

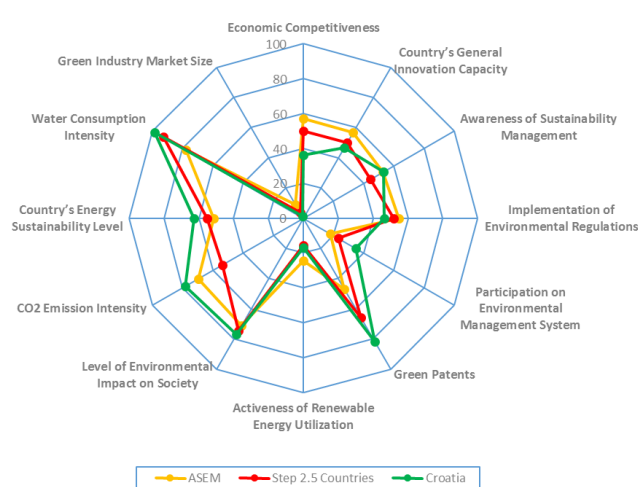


## Croatia

	11,551	4.5 million	4:27:69	0.818 Very high	4.06	4.21	
Flag	GDP per capita	Population	Industry structure (1st, 2nd, 3rd)	HDI	Sustainable social index	Sustainable env. index	Geographic location

	Score	
<b>ASEI 2015</b>	<b>49.85</b>	
<b>Eco-Innovation Capacity</b>	<b>45.28</b>	
Economic Competitiveness	36.18	
Country's General Innovation Capacity	46.77	
Awareness of Sustainability Management	52.89	
<b>Eco-Innovation Supporting Environment</b>	<b>46.26</b>	
Implementation of Environmental Regulations	46.26	
<b>Eco-Innovation Activities</b>	<b>44.32</b>	
Firms' Participation on Environmental Management System	34.53	
Green Patents	81.61	
Activeness of Renewable Energy Utilization	16.81	
<b>Eco-Innovation Performance</b>	<b>63.55</b>	
Level of Environmental Impact on Society	76.75	
CO <sub>2</sub> Emission Intensity	78.46	
Country's Energy Sustainability Level	62.85	
Water Consumption Intensity	98.57	
Green Industry Market Size	1.13	

- Croatia's eco-innovation capacity, 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) CO<sub>2</sub> Emission Intensity (indicator no. 4.2) of Croatia are higher than the average score of ASEM member countries and the same development state countries.
- Economic competitiveness (indicator no. 1.5) and Green Industry Market Size (indicator no. 4.6) of Croatia are lower than the same development state countries.

Table 59 Eco-innovation Policy instruments of Croatia

National plan and strategy	Sustainability	■ Sustainable Development Strategy (2009)
	Eco-innovation	■ The National Renewable Energy Action Plan (NREAP) (2013) ■ Waste Management Strategy (2005)
Programme and actions	National	■ Science and Technology Policy (2006) ■ Technology Infrastructure Development Programme (TEHCRO)
Legislation		■ Public procurement Act (2012) ■ Public Private Partnership Act (OG 129/08, 55/11) ■ Act on State Commission for the Supervision of Public Procurement Procedures (OG 21/2010) ■ Waste Act (2008)
Finance		■ Loan Agreement for the Innovation and Entrepreneurship Venture Capital Project
Information		■ Info-day eco-innovation ■ Sector Group Environment Support for Europe's Environmental Players <sup>202</sup>

Croatia has been less influenced by eco-innovation initiatives like ETAP or Eco-AP, which have been actively promoted by the EU, than other European countries, because it joined the EU in 2013. After establishment of sustainable strategies<sup>203</sup>, it formulated renewable energy plan<sup>204</sup>. It has implemented supporting policies<sup>205</sup> for scientific development, which become basis to eco-innovation, and established infrastructure<sup>206</sup> accordingly. Croatia is also operating national business loan program, in which the government provides venture funding to support eco-innovation. Public Procurement Procedure Law<sup>207</sup> and Public Procurement Law<sup>208</sup> enacted in 2010 and 2012 reflect preferential purchasing for eco-friendly products. Public and private market in environmental sector is estimated to be about 3 billion dollars, and legal basis for this is established as law related to public and private collaboration. There are policies that enhance awareness for eco-innovation and enable partnership between the interested parties.

<sup>202</sup> [http://ec.europa.eu/environment/archives/ecoinnovation2012/2nd\\_forum/presentations/session2/2-5.pdf](http://ec.europa.eu/environment/archives/ecoinnovation2012/2nd_forum/presentations/session2/2-5.pdf)

<sup>203</sup> Sustainable Development Strategy (2009)

<sup>204</sup> The National Renewable Energy Action Plan (NREAP) (2013)

<sup>205</sup> Science and Technology Policy (2006)

<sup>206</sup> Technology Infrastructure Development Programme (TEHCRO)

<sup>207</sup> Act on State Commission for the Supervision of Public Procurement Procedures (OG 21/2010)

<sup>208</sup> Public procurement Act (2012)