

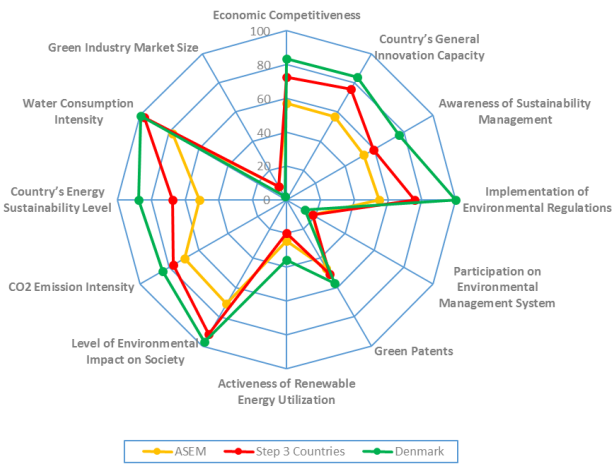


Denmark

	51,424	5.6 million	1:22:77	0.923 Very high	6.14	5.69	
Flag	GDP per capita	Population	Industry structure (1st, 2nd, 3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score	
ASEI 2015	72.68	
Eco-Innovation Capacity	81.41	
Economic Competitiveness	83.33	
Country's General Innovation Capacity	83.92	
Awareness of Sustainability Management	76.99	
Eco-Innovation Supporting Environment	100.00	
Implementation of Environmental Regulations	100.00	
Eco-Innovation Activities	35.06	
Firms' Participation on Environmental Management System	12.32	
Green Patents	56.95	
Activeness of Renewable Energy Utilization	35.92	
Eco-Innovation Performance	74.23	
Level of Environmental Impact on Society	97.35	
CO ₂ Emission Intensity	84.62	
Country's Energy Sustainability Level	87.62	
Water Consumption Intensity	99.60	
Green Industry Market Size	1.98	

- Denmark's eco-innovation capacity, supporting environment, activity and performance are high.
- Most of the ASEI indicators of Denmark are higher than the average score of the same development state countries.
- Green Industry Market Size (indicator no. 4.6) of Denmark is lower than the average score of the same development state countries.

Table 36 Eco-innovation Policy instruments of Denmark

National plan and strategy	Sustainability	■ Danish Strategy for Sustainable Development (2009)
	Eco-innovation	■ Energy Strategy 2050 ■ The National Energy Agreement (2008 - 2011) ■ Green Growth (2009) ■ Environmental technological action plan 2010-2011 ■ The Waste Strategy (2009-2012) ■ Green Growth agreement (2009) & Green Growth agreement 2.0 (2010)
Programme and actions	National	■ A visionary Danish Energy Policy 2025 (2008) ■ New Eco-innovation Programme ■ The Green Development and Demonstration Programme (GUDP) ■ Eco-label Denmark ■ An enhanced effort for green procurement (2008-2009)
	International	
Legislation		■ The Raw Materials Act
Finance		■ The growth Fund ■ The Energy Technology Development and Demonstration Programme ■ The Fund for Green Conversion and Commercial Renewal ■ Four largest water research programmes
Information		■ The 7th European Forum on Eco-Innovation- Adapting to Climate Change through Eco-Innovation (Nov 2009) ■ Business climate strategy (2009)

Denmark established Energy Strategy 2050 based on the sustainable development policy⁹⁸, in order to become independent from fossil fuel. As a response to the climate change in the energy field, the Denmark Energy Agreement⁹⁹ used from 2008 to 2011 was revised as the Renewable Energy Agreement¹⁰⁰ in March, 2012. This agreement states that Denmark will supply 50% of its electricity through wind generation and produce over 35% of its final energy using renewable energies or bio gases¹⁰¹. The energy policy consists of the country's vision until 2025¹⁰². The Denmark Ministry of

⁹⁸ Danish Strategy for Sustainable Development (Vækst med Omtanke) (2009)

⁹⁹ The National Energy Agreement (2008 – 2011)

¹⁰⁰ new Energy Agreement – “Our Future Energy”

¹⁰¹ Danish Energy Agency, 2014, Danish Climate and Energy policy. Available at <http://www.ens.dk/en/policy/danish-climate-energy-policy>

¹⁰² A visionary Danish Energy Policy 2025 (2008)

Environment eco-innovation programs¹⁰³. The Ministry of Agriculture-Fishing Food positively influences the environment in agriculture and operate green industry development and test programs¹⁰⁴ in order to promote prospective green technologies with market potential. Through the Eco-Label program and Green Procurement programs¹⁰⁵, policy efforts are made to create positive conditions for eco-innovation supply. Denmark is creating conditions for the execution of eco-innovation by providing economic support through venture finances¹⁰⁶, public guarantee funds¹⁰⁷, R&D funds¹⁰⁸, joint subsidies, and tax support¹⁰⁹. A forum on climate change adoption through eco-innovation was held, in which the participants shared business strategies and other related information as to relate climate change adaptation efforts to the business¹¹⁰.

¹⁰³ Ministry of the Environment, 2014, Programme for Eco-innovation - Danish priorities in 2012. Available on http://www.mst.dk/English/About+the+Danish+EPA/News/Programme_for_Ecoinnovation_Danish_priorities_2012.htm

¹⁰⁴ The Green Development and Demonstration Programme, Danish Ministry of Food, Agriculture and Fisheries, 2014, GUDP (Grønt Udviklings- og Demonstrations Program). Available at <http://naturerhverv.dk/tvaergaende/gudp/>

¹⁰⁵ Eco-label Denmark, An enhanced effort for green procurement (2008-2009)

¹⁰⁶ Danish Venture Capital and Private Equity Association (DVCA), The Growth Fund, Innovation Environments-DTU Symbion Innovation, Southern Technological Innovation (SDTI)

¹⁰⁷ The Energy Technology Development and Demonstration Programme (EUDP)

¹⁰⁸ DEPA (Danish Council for Strategic Research)/ Eco-Innovation, The Danish National Advanced Technology Foundation, Danish Council for Strategic Research (DCSR), The Energy Technology Development and Demonstration Programme (EDDP), Green Development and Demonstration Programme (GUDP), Energinet.dk, The Green Transition Fund, The Green Industrial Symbiosis program, Green business models, The Maritime Transition Fund, Fund

¹⁰⁹ 25% Tax Scheme

¹¹⁰ The 7th European Forum on Eco-Innovation- Adapting to Climate Change through Eco-Innovation (Nov 2009), Business climate strategy (2009)