

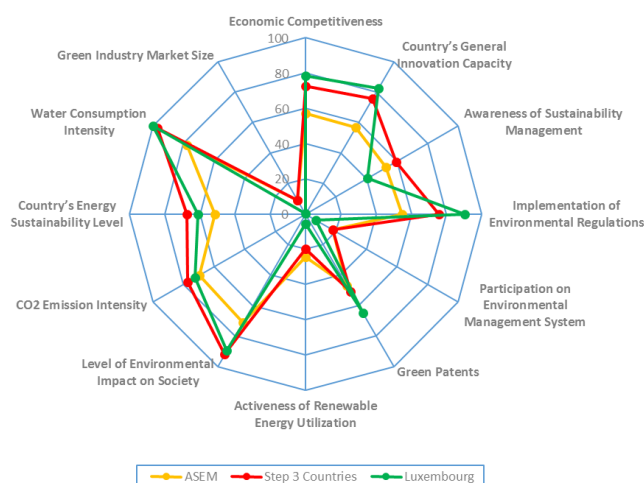


# Luxembourg

	103,187	0.6 million	0:12:88	0.892 Very high	5.96	5.73	
Flag	GDP per capita	Population	Industry structure (1st2nd3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score	
<b>ASEI 2015</b>	<b>61.86</b>	
<b>Eco-Innovation Capacity</b>	<b>67.07</b>	
Economic Competitiveness	78.46	
Country's General Innovation Capacity	82.45	
Awareness of Sustainability Management	40.30	
<b>Eco-Innovation Supporting Environment</b>	<b>90.11</b>	
Implementation of Environmental Regulations	90.11	
<b>Eco-Innovation Activities</b>	<b>25.64</b>	
Firms' Participation on Environmental Management System	6.63	
Green Patents	64.80	
Activeness of Renewable Energy Utilization	5.49	
<b>Eco-Innovation Performance</b>	<b>64.63</b>	
Level of Environmental Impact on Society	89.60	
CO <sub>2</sub> Emission Intensity	72.31	
Country's Energy Sustainability Level	61.00	
Water Consumption Intensity	100.00	
Green Industry Market Size	0.27	



- Luxembourg's eco-innovation capacity, supporting environment and performance are high. However, eco-innovation activity is low.
- Implementation of Environment Regulation (indicator no. 2.2) and Green Patents (indicator no.3.4) of Luxembourg are higher than the average score of the same development state countries.
- Firm's Participation on Environmental Management System (indicator no. 3.2) and Activeness of Renewable Energy Utilization (indicator no.3.5) of Luxembourg are lower than the average score of the same development state countries.

Table 42 Eco-innovation Policy instruments of Luxembourg

National plan and strategy	Sustainability	<ul style="list-style-type: none"> <li>■ circular economy model 2013</li> <li>■ National Plan for Sustainable Development 2010</li> <li>■ National Sustainability Strategy Luxembourg 2009</li> </ul>
	Eco-innovation	<ul style="list-style-type: none"> <li>■ eco-technologies Action Plan 2012</li> </ul>
Programme and actions	National	<ul style="list-style-type: none"> <li>■ highest political priority: energy efficiency</li> <li>■ The Hollerich Village 2013</li> <li>■ Learning Factory 2013</li> <li>■ Tarkett - innovative and sustainable flooring and sports surface solutions</li> <li>■ The Luxembourg Law on Promotion of Research, Development and Innovation (2009)</li> <li>■ "Innovation loan provided by the "Société Nationale de Crédit et d'investissement" (SNCI)</li> <li>■ R&amp;D incentive scheme of the Ministry of Economy and Foreign Trade (RDI Law of 5th June 2009)</li> <li>■ FNRCORE Thematic Programme.</li> <li>■ ERA_Net ECO Innovera</li> <li>■ Business Portail</li> <li>■ Institut national pour le développement de la formation professionnelle continue</li> <li>■ ATTRACT Programme</li> <li>■ National Research Training Grant Scheme</li> <li>■ The Luxembourg Foresight Exercise</li> <li>■ "Observatoire de la Compétitivité"</li> <li>■ PRIMe CAR-e</li> <li>■ The Air Quality Plan for Luxembourg City</li> <li>■ National Spatial Planning Programme 2013</li> </ul>
Finance		<ul style="list-style-type: none"> <li>■ Luxembourg Future Fund" initiative, jointly with the European Investment Fund (FEI) 2013</li> </ul>
Information		<ul style="list-style-type: none"> <li>■ Luxembourg Green Party 2013</li> <li>■ Luxembourg EcoInnovation Cluster 2002</li> <li>■ Legal framework for venture capital and private equity companies (SICAR)</li> <li>■ The National Agency for Innovation "Luxinnovation"</li> <li>■ Luxembourg Private Equity &amp; Venture Capital Association</li> </ul>

The new government established in December 2013 has been seeking for changes in various fields, including energy and climate change policies, with emphasis on the energy. The most meaningful eco-innovation trend is the economic circulation model program, which diversifies national economic activities and improves competitiveness. The eco-innovation field includes reasonable usage of natural resources, material science, sustainable mobility and urban smart technology. The driving forces of Luxembourg's eco-innovation are strong policy will for the sustainable eco-innovation development, and the need for the economic diversification for the economic growth and productivity. The new president of Luxembourg, who has been elected as the head of the ecology innovation cluster, has been committed to develop new strategies for a cluster centered on the mobility, economic circulation, sustainable cities and smart technology. This strategy includes specific goals for the period of 2014-2020 (EIO, 2013I).