Overview of EDB Information and Types of Trade-Related Climate Measures (TrCMs)

Trade and Environment Division
Between 2009 – 2020, there are 4629 notified TrCMs in the EDB

Breakdown by environment-related “objective”*

– Climate Change Mitigation and Adaptation (897)
– Afforestation/reforestation (184)
– Alternative and renewable energy (1551)
– Energy conservation and efficiency (1870)
– Air pollution reduction (839)
– Ozone layer protection (473)

* A notified measure may be tagged to more than one objective
EDB – DATA FROM NOTIFICATIONS

EDB - TrCM Measures by Objective (2009-2020)

EDB - Climate Change Mitigation and Adaptation Measures

- Mitigation Measures Only
- Adaptation Measures Only
- Mitigation and Adaptation Measures

- Afforestation/reforestation
- Air pollution reduction
- Ozone layer protection
- Climate change mitigation and adaptation
- Energy conservation and efficiency
- Alternative and renewable energy

Afforestation/reforestation
Air pollution reduction
Ozone layer protection
Climate change mitigation and adaptation
Energy conservation and efficiency
Alternative and renewable energy
### EDB – DATA FROM NOTIFICATIONS

#### CLIMATE CHANGE – RELATED MEASURES

Types of measures most included in notified climate change-related measures (top 5)

<table>
<thead>
<tr>
<th>Measure</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical regulation or specifications</td>
<td>1344</td>
<td>33%</td>
</tr>
<tr>
<td>Grants and direct payments</td>
<td>1084</td>
<td>26%</td>
</tr>
<tr>
<td>Conformity assessment procedures</td>
<td>533</td>
<td>13%</td>
</tr>
<tr>
<td>Tax concessions</td>
<td>522</td>
<td>13%</td>
</tr>
<tr>
<td>Import licences</td>
<td>339</td>
<td>8%</td>
</tr>
</tbody>
</table>

WTO Agreements with most notified climate change – related measures (top 5)

<table>
<thead>
<tr>
<th>Agreement</th>
<th>Count</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidies and Countervailing Measures</td>
<td>1794</td>
<td>44%</td>
</tr>
<tr>
<td>Technical Barriers to Trade</td>
<td>1412</td>
<td>34%</td>
</tr>
<tr>
<td>Agriculture</td>
<td>335</td>
<td>8%</td>
</tr>
<tr>
<td>Import Licensing Procedures</td>
<td>294</td>
<td>7%</td>
</tr>
<tr>
<td>Quantitative Restrictions</td>
<td>183</td>
<td>4%</td>
</tr>
</tbody>
</table>
### Types of environment-related objectives (25)
- Afforestation/reforestation
- Air pollution reduction
- Alternative and renewable energy
- Animal protection
- Biodiversity and ecosystem
- Chemical, toxic and hazardous substances management
- Climate change mitigation and adaptation
- Energy conservation and efficiency
- Environmental goods and services promotion
- Environmental protection from pests and diseases
- Environmentally friendly consumption
- General environmental protection
- MEAs implementation and compliance
- Natural resources conservation
- Other environmental risks mitigation
- Ozone layer protection
- Plant protection
- Soil management and conservation
- Sustainable agriculture management
- Sustainable and environmentally friendly production
- Sustainable fisheries management (aquaculture)
- Sustainable forestry management
- Sustainable mining management
- Waste management and recycling
- Water management and conservation

### Types of measures (31)
- Anti-dumping measure / Investigation
- Ban/Prohibition
- Conformity assessment procedures
- Countervailing measure / Investigation
- Environmental provisions in trade agreements
- Export licences
- Export quotas
- Export tariffs
- Grants and direct payments
- Import licences
- Import quotas
- Import tariffs
- Income or price support
- Intellectual property measures
- Internal taxes
- Investment measures
- Loans and financing
- Non-monetary support
- Not specified
- Other environmental requirements
- Other measures
- Other price and market based measures
- Other support measures
- Public procurement
- Quarantine requirements
- Regulation affecting movement or transit
- Risk assessment
- Safeguard measure / Investigation
- Services requirements
- Tax concessions
- Technical regulation or specifications

for topic-specific analysis...
### EDB Data Entry Platform - tagging of data in the EDB (type of measures)

**Environmental/Regulatory requirements**
- Ban/Prohibition
- Conformity assessment procedures
- Export licences
- Import licences
- Intellectual property measures
- Other environmental requirements
- Quarantine requirements
- Regulation affecting movement or transit
- Risk assessment
- Technical regulation or specifications

**Price and market based measures**
- Anti-dumping measure / investigation
- Countervailing measure / investigation
- Export quotas
- Export tariffs
- Import quotas
- Import tariffs
- Internal taxes
- Other price and market based measures
- Safeguard measure / investigation

**Support measures**
- Grants and direct payments
- Income or price support
- Loans and financing
- Non-monetary support
- Other support measures
- Public procurement
- Tax concessions

**Other**
- Investment measures
- Other measures
- General environmental reference
- Not specified
# Overview of TrCms

<table>
<thead>
<tr>
<th>Types of policy instruments</th>
<th>Objectives of intervention</th>
<th>Potential trade effects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Climate requirements – condition access to the market</strong> - e.g. Product/production specifications, voluntary/mandatory, characteristics/performance, labelling, quotas, bans</td>
<td>Improve resource use &amp; reduce pollutants, e.g. for energy efficiency</td>
<td>Restrictions to trade? Necessary/balanced/adapted to outcomes sought and particular conditions?</td>
</tr>
<tr>
<td><strong>Price &amp; market mechanisms</strong>, e.g. Environmental taxes, Emission Trading Schemes (ETS)</td>
<td>Internalize env’tal costs, e.g. for environmental pollution or degradation</td>
<td>Impose costs on production/to consumers? Adjustable at the border?</td>
</tr>
<tr>
<td><strong>Support and financial programmes</strong>, e.g. R&amp;D, fiscal, price and investment measures, gov procurement</td>
<td>Promote development &amp; deployment of low-carbon technologies</td>
<td>Introduce market, trade distortions in the economy? Lock-in certain technologies/barriers to incumbents?</td>
</tr>
</tbody>
</table>
IV. NATIONAL POLICIES TO MITIGATE, AND ADAPT TO, CLIMATE CHANGE, AND THEIR TRADE IMPLICATIONS

A. Price and market mechanisms to internalize environmental costs of GHG emissions
   1. Domestic measures
   2. Border measures
   3. Relevant WTO rules

B. Financial mechanisms to promote the development and deployment of climate-friendly goods and technologies
   1. Rationale
   2. Scope
   3. Type of support
   4. Relevant WTO rules

C. Technical requirements to promote the use of climate-friendly goods and technologies
   1. Key characteristics
   2. Key compliance tools
   3. Environmental effectiveness
   4. Relevant WTO rules and work
THANK YOU FOR YOUR ATTENTION!

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