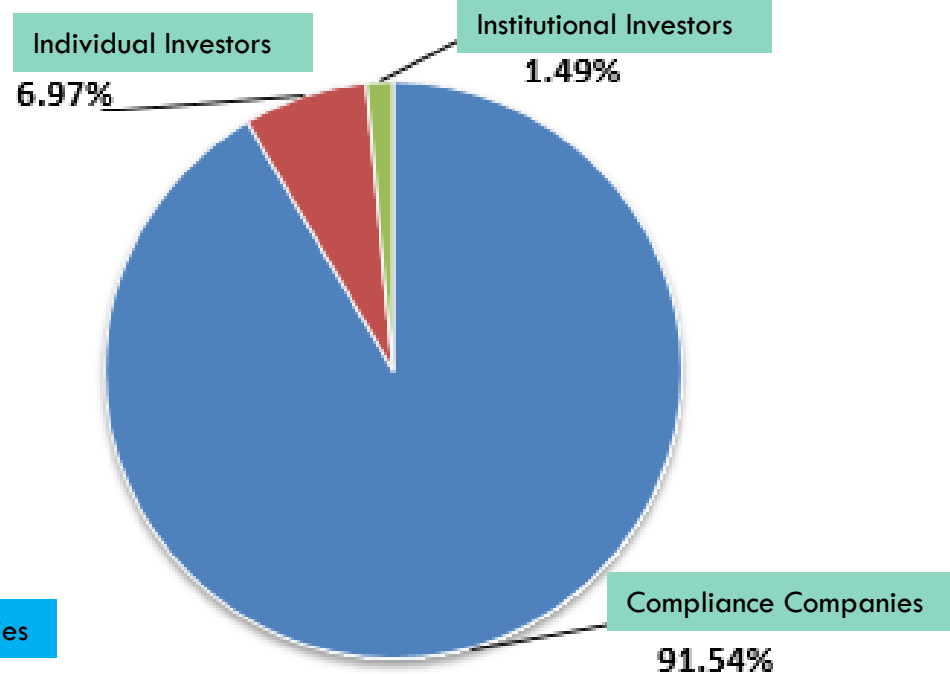
# I Performance of Shenzhen ETS

## Share of tractions

### Share of Purchase



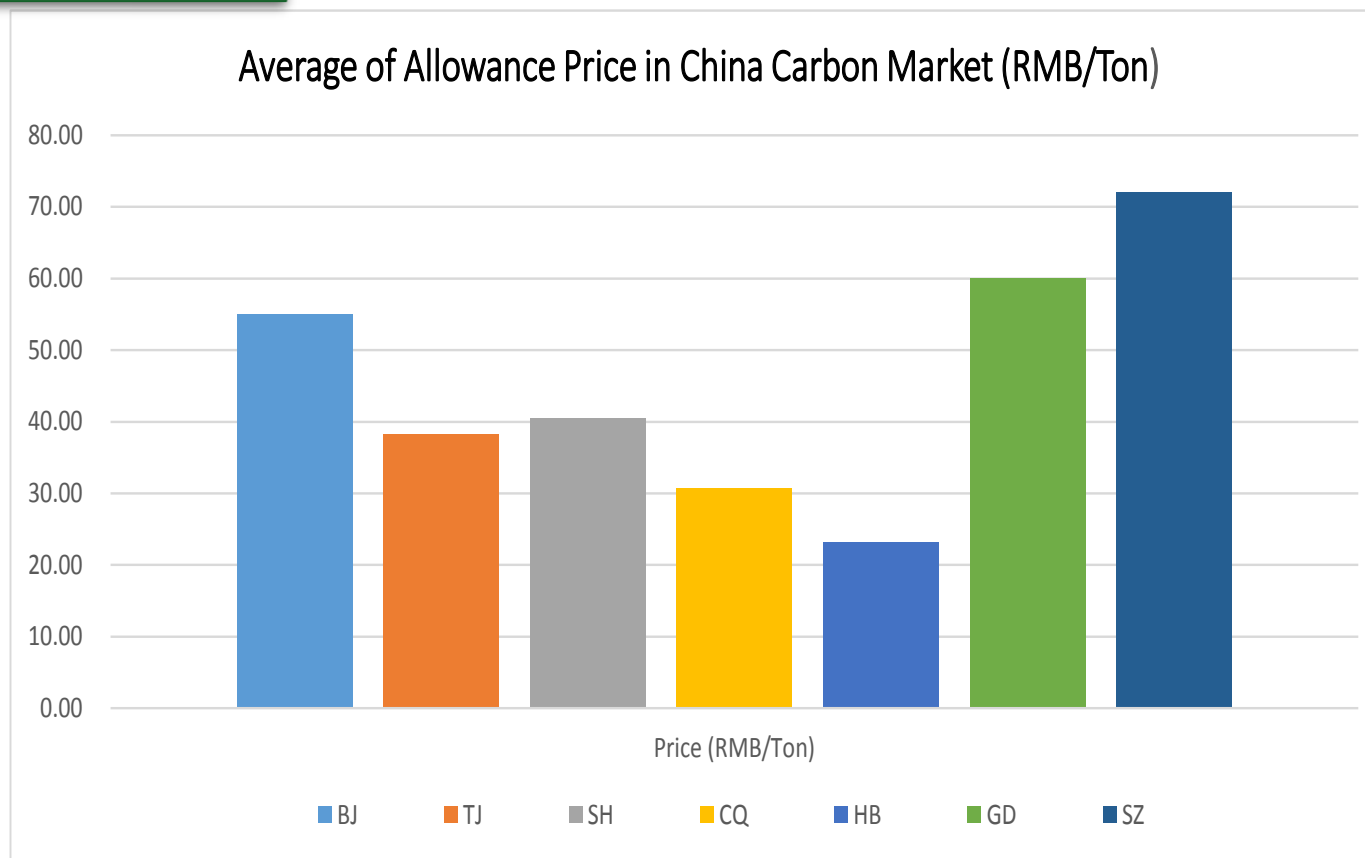
### Share of Sell





# I Performance of Shenzhen ETS

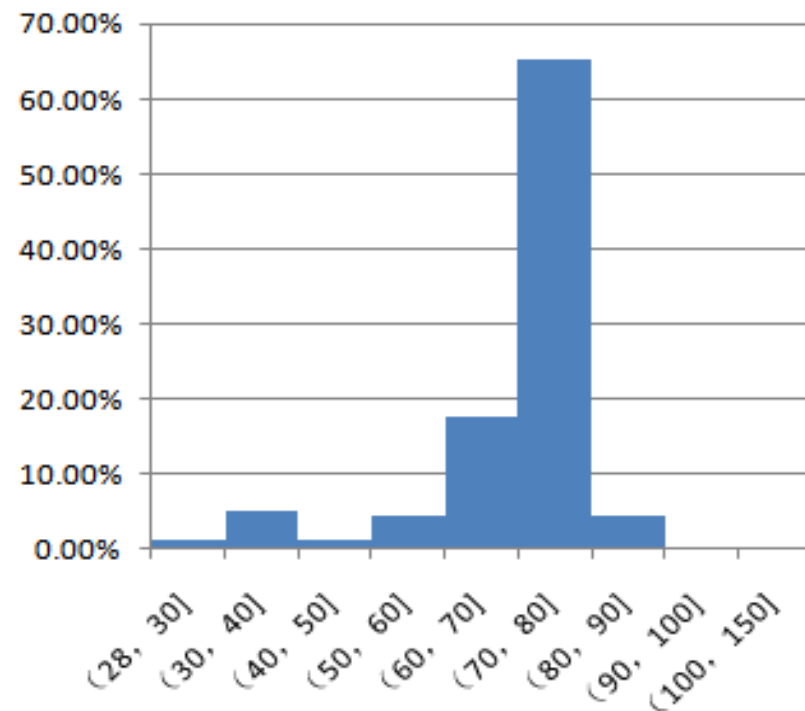
## Average prices



# I Performance of Shenzhen ETS

## Price range and share

Price Range (RMB)	Volume (Ton)	Percentage (%)
( 28 , 30]	21,102	1.34
( 30 , 40]	82,984	5.27
( 40 , 50]	22,500	1.43
( 50 , 60]	69,215	4.40
( 60 , 70]	275,757	17.53
( 70 , 80]	1,025,903	65.21
( 80 , 90]	70,176	4.46
( 90 , 100]	5,141	0.33
( 100 , 150]	522	0.03



来源：深圳排放权交易所

## I Performance of Shenzhen ETS

### Allowance turnover rate

Region	Volume (million tons)	Allowance Cap (million tons)	Percentage
Shenzhen	1.62	30	<b>5.40%</b>
Shanghai	1.56	160	<b>0.98%</b>
Beijing	2	55	<b>3.64%</b>
Tianjin	1.05	160	<b>0.66%</b>
Guangdong	1.2	388	<b>0.31%</b>
Hubei	4.93	324	<b>1.52%</b>
Chongqing	0.145	125	<b>0.12%</b>



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## II Innovation of Shenzhen ETS

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**Carbon Bonds**

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**Allowance  
Pledge**

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**Collaboration  
with IFC**

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**Participation  
of Foreign  
Investors**



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# III Prospect of Shenzhen ETS

## 1 Expand Coverage

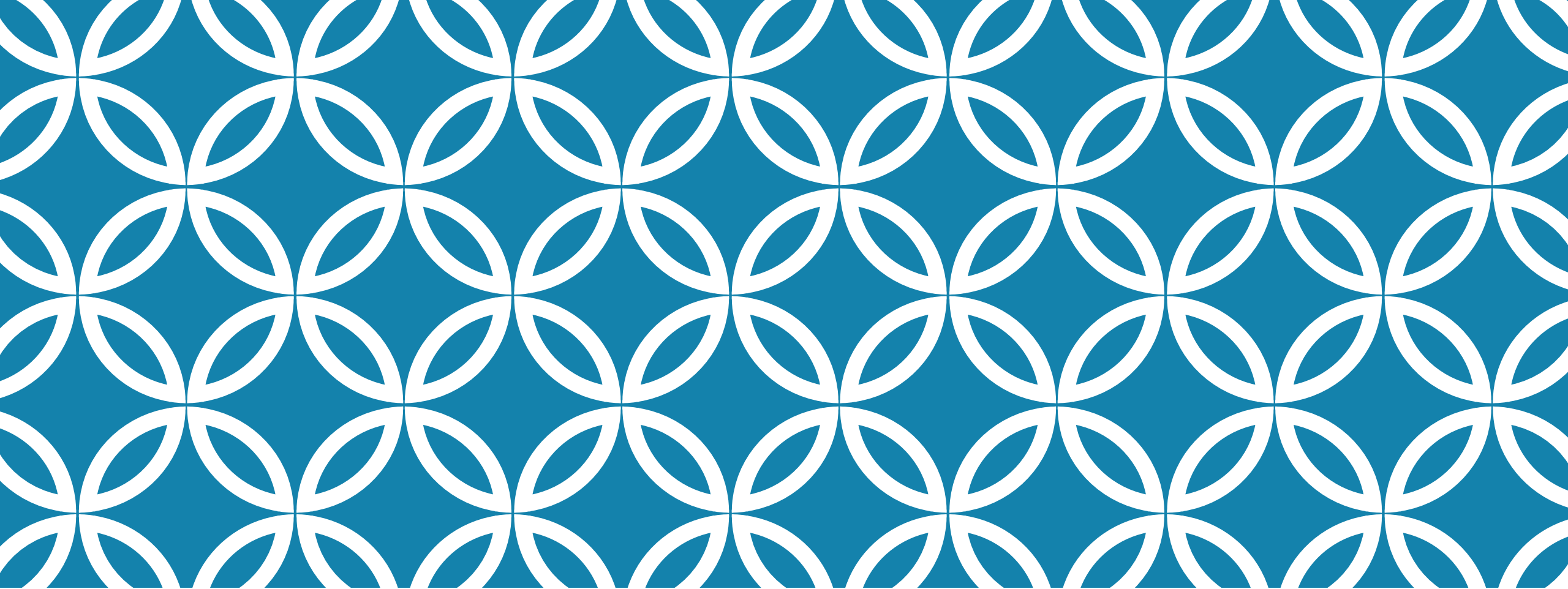
- Cover more industrial companies
- Include public transportation sector

## 2 Allowances Trusteeship

- Encourage compliance companies and carbon assets management companies work together to improve efficiency of allowance management

## 3 Prepare for National Market

- Prepare for the national competition to be the national trading platform



**Thank You!**