

## Digest of Green Reports and Studies

<b>Title</b>	<i>Skills for Green Jobs in Denmark</i>
<b>Author</b>	European Centre for the Development of Vocational Training (Cedefop) and International Labour Organization (ILO)
<b>Organization</b>	International Labour Organization 2010
<b>Author Contact</b>	N/A
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<b>URL</b>	<a href="http://www.ilo.org/wcmsp5/groups/public/---ed_emp/---ifp_skills/documents/publication/wcms_142484.pdf">http://www.ilo.org/wcmsp5/groups/public/---ed_emp/---ifp_skills/documents/publication/wcms_142484.pdf</a>
<b>Summary</b>	During the late '70s and '80s, Denmark had already started to focus their attention on green energy policies through governmental regulations and fiscal policies. Denmark's current focus towards climate change is a continuation of their existing green energy policies. According to the report, "it will look into sector and occupational changes in Denmark impacted by the greening of the economy, and more specifically which types of policy measures have been taken to anticipate and address the impact of green restructuring as well as growth and job creation opportunities created by the greening of the economy."
<b>Key Findings</b>	<p>According to the report:</p> <ul style="list-style-type: none"> <li>• "Strategic R&amp;D and innovation focus has so far not been followed up by a new coherent skills action plan to link green education and training policies with job creation and strategic innovation investments."</li> <li>• "Many skills initiatives have been developed over time within the long term focus on energy efficiency and the following changed skills requirements identified by the trade committees with their industry partners."</li> <li>• "The policy focus on energy efficiency and renewable energy has impacted the existing qualifications offered in all subsectors in the ordinary education system and in CVET (Continuous Vocational Education and Training)."</li> <li>• "Overall annual job losses have for several years totaled around 250,000 jobs, marginally lower than jobs created, both in periods of economic growth as well as downturns."</li> <li>• "Current job losses that have resulted in major lay-offs particularly in manufacturing and process industries are not a new phenomenon."</li> </ul> <p>Additional findings may be found throughout the report.</p>
<b>Recommendations</b>	<p>According to the report the following recommendations were made:</p> <ul style="list-style-type: none"> <li>• "The need for cooperation at a European level to further analyze which types of methods are best suited to capture skills changes that occur as a result of convergence, disruptive changes in business models, or repositioning of value chains."</li> <li>• "Further research should be initiated to understand how technological convergence and disruptive business innovation (sector convergence) or repositioning of value chains can be identified and analyzed with a view to identifying emerging skills needs that cannot be clustered according to sector and occupational qualifications."</li> <li>• "Measures would need to be coordinated with the innovation unit from DG Enterprise and DG Employment to ensure coherence in approaches. Furthermore, such measures should be tested with a view to consolidating different methods for skills anticipation to increase the value of such activities."</li> </ul>
<b>Definition of "Green"</b>	N/A
<b>Methodology</b>	Literature Research
<b>Data Sources Cited</b>	<ul style="list-style-type: none"> <li>• The Energy Agreement (February 2008)</li> <li>• The Danish Government's strategy (December 2009): Sustainable transport – better infrastructure</li> <li>• Strategy for reduction of energy consumption in buildings (April 2009)</li> <li>• Strategy for adaptation to climate change in Denmark (March 2008)</li> </ul> <p>Additional data sources cited can be found throughout the report</p>
<b>Report Geography</b>	Denmark
<b>Green Occupations Cited</b>	<ul style="list-style-type: none"> <li>• Agricultural Meteorologists</li> <li>• Bio Energy Technicians</li> <li>• Cooling Technicians</li> <li>• Electricians</li> </ul>

	<ul style="list-style-type: none"> <li>• Energy Assessors</li> <li>• Green Accountants</li> <li>• Inspectors on Energy Efficiency</li> <li>• Manager in Renewable Energy</li> <li>• Solar Installers</li> <li>• Wind Turbine Operators</li> </ul> <p>Additional occupations are found throughout the report.</p>
<b>Green Industries Cited</b>	<ul style="list-style-type: none"> <li>• Construction</li> <li>• Renewable Energy (Energy Inspection and Energy Efficiency Services)</li> <li>• Metal Works/ Shipbuilding</li> <li>• Maritime Services</li> </ul> <p>Additional Industries may be cited throughout report.</p>
<b>Keywords</b>	Bio-ethanol; Biogas; Biomass; CO2; Fuel Cells; Greenhouse Gases; Renewable Energy; Solar Energy; Water and Wave Power; Wind Power.
<b>Legislation Cited</b>	<ul style="list-style-type: none"> <li>• The Energy Agreement (February 2008)</li> <li>• Strategy for Reduction of Energy Consumption in Buildings (April 2009)</li> </ul> <p>Additional National Legislation can be found throughout the report</p>
<b>Bibliography (Y/N)</b>	Y
<b>Reviewer Name/Org</b>	Tammy Gregory/LMID/ORG

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