Most Important Trade Agreements

<table>
<thead>
<tr>
<th>Agreement</th>
<th>Since</th>
<th>Exp./Imp. in %</th>
</tr>
</thead>
<tbody>
<tr>
<td>SADC</td>
<td>2000</td>
<td>17.1/74.5</td>
</tr>
<tr>
<td>SACU</td>
<td>1948</td>
<td>14.4/73.4</td>
</tr>
<tr>
<td>COMESA</td>
<td>1994</td>
<td>2.6/1.1</td>
</tr>
<tr>
<td>EFTA-SACU</td>
<td>2008</td>
<td>0.0/0.0</td>
</tr>
</tbody>
</table>

Mean Depth of Treaties

- Very shallow (0 - 0.5)
- Shallow (0.5 - 1.0)
- Deep (1.0 - 1.5)
- Very deep (1.5+)

Assumed Participation in Future Treaties

Presence in International Trade Agreements

WTO Membership since 1995

Trade Agreements in force

<table>
<thead>
<tr>
<th>Agreement</th>
<th>Since</th>
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</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>EFTA-SACU</td>
<td>2008</td>
<td>0.0/0.0</td>
</tr>
</tbody>
</table>

Mean Depth of Treaties

- Very shallow (0 - 0.5)
- Shallow (0.5 - 1.0)
- Deep (1.0 - 1.5)
- Very deep (1.5+)

Assumed Participation in Future Treaties

Welfare Effects of Different Trade Policy Scenarios

Note: Selected preferential trade agreements (PTAs) currently under consideration: the Transatlantic Trade and Investment Partnership (TTIP), the Trans-Pacific Partnership (TPP), the Regional Comprehensive Economic Partnership (RCEP) and the Free Trade Area of the Asia Pacific (FTAAP).

The thought experiment in a scenario is as follows: In the world as we observe it in the base year 2007 (data source: Global Trade Analysis Project 8.1), what would sectoral trade flows, value added embodied in those trade flows, industry-level outcomes, and aggregate welfare look like if the respective negotiating parties had – counterfactually – a PTA of the type (shallow or deep) observed in the data. TTIP is assumed to have the effects of observed deep PTAs, while TPP, RCEP and FTAAP are assumed to have the effects of observed shallow PTAs.

Overview Trade & Openness

Exports to Top 2 Export Partners 2013 (Goods)

<table>
<thead>
<tr>
<th>Product</th>
<th>GBR Value</th>
<th>GBR Share</th>
<th>GBR Applied</th>
<th>GBR MFN</th>
<th>BEL Value</th>
<th>BEL Share</th>
<th>BEL Applied</th>
<th>BEL MFN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diamonds</td>
<td>2,774</td>
<td>99%</td>
<td>0%</td>
<td>0.0</td>
<td>733</td>
<td>100%</td>
<td>0%</td>
<td>0.0</td>
</tr>
<tr>
<td>Meat (bovine, frozen)</td>
<td>13</td>
<td>0%</td>
<td>100%</td>
<td>86.0</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>86.0</td>
</tr>
<tr>
<td>Meat (bovine, fresh)</td>
<td>8</td>
<td>0%</td>
<td>100%</td>
<td>66.4</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>0.0</td>
</tr>
<tr>
<td>Printed books</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>0.0</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>0.0</td>
</tr>
<tr>
<td>Motor cars</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>10.0</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>0.0</td>
</tr>
<tr>
<td>Total</td>
<td>2,796</td>
<td>100%</td>
<td>100%</td>
<td>0.0</td>
<td>734</td>
<td>100%</td>
<td>100%</td>
<td>0.0</td>
</tr>
</tbody>
</table>
### Sectoral Value Added and its Growth with Different Trade Policy Scenarios

<table>
<thead>
<tr>
<th>GTAP Sectors</th>
<th>Value Added (2007)</th>
<th>Change with</th>
<th>TTIP</th>
<th>TPP</th>
<th>RCEP</th>
<th>FTAAP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in mio. €</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Mining</td>
<td>2,289</td>
<td>25.35</td>
<td>4.67</td>
<td>0.53</td>
<td>0.17</td>
<td>0.07</td>
</tr>
<tr>
<td>Other services</td>
<td>1,436</td>
<td>15.91</td>
<td>-0.09</td>
<td>-0.50</td>
<td>-0.50</td>
<td>-0.34</td>
</tr>
<tr>
<td>Trade</td>
<td>879</td>
<td>9.74</td>
<td>-0.89</td>
<td>-0.48</td>
<td>-0.57</td>
<td>-1.92</td>
</tr>
<tr>
<td>Construction</td>
<td>810</td>
<td>8.97</td>
<td>-0.08</td>
<td>-0.48</td>
<td>-0.55</td>
<td>-0.87</td>
</tr>
<tr>
<td>Metals nec</td>
<td>672</td>
<td>7.44</td>
<td>-10.99</td>
<td>-4.46</td>
<td>-2.88</td>
<td>-43.75</td>
</tr>
<tr>
<td>Business services nec</td>
<td>504</td>
<td>5.58</td>
<td>0.17</td>
<td>0.05</td>
<td>-0.07</td>
<td>-0.27</td>
</tr>
<tr>
<td>Agriculture &amp; Food</td>
<td>493</td>
<td>5.46</td>
<td>-1.31</td>
<td>-0.52</td>
<td>-0.72</td>
<td>-7.68</td>
</tr>
<tr>
<td>Financial services nec</td>
<td>333</td>
<td>3.69</td>
<td>-0.05</td>
<td>-0.34</td>
<td>-0.29</td>
<td>-1.87</td>
</tr>
<tr>
<td>Recreational services</td>
<td>274</td>
<td>3.04</td>
<td>-0.61</td>
<td>-0.28</td>
<td>-0.23</td>
<td>-0.43</td>
</tr>
<tr>
<td>Dwellings</td>
<td>211</td>
<td>2.33</td>
<td>-0.08</td>
<td>-0.53</td>
<td>-0.59</td>
<td>-4.28</td>
</tr>
<tr>
<td>Food, processed</td>
<td>174</td>
<td>1.93</td>
<td>-0.97</td>
<td>-0.51</td>
<td>-0.84</td>
<td>-5.03</td>
</tr>
<tr>
<td>Transport nec</td>
<td>162</td>
<td>1.79</td>
<td>-0.18</td>
<td>-0.37</td>
<td>-0.30</td>
<td>-0.33</td>
</tr>
<tr>
<td>Communication</td>
<td>143</td>
<td>1.58</td>
<td>-0.17</td>
<td>-0.14</td>
<td>-0.16</td>
<td>-0.16</td>
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<tr>
<td>Textiles</td>
<td>128</td>
<td>1.41</td>
<td>-9.21</td>
<td>-0.78</td>
<td>-1.72</td>
<td>-13.83</td>
</tr>
<tr>
<td>Water</td>
<td>91</td>
<td>1.01</td>
<td>-0.37</td>
<td>-0.39</td>
<td>-0.43</td>
<td>-2.83</td>
</tr>
<tr>
<td>Manufactures nec</td>
<td>85</td>
<td>0.94</td>
<td>-0.96</td>
<td>-0.27</td>
<td>-0.87</td>
<td>-2.29</td>
</tr>
<tr>
<td>Insurance</td>
<td>63</td>
<td>0.69</td>
<td>0.41</td>
<td>0.23</td>
<td>0.30</td>
<td>8.39</td>
</tr>
<tr>
<td>Wood</td>
<td>46</td>
<td>0.51</td>
<td>-2.48</td>
<td>-0.53</td>
<td>-1.19</td>
<td>-26.63</td>
</tr>
<tr>
<td>Metal products</td>
<td>41</td>
<td>0.46</td>
<td>-1.73</td>
<td>-0.56</td>
<td>-1.17</td>
<td>-5.98</td>
</tr>
<tr>
<td>Mineral products</td>
<td>39</td>
<td>0.44</td>
<td>-2.98</td>
<td>-0.37</td>
<td>-1.47</td>
<td>-6.05</td>
</tr>
<tr>
<td>Chemicals</td>
<td>39</td>
<td>0.43</td>
<td>-4.51</td>
<td>0.00</td>
<td>-1.82</td>
<td>-6.94</td>
</tr>
<tr>
<td>Air transport</td>
<td>36</td>
<td>0.40</td>
<td>-0.83</td>
<td>-0.70</td>
<td>-0.49</td>
<td>-14.83</td>
</tr>
<tr>
<td>Electricity</td>
<td>30</td>
<td>0.33</td>
<td>0.01</td>
<td>-0.07</td>
<td>-0.67</td>
<td>0.71</td>
</tr>
<tr>
<td>Paper</td>
<td>15</td>
<td>0.17</td>
<td>-1.47</td>
<td>-0.35</td>
<td>-0.98</td>
<td>-4.63</td>
</tr>
<tr>
<td>Machinery nec</td>
<td>15</td>
<td>0.16</td>
<td>-3.55</td>
<td>-0.08</td>
<td>-1.21</td>
<td>-4.57</td>
</tr>
<tr>
<td>Ferrous metals</td>
<td>10</td>
<td>0.11</td>
<td>-7.75</td>
<td>-0.63</td>
<td>-3.37</td>
<td>-10.27</td>
</tr>
<tr>
<td>Leather</td>
<td>4</td>
<td>0.04</td>
<td>-4.12</td>
<td>-0.28</td>
<td>-2.30</td>
<td>-27.12</td>
</tr>
<tr>
<td>Motor vehicles</td>
<td>2</td>
<td>0.03</td>
<td>-8.00</td>
<td>-5.65</td>
<td>-2.82</td>
<td>-71.38</td>
</tr>
<tr>
<td>Electronics</td>
<td>2</td>
<td>0.02</td>
<td>-6.28</td>
<td>0.26</td>
<td>-0.95</td>
<td>2.25</td>
</tr>
<tr>
<td>Water transport</td>
<td>1</td>
<td>0.02</td>
<td>-1.90</td>
<td>-0.42</td>
<td>-0.46</td>
<td>-25.58</td>
</tr>
<tr>
<td>Petroleum</td>
<td>1</td>
<td>0.01</td>
<td>-5.31</td>
<td>0.82</td>
<td>-0.38</td>
<td>0.36</td>
</tr>
<tr>
<td>Gas</td>
<td>0</td>
<td>0.00</td>
<td>0.66</td>
<td>0.87</td>
<td>2.73</td>
<td>16.98</td>
</tr>
<tr>
<td>Total</td>
<td>9,028</td>
<td>100.00</td>
<td>-0.67</td>
<td>-0.47</td>
<td>-0.53</td>
<td>-3.64</td>
</tr>
</tbody>
</table>