A bright side of resource taxation: Green production contributing to growth

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Resource taxation and green policy in Denmark – ‘the decoupling story’

Measuring the economic output of Danish green production (I)

Coverage of the Danish private sector:

- Enterprises: 114,588 (82.1 %)
- Turnover: 2,666 DKK bn. (97.8 %)
Measuring the economic output of Danish green production (II)

- Three sources for identification
  - Product codes (10.000 CN8)
  - Survey (10 pct. Stratified Random Sampling)
  - Qualitative review of enterprises

- Turnover: 2,666 DKK bn.
  - 1722 observed, 915 unobserved
  - Multiple imputation to compensate for unobserved data
Some results of first Green Growth Report 2012 (I)

Full-time employees distributed by industry, 2010

<table>
<thead>
<tr>
<th>Industry</th>
<th>Full-time employees</th>
<th>Share of full-time employees in green production</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>In green production</td>
</tr>
<tr>
<td>Agriculture</td>
<td>29,300</td>
<td>3,500</td>
</tr>
<tr>
<td>Manufacturing, incl. construction and utilities</td>
<td>398,200</td>
<td>55,900</td>
</tr>
<tr>
<td>Service</td>
<td>826,900</td>
<td>46,600</td>
</tr>
<tr>
<td>Total</td>
<td>1,254,400</td>
<td>106,000</td>
</tr>
</tbody>
</table>
Some results of first Green Growth Report 2012 (II)

Green products’ share of total exports

- Manufacturing (incl. construction and utilities)
- Trade
- Service
Some results of first Green Growth Report 2012 (III)

Productivity in enterprises with green production

[Bar chart showing productivity trends from 2005 to 2010 for different sectors: Manufacturing (incl. construction and utilities), Service, and Trade.]

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