

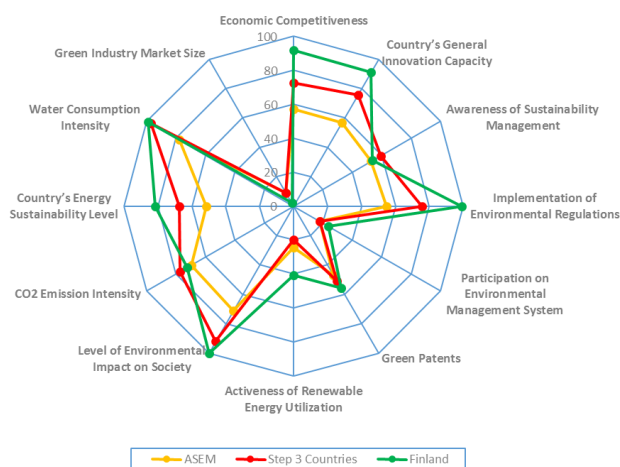


Finland

	42,159	5.5 million	3:27:70	0.883 Very high	6.38	5.98	
Flag	GDP per capita	Population	Industry structure (1st2nd3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score	
ASEI 2015	72.20	
Eco-Innovation Capacity	78.81	
Economic Competitiveness	91.87	
Country's General Innovation Capacity	90.89	
Awareness of Sustainability Management	53.66	
Eco-Innovation Supporting Environment	98.93	
Implementation of Environmental Regulations	98.93	
Eco-Innovation Activities	40.10	
Firms' Participation on Environmental Management System	23.72	
Green Patents	55.83	
Activeness of Renewable Energy Utilization	40.74	
Eco-Innovation Performance	70.97	
Level of Environmental Impact on Society	100.00	
CO ₂ Emission Intensity	72.31	
Country's Energy Sustainability Level	81.52	
Water Consumption Intensity	99.03	
Green Industry Market Size	1.98	



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

Table 37 Eco-innovation Policy instruments of Finland

National plan and strategy	Sustainability	<ul style="list-style-type: none"> ■ Green Growth, Towards a Sustainable Future 2011-2015
	Eco-innovation	<ul style="list-style-type: none"> ■ Climate Change and Energy Strategy (2008) ■ The Climate and Energy Strategy (2009) ■ National waste plan until 2016 (2008) ■ The National Resources Strategy (2009) ■ A Natural Resource Strategy for Finland: Using natural resources intelligently (2009) ■ The National Innovation Strategy (2009) ■ Bioeconomy Strategy (2010) ■ Finland's Mineral Strategy (2010)
Programme and actions	National	<ul style="list-style-type: none"> ■ Towards a Smart Resource Economy - Government Report to Parliament on Natural Resources (2010) ■ The Programme for the Built Environment (2010) ■ Energy and eco-efficiency standards for new buildings ■ The ERA17 programme for an energy smart built environment 2017 (2010) ■ The Strategic Programme for Cleantech Business (2012) ■ Resolution on Sustainable public procurement (2009) ■ Proposals for Finland's national programme to promote sustainable consumption and production (2005) ■ Energy efficiency label scheme
Legislation		<ul style="list-style-type: none"> ■ Acquisition law: energy efficiency requirement in public investment
Finance		<ul style="list-style-type: none"> ■ Tekes - Finnish Funding Agency for Technology and Innovation, funded by Ministry of Transport and Communications ■ The Finnish Innovation Fund(Sitra)
Information		<ul style="list-style-type: none"> ■ Cleantech Finland Business Forum ■ Green Net Finland ■ The Finnish National Environmental Innovation Panel ■ The Energy Efficiency committee (2008) ■ The 11th European Forum on Eco-Innovation working with emerging economies for green growth (Oct 2011) ■ The Finnish Cleantech Cluster ■ SHOK (Strategic Centres for Science, Technology and Innovation) ■ Motiva Ltd: Equipment procurements, Energy procurements and Material efficiency ■ Wood energy advisors network

Finland established a green growth plan in order to identify new potential growth factors for a sustainable economy. The green growth plan is based on the economic activities that are designed to increase energy efficiency and the sustainable usage of natural resources (EIO, 2013d). A response to climate changes, a national plan and strategy was established to address energy policies¹¹¹, waste management¹¹², resource utilization¹¹³, and national innovation¹¹⁴. The eco-innovation market was created Based on the public acquirement regulations¹¹⁵, and the corporate participation in eco-innovation was encouraged. Finland provides economic support through venture finances¹¹⁶, public guarantee funds¹¹⁷, R&D funds¹¹⁸, joint subsidies, and tax support for the execution of eco-innovation. Finland also partakes in various support activities such as technology platform and innovation network support¹¹⁹, industrial complex group creations¹²⁰, consumer awareness increase¹²¹ and consulting support¹²². The Finland Ministry of Environment and Ministry of Transportation and Communications provide support for the establishment of a research development infrastructure.

¹¹¹ Climate Change and Energy Strategy (2008), The Climate and Energy Strategy (2009), Bioeconomy Strategy (2010)

¹¹² National waste plan until 2016 (2008)

¹¹³ The National Resources Strategy (2009), A Natural Resource Strategy for Finland: Using natural resources intelligently (2009), Finland's Mineral Strategy (2010)

¹¹⁴ The National Innovation Strategy (2009)

¹¹⁵ Acquisition law: energy efficiency requirements in public investment, which also regulate competition concerning acquisitions in accordance with sustainable development related to energy, the environment, transport, welfare and health

¹¹⁶ Finnvera (Environmental Loan): Finnvera acts according to the export guarantee act, Sitra (Finnish Innovation Fund)

¹¹⁷ Finnvera: Environmental guarantee

¹¹⁸ Tekes: grants funding and subsidies, Academy of Finland

¹¹⁹ Cleantech Finland Business Forum, Green Net Finland, The Finnish National Environmental Innovation Panel, The Energy Efficiency committee (2008), The 11th European Forum on Eco-Innovation working with emerging economies for green growth (Oct 2011), Tekes: programmes: biorefine, sustainable community, green growth

¹²⁰ The Finnish Cleantech Cluster, SHOK (Strategic Centres for Science, Technology and Innovation): SHOKs related to eco-innovations: CLEEN Ltd/ Energy and environment, forest cluster, built environment

¹²¹ Motiva Ltd: Equipment procurements, Energy procurements and Material efficiency

¹²² Tekes, Wood Biomass Advisors Network