

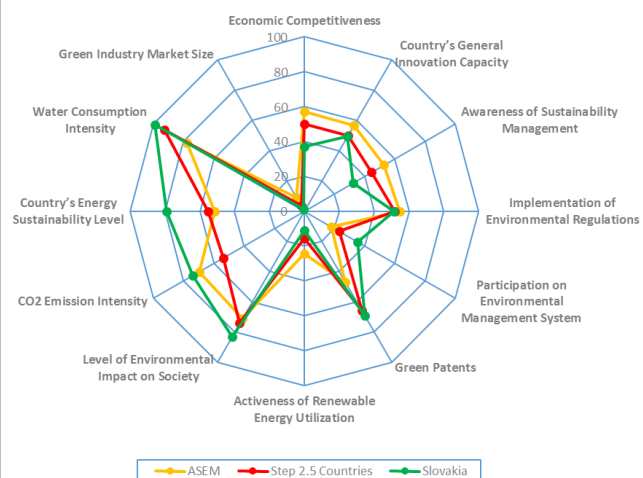


Slovakia

	15,893	5.4 million	3:30:67	0.844 Very high	4.23	4.41	
Flag	GDP per capita	Population	Industry structure (1st, 2nd, 3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score
ASEI 2015	49.23
Eco-Innovation Capacity	39.51
Economic Competitiveness	36.99
Country's General Innovation Capacity	49.29
Awareness of Sustainability Management	32.25
Eco-Innovation Supporting Environment	51.60
Implementation of Environmental Regulations	51.60
Eco-Innovation Activities	38.53
Firms' Participation on Environmental Management System	35.28
Green Patents	69.06
Activeness of Renewable Energy Utilization	11.26
Eco-Innovation Performance	67.26
Level of Environmental Impact on Society	83.27
CO ₂ Emission Intensity	73.85
Country's Energy Sustainability Level	79.11
Water Consumption Intensity	99.00
Green Industry Market Size	1.06



- Slovakia's eco-innovation activity and performance are higher than the average scores of the same development state group countries. However, eco-innovation capacity and supporting environment are low.
- Green Patents (indicator no. 3.4) and the indicators of the eco-innovation performance of Slovakia are higher than the average score of ASEM member countries and the same development state countries.

- Awareness of Sustainability Management (indicator no. 1.5) and Activeness of Renewable Energy Utilization (indicator no. 3.5) of Slovakia are lower than the same development state countries.

Table 53 Eco-innovation Policy instruments of Slovakia

National plan and strategy	Sustainability	<ul style="list-style-type: none"> ■ The Slovak Republic Strategy for Sustainable Development 2001 ■ Development Strategy of the Slovak Society 2030 ■ The Energy Policy (2006) ■ The Slovak Republic Action Plan for Sustainable Development for the years 2005-2010
	Eco-innovation	<ul style="list-style-type: none"> ■ Research and Innovation Strategy for Smart Specialization of the Slovak Republic (RIS3) 2013 ■ The Concept of Using Renewable Energy Sources (RES) 2003 ■ Strategy for a Higher Utilization of Renewable Energy Sources in the Slovak Republic 2007 ■ Energy Efficiency Action Plan for 2011 - 2013 ■ National Renewable Energy Action Plan 2020 ■ The Action Plan for Renewable Energy Sources 2002-2012, 2002 ■ The Biomass Action Plan for 2008 - 2013 (2008) ■ Strategy of the energy efficiency in buildings until 2010 without look up to 2020 ■ Strategy of the state housing policy until 2015 ■ Roadmap for implementation of the Environmental Technologies Action Plan (ETAPII) in Slovak republic(2008) ■ National action plan for green public procurement for the years 2007 - 2010
Programme and actions	National	<ul style="list-style-type: none"> ■ National Reform Programme for 2011-2014 ■ National Business Award for the Environment ■ The Ministry of Economy Award “Innovative Action of the Year” ■ Slovak organization for R&D activities (SOVVA)'s help ■ National Program for development of biofuels (2005) ■ Operational Programme Transport 2007-2013(2007) ■ Waste management Programme for 2006-2010 ■ National Forest Programme of the Slovak Republic ■ Slovak Investment and Trade Development Agency (SARIO)'s support
Legislation		-
Finance		-
Information		<ul style="list-style-type: none"> ■ River Basin Management Plan of the Slovak Republic (Danube River Basin District and Vistula River Basin District)

		■ National action plan for green public procurement for the years 2007 - 2010
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Slovakia has relatively high scores in numbers of ISO 14001 registered agencies and material productivity. However, it does not own any eco-innovation sector or market. The renewable energies and building energy efficiency seem to be the prospective fields. The natural conditions of Slovakia are most adequate for the water power generation and biomass development. Appropriate resources for biomass are found within the forests. National eco-innovation is faced with difficult tasks such as waste management, traffic infrastructure reconstruction/modernization, and the expansion of energy conservation in construction. Slovakia promotes national policies that are in line with eco-innovation. New policies related to the waste management have been passed by the Slovakia parliament and the government, strengthening their environmental laws. In 2013, the government announced a research innovation strategy¹⁸¹ and set the basic strategy for research and innovation support. However, eco-innovation is leaning towards energy conservation and new renewable energies. Financial support mainly relies on the EU's fund, while execution programs are disseminated. Due to high turnover rates in public officials, the administrators are unskilled in handling.

¹⁸¹ Research and Innovation Strategy for Smart Specialization (RIS3 SK)