

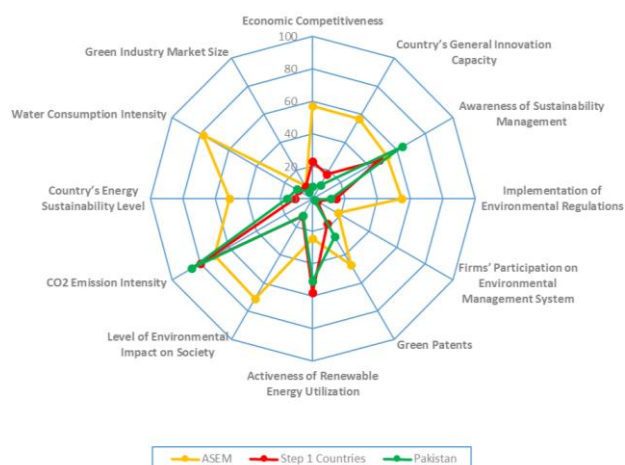


## Pakistan

	4,900	199.0 million	26:19:55	0.538 Low	3.16	2.99	
Flag	GDP per capita	Population	Industry structure (1st2nd3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score
<b>ASEI 2015</b>	<b>22.63</b>
<b>Eco-Innovation Capacity</b>	26.93
Economic Competitiveness	7.32
Country's General Innovation Capacity	9.66
Awareness of Sustainability Management	63.83
<b>Eco-Innovation Supporting Environment</b>	11.23
Implementation of Environmental Regulations	11.23
<b>Eco-Innovation Activities</b>	26.34
Firms' Participation on Environmental Management System	1.37
Green Patents	26.91
Activeness of Renewable Energy Utilization	50.74
<b>Eco-Innovation Performance</b>	26.04
Level of Environmental Impact on Society	12.11
CO <sub>2</sub> Emission Intensity	86.15
Country's Energy Sustainability Level	15.90
Water Consumption Intensity	11.24
Green Industry Market Size	4.78



- Pakistan's eco-innovation capacity, activity and performance are high. However, eco-innovation supporting environment is low.
- Awareness of Sustainability Management (indicator no. 1.5) and CO<sub>2</sub> Emission Intensity (indicator no. 4.2) of Pakistan are higher than the average score of the same development state countries.
- Country's General Innovation Capacity (indicator no. 1.2) of Pakistan is lower than the average score of the same development state countries.

Table 20 Eco-innovation Policy instruments of Pakistan

National plan and strategy	Sustainability	■ National Sustainable Development Strategy (2012)
	Eco-innovation	<ul style="list-style-type: none"> <li>■ Alternative and Renewable Energy Policy 2011</li> <li>■ Pakistan Energy Vision 2035</li> <li>■ National Climate Change Policy 2012</li> <li>■ Clean Development Mechanism - National Operational Strategy (2006)</li> </ul>
Programmes and actions	National	■ Pakistan Sustainable Transport Project (2011-2016)
	International	
Legislation		<ul style="list-style-type: none"> <li>■ The Pakistan Environmental Protection Act 1997</li> <li>■ National Environmental Quality Standards (self-monitoring and reporting by industries) Rules (2001)</li> </ul>
Finance		■ Provincial Sustainable Development Funds (PSDFs) 2011
Information		<ul style="list-style-type: none"> <li>■ Sustainable Development Conferences (SDCs)</li> <li>■ Pakistan Sustainability Network</li> <li>■ Pathways to Resilience in Semi-Arid Economies (PRISE) 2014-2018</li> <li>■ Sustainable Ship-breaking Initiative (SSI) for Trade and Sustainability in Ship-breaking Industry of Pakistan 2011-2016</li> <li>■ Secure Livelihoods Research Consortium (SLRC) 2011-2017</li> <li>The Centre for Capacity Building [CCB]</li> </ul>

Pakistan established Plan for Alternative Energy and New Renewable Energy in 2011 under its national vision and strategy for the sustainable development and response to the climate change. Instead of the R&D policies for developing new renewable energies. Pakistan is receiving 2,300MW worth of solar and wind electricity support from China's Wind Electric. Pakistan is participating in the project, in cooperation with the IUCN, to reduce the energy consumption and greenhouse emissions in the Pakistan Sustainable Transportation Project. Recently, Pakistan established National Sustainable Development Strategy in 2012 for sustainable development while strengthening its sustainable development policies. The Pakistan Environmental Protection Agency improved the Pakistan environment protection Act enacted in 1997 and established regulations regarding environment management standards, as an effort to promote sustainable development policies.