



**Summary of the UAE's latest performance according to the Green Economy**  
**Indicators**

Category	Indicator	Performance	Year	Source	World ranking	GCC ranking	Recent trend	2021 Target	
Inputs I (natural resource base)	<i>N1. Reserves of minerals</i>								
	Oil reserves	97.8 billion barrels (R/P: 73.5 years)	2013	I	7 <sup>th</sup>	3 <sup>rd</sup>	→		
	Gas reserves	6.1 trillion m <sup>3</sup> (R/P: >100 years)	2013	I	7 <sup>th</sup>	3 <sup>rd</sup>	→		
	<i>N2. Land resources</i>								
	Economically cultivatable land	Abu Dhabi: 311,000 ha (5.2% of total land)	2009	L					
		Northern Emirates: 101,678 ha (13.4% of total land)	2012	L					
	Forest areas	319,400 ha (4.5% of total land)	2012	I			↗		
	<i>N3. Marine resources</i>								
	Fish stocks (Arabian Gulf)	599 kg/km <sup>2</sup>	2011	L+I				↘	
	Fish stocks (Sea of Oman)	529 kg/km <sup>2</sup>	2011	L+I				↘	
	<i>N4. Wildlife resources</i>								
	Number of plant species	800 (at least)	2014	L					
	Number of animal species	Mammals: 48; Birds: 440; Reptiles: 70 (at least)	2014	L					
	<i>N5. Freshwater resources</i>								
	Fresh groundwater reserves	20 billion m <sup>3</sup>		L				↘	
Renewable internal freshwater resources per capita	16.8 m <sup>3</sup> /year	2011	I	173 <sup>rd</sup> /174	4 <sup>th</sup>		↘		
Inputs II	<i>C1. Innovation</i>								



(socio-economic conditions)	<b>Global Innovation Index</b> [National KPI]	<b>36<sup>th</sup></b> in the world	2014	I	36 <sup>th</sup> /143	1 <sup>st</sup>	→	Among top 20 countries
	<b>R&amp;D expenditure</b> [National KPI]	<b>0.49%</b> of GDP	2011	I	48 <sup>th</sup> /77			1.5 %
<b>C2. Business environment</b>								
	<b>Global Competitiveness Index</b> [National KPI]	<b>12<sup>th</sup></b> in the world	2014-15	I	12 <sup>th</sup> /144	1 <sup>st</sup>	↗	Among top 10 countries
	<b>Foreign direct investment net inflows</b> [National KPI]	<b>2.5%</b> of GDP	2012	I	108 <sup>th</sup> /186	2 <sup>nd</sup>	↗	5%
	<b>Ease of Doing Business Index</b> [National KPI]	<b>22<sup>nd</sup></b> in the world	2015	I	22 <sup>nd</sup> /189	1 <sup>st</sup>	↗	1 <sup>st</sup> in the world
<b>C3. Entrepreneurship</b>								
	<b>Global Entrepreneurship &amp; Development Index</b> [National KPI]	<b>20<sup>th</sup></b> in the world	2015	I	20 <sup>th</sup> /130	1 <sup>st</sup>	↗	Among top 10 countries
<b>C4. Workforce</b>								
	<b>Working population</b>	<b>Approx. 6.25 million</b>	2012	I			↗	
	<b>Labour participation rate</b>	<b>79.3%</b> (male 91.0%; female 46.6%)	2012	I			↗	
<b>C5. Knowledge &amp; education</b>								
	<b>OECD PISA score</b> [National KPI]	<b>441</b> (mathematics 434; reading 442; science 448)	2012	I	46 <sup>th</sup> /65			Among top 20 countries
	<b>Pupils who reached Grade 5</b>	<b>97.4%</b>	2010	L			↗	
	<b>Graduates from higher education</b>	<b>19,257</b> (male 7,229; female)	2011-12	L			↗	



		12,028)							
Efficiency (production and consumption)	<b>E1. Ecological Footprint</b>								
	<b>Ecological Footprint per capita</b>	<b>7.75 global hectares</b>	2014	I	146 <sup>th</sup> * /148	3 <sup>rd</sup> *	↗		
	<b>E2. Greenhouse gas intensity</b>								
	<b>GHG emissions per capita</b>	<b>18.8 t/year</b>	2012	L+I				↗	
		<b>19.9 t/year</b> (only CO <sub>2</sub> from fossil fuel combustion and cement production)	2010	I	192 <sup>nd</sup> * /199	3 <sup>rd</sup> *			
	<b>GHG emissions per GDP</b>	<b>324 g/\$</b>	2012	L+I				↗	
		<b>451 g/\$</b>	2010	I	152 <sup>nd</sup> * /187	1 <sup>st</sup> *			
	<b>E3. Energy intensity</b>								
	<b>Electricity use per capita</b>	<b>11.0 MWh/year</b>	2012	L+I				↘	
	<b>Electricity use per GDP</b>	<b>0.19 kWh/\$</b>	2012	L+I				→	
	<b>Energy use per capita</b>	<b>7,407 kgoe</b>	2011	I	129 <sup>th</sup> * /136	3 <sup>rd</sup> *			
	<b>Energy use per GDP</b>	<b>0.13 kgoe/\$</b>	2011	I	79 <sup>th</sup> /132	3 <sup>rd</sup>			
	<b>E4. Clean energy deployment</b>								
	<b>Electricity generation from renewable sources [National KPI]</b>	<b>0.02%</b>	2011	I	165 <sup>th</sup> /213	1 <sup>st</sup>		↗	24 % (including nuclear)
	<b>Renewable energy capacity</b>	<b>138.5 MW</b>	2013	L				↗	
	<b>Carbon intensity of electricity production</b>	<b>600 gCO<sub>2</sub>/kWh</b>	2011	I			2 <sup>nd</sup> *	↗	
	<b>E5. Material intensity</b>								
	<b>Apparent steel use (in finished products) per capita</b>	<b>756.8 kg</b>	2013	I	127 <sup>th</sup> * /131	5 <sup>th</sup> *		→	
	<b>Apparent steel use (in finished products) per GDP</b>	<b>13.7 g/\$</b>	2012	I				→	
	<b>E6. Water intensity</b>								
<b>Total water use per capita</b>	<b>449.4 m<sup>3</sup>/year</b>	2013	L				↗		



	<b>Domestic water use per capita</b>	<b>353 l/day</b>	2013	L			→	
	<b>Municipal water use per capita</b>	<b>500 l/day</b>	2012	L+I			→	
	<b>Municipal water use per GDP</b>	<b>3.1 l/\$</b>	2012	L+I			↑	
<b>E7. Waste intensity</b>								
	<b>Municipal solid waste generation per capita</b>	<b>1.82 kg/day</b>	2014	L				0.9 kg/day
	<b>Recovery rate of municipal solid waste [National KPI]</b>	<b>23%</b> (recycled 15%; composted 8%)	2013	L			↑	75 %
	<b>Total solid waste generation per GDP</b>	<b>49.0 g/\$</b>	2012	L+I			→	
<b>E8. Land use sustainability</b>								
	<b>Agricultural productivity</b>	<b>11.6 t/ha</b>	2012	L			↓	
	<b>Value added of agricultural production</b>	<b>\$ 926.9/ha</b>	2012	L			↑	
	<b>Farming areas with modern irrigation</b>	<b>91%</b>	2011	L			↑	
	<b>Areas of organic farming</b>	<b>3,920 ha</b>	2013	L			↑	
<b>E9. Marine resource use sustainability</b>								
	<b>Total fish catches</b>	<b>72,728 t</b>	2012	L			↓	
	<b>Number of fingerlings raised and released</b>	<b>301,634</b>	2013	L			→	
	<b>Number of coral reef colonies installed</b>	<b>3,600</b>	2013	L			↑	
	<b>Number of Crimean trees planted</b>	<b>15,000</b>	2012	L			↑	
<b>E10. Consumer attitude &amp; behaviour</b>								
	<b>Environmentally aware citizens</b>	<b>60%</b> (Abu Dhabi)	2013	L			↑	
	<b>Citizens taking environmentally sound behaviour</b>	<b>68%</b> (Abu Dhabi)	2013	L			↑	
<b>Outputs (material and non-material well-</b>	<b>W1. Economic contributions from non-oil sectors</b>							
	<b>Non-oil GDP</b>	<b>67.3%</b> of total GDP	2013	L			→	
	<b>Non-oil real GDP growth [National</b>	<b>5.4%</b>	2013	L			↑	5%



being)	<i>KPI]</i>								
	<b>Non-hydrocarbon export</b>	<b>28.5%</b> of total export	2013	L			↗		
	<b>W2. Standard of living</b>								
	<b>GDP per capita</b>	<b>\$ 58,042</b> (PPP-based)	2012	I	8 <sup>th</sup> /173	3 <sup>rd</sup>	→		
	<b>Gross National Income (GNI) per capita [National KPI]</b>	<b>\$ 58,090</b> (PPP-based)	2012	I	11 <sup>th</sup> /213	3 <sup>rd</sup>	→	Am ong top 10 countries	
	<b>W3. Human development</b>								
	<b>Human Development Index [National KPI]</b>	<b>40<sup>th</sup></b> in the world	2013	I	40 <sup>th</sup> /187	3 <sup>rd</sup>	→	Am ong top 10 countries	
	<b>W4. Quality of life</b>								
	<b>World Happiness Index [National KPI]</b>	<b>14<sup>th</sup></b> in the world	2010-12	I	14 <sup>th</sup> /156	1 <sup>st</sup>	↗	Am ong top 5 countries	
	<b>W5. Environmental health</b>								
	<b>Environmental Performance Index</b>	<b>25<sup>th</sup></b> in the world	2014	I	25 <sup>th</sup> /178	1 <sup>st</sup>	↗		
	<b>Population weighted exposure to PM2.5</b>	<b>11.68 µg/m<sup>3</sup></b>	2012	I	168 <sup>th</sup> * /224	2 <sup>nd</sup> *	→		
	<b>Access to sewage treatment</b>	<b>67.1%</b>	2012	I	32 <sup>nd</sup> /146	2 <sup>nd</sup>			
	Policies	<b>P1. Environmental expenditure</b>							
<b>Budget of the Ministry of Environment and Water</b>		<b>AED 308.71 million</b> (\$ 84.1 million)	2014	L			→		
<b>P2. Environmental regulations</b>									
<b>Number of national environmental regulations</b>		<b>42</b>	2013	L			↗		
<b>P3. Fossil fuel subsidies</b>									
<b>Subsidisation rate per total cost of</b>	<b>65.0%</b>	2013	I	28 <sup>th</sup> * /37	1 <sup>st</sup> *	↘			



<b>supply</b>								
<b>Fossil fuel subsidies per capita</b>	<b>\$ 2,378</b>	2013	I	35 <sup>th</sup> * /37	3 <sup>rd</sup> *		↗	
<b>Fossil fuel subsidies per GDP</b>	<b>5.6%</b>	2013	I	24 <sup>th</sup> * /37	3 <sup>rd</sup> *		↗	
<b><i>P4. Nature conservation</i></b>								
<b>Terrestrial and marine protected areas</b>	<b>15,855 km<sup>2</sup></b> (35 designations; 12.5% of total land and sea areas)	2014	L				↗	
<b><i>P5. Environmental standards</i></b>								
<b>Number of national environmental standards</b>	<b>27</b>	2014	L				↗	

Recent trend ↗: Improving →: Stable ↘: Deteriorating