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1. Performance of Shenzhen ETS
2. Innovation of Shenzhen ETS
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### Performance of Shenzhen ETS

#### Key Statistics
- **GDP**: 2013
  - **GDP**: $2.34$ billion USD
  - **AE**: 90 million tons
  - **Cap**: 33 million tons

#### Other Major Cities
- **Beijing**
  - **GDP**: $3.15$ billion USD
  - **AE**: 138 million tons
  - **Cap**: 55 million tons

- **Tianjin**
  - **GDP**: $2.32$ billion USD
  - **AE**: 266 million tons
  - **Cap**: 160 million tons

- **Shanghai**
  - **GDP**: $3.48$ billion USD
  - **AE**: 375 million tons
  - **Cap**: 160 million tons

- **Chongqing**
  - **GDP**: $204$ billion USD
  - **AE**: 325 million tons
  - **Cap**: 130 million tons

- **Hubei**
  - **GDP**: $398$ billion USD
  - **AE**: 736 million tons
  - **Cap**: 324 million tons

- **Guangdong**
  - **GDP**: $1002$ billion USD
  - **AE**: 669 million tons
  - **Cap**: 388 (2013), 402 (2014)

### Total Emissions and Capabilities
- **Total Emissions**: 2.6 billion tons
- **Total Cap**: 1.24 billion tons

### Share of Pilots and China
- **Share of Pilots**: 47.69%
- **Share of China**: 12%
I Performance of Shenzhen ETS

Compliance results

July 1\textsuperscript{st}, 2014

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

July 10\textsuperscript{th}, 2014

- 4 compliance companies submitted allowances after receiving final notice
1 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.
1 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

- Individual Investors: 9.45%
- Institutional Investors: 1.68%
- Compliance Companies: 88.87%

Share of Sell

- Individual Investors: 6.97%
- Institutional Investors: 1.49%
- Compliance Companies: 91.54%
I Performance of Shenzhen ETS

Average prices

Average of Allowance Price in China Carbon Market (RMB/Ton)
## I Performance of Shenzhen ETS

### Price range and share

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

Source: Shenzhen ETS
I Performance of Shenzhen ETS

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