

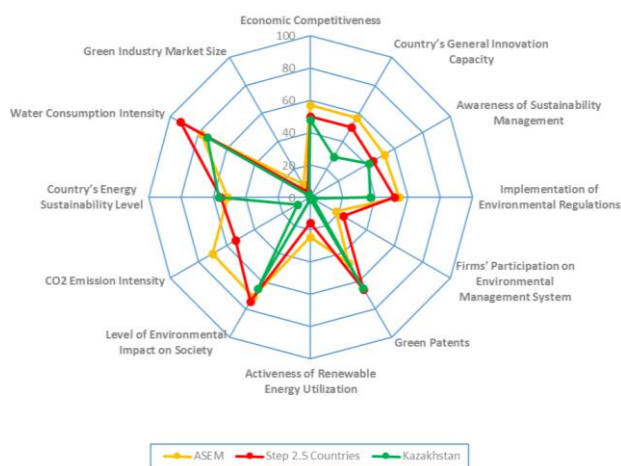


Kazakhstan

	11,028	18.1 million	5:35:60	0.788 High	4.69	3.91	
Flag	GDP per capita	Population	Industry structure (1st, 2nd, 3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score	
ASEI 2015	35.11	
Eco-Innovation Capacity	39.53	
Economic Competitiveness	47.97	
Country's General Innovation Capacity	29.04	
Awareness of Sustainability Management	41.58	
Eco-Innovation Supporting Environment	36.90	
Implementation of Environmental Regulations	36.90	
Eco-Innovation Activities	22.71	
Firms' Participation on Environmental Management System	1.80	
Green Patents	65.02	
Activeness of Renewable Energy Utilization	1.30	
Eco-Innovation Performance	41.29	
Level of Environmental Impact on Society	65.17	
CO ₂ Emission Intensity	9.23	
Country's Energy Sustainability Level	56.75	
Water Consumption Intensity	73.72	
Green Industry Market Size	1.59	



- Kazakhstan's eco-innovation capacity, supporting environment, activity and performance are low.
- Country's Energy Sustainability Level (indicator no. 4.3) of Kazakhstan is higher than the average score of the same development state countries.
- Country's General Innovation Capacity (indicator no. 1.2) and CO₂ Emission Intensity (indicator no. 4.2) of Kazakhstan are lower than the average score of the same development state countries.

Table 28 Eco-innovation Policy instruments of Kazakhstan

National plan and strategy	Sustainability	<ul style="list-style-type: none"> ■ National Sustainable Development Strategy ■ Concept for Transition of the Republic of Kazakhstan to Green Economy (2013)
	Eco-innovation	<ul style="list-style-type: none"> ■ The Green economy - Renewable energy (2014)⁴⁶
Programmes and actions	National	<ul style="list-style-type: none"> ■ Sustainable consumption and production ■ SPAID - State Programme for Accelerated Industrial Innovative Development (2010)
	International	-
Legislation		-
Finance		-
Information		<ul style="list-style-type: none"> ■ Green economy EXPO-2017⁴⁷

In Kazakhstan, national policies⁴⁸ for sustainable development, which become basis to eco-innovation support policy, are already incorporated into national plan and strategies. Eco-innovation plays an important role in sustaining political agenda related to green economy in national level and serves as catalyst for green economy. Concepts that become basis to the transformation into green economy in Kazakhstan have been solidified within the nation. They have established a foundation of green economy with renewable energy⁴⁹. Along in the same line, Kazakhstan will be hosting an Expo until 2017 to enable partnership to heighten awareness to make transition to green economy⁵⁰. National programs that support sustainable consumption and production are also in operation⁵¹.

⁴⁶ <http://energytransition.de/2014/02/kazakhstan-goes-renewable/>

⁴⁷ <http://www.kz.undp.org/content/kazakhstan/en/home/presscenter/articles/2015/06/19/kazakhstan-shares-experience-of-developing-green-economy-.html>

⁴⁸ National Sustainable Development Strategy

⁴⁹ Concept for Transition of the Republic of Kazakhstan to Green Economy (2013)

⁵⁰ Green economy EXPO-2017

⁵¹ Sustainable consumption and production