

Istanbul Environment Friendly City Award

Application Form

For any information or clarification, please contact:

Julien.Letellier@un.org – copy: Irene.Cavoura@un.org

City Introduction and Context

City:

Country:

Date of submission:

Competent authority:

Contact person (Name, Last name, position, email, telephone, postal address):

The application should be signed by the mayor (or legal representative) or be accompanied with a mayoral declaration (letter).

Overview of the application: motivation and vision for the future (maximum 1 page).

Describe the main environmental problems faced by the city due to geographical, social and economic factors and what actions have been taken to face them (maximum 1 page).

Progress achieved in the city during the last 5-10 years in relation to environmental protection and sustainable development (please describe briefly the key achievements, in maximum ½ page).

Has an environmental award or other related distinction been received in the past (maximum ½ page)?

Please, complete:

Indicator	Value	Year of data
Population (Inhabitants)		
Total area (Km ²)		
Distance from the coast (Km)		
Population density (Inh./km ²)		
Coastline length (m)		
GDP (€/Capita)		

IMPORTANT:

You are kindly requested to verify the following assessment criteria, which are separated in four main categories. You should complete all the “mandatory” criteria while you are free to select the convenient “recommended” criteria. Please fill the relevant tables to justify your answer according to the given indicators. Provide a short description of measures, projects, initiatives and achievements, focusing on the last 5 years. Where appropriate, please provide available evidence of the measures taken (e.g. environmental certificates).

It is highly recommended to provide quantitative information/data for the mandatory criteria. That means that participants shall evaluate them and report the results in the Application Form, as much as possible. However, if the applicant city does not have the necessary data to populate the corresponding indicators, it is possible to provide short narrative texts with qualitative information in the “Evidence of the measures/progress achieved in the last 5 years” text box.

A. Nature and Biodiversity Protection

A.1 Climate Change

Criterion	A1.1 Greenhouse gas emissions reduction	
Type	Mandatory	
Indicator	Total amount of greenhouse gases in tons (equivalent carbon dioxide units) generated over a calendar year divided by the current city population	
Unit of measure	Tons CO2 eq. / inhabitant	
Actual value of the indicator (2018)	(value)	Tons CO2 eq. / inhabitant
Estimated value of the indicator in 2013	(value)	Tons CO2 eq. / inhabitant
Target value of the indicator for 2023	(value)	Tons CO2 eq. / inhabitant

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	A1.2 Resilience of natural systems and/or Urban resilience	
Type	Recommended	
Indicator	Measures to enhance or maintain the resilience of natural systems (against climate change impacts and/or measures to improve the urban resilience to natural and human induced risks based on prevention, preparedness and response	
Unit of measure	Qualitative	

Evidence of the measures/progress achieved in the last 5 years.

(text)

A.2 Ecosystem protection

Criterion	A2.1 Protection of coastal and marine ecosystems, including protected areas
Type	Mandatory
Indicator	Measures to protect coastal and marine ecosystems, incl. by establishing and managing marine and coastal protected areas
Unit of measure	Qualitative
Evidence of the measures/progress achieved in the last 5 years.	
(text)	

A.3 Sustainable-use of resources

Criterion	A3.1 Efficiency in water use	
Type	Recommended	
Indicator	Volume of water supplied minus the volume of utilized water divided by the total volume of water supplied.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	A3.2 Use of marine and coastal resources
Type	Mandatory
Indicator	Use of marine, coastal and land-based resources
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

B. Built Environment

B.1 Resilient coast

Criterion	B1.1 Flood management and coastal protection measures
Type	Mandatory
Indicator	Existence of flood management and coastal protection measures, including nature-based solutions
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	B1.2 Setback zone
Type	Recommended
Indicator	Area of built-up land in the setback zone/total area of 100m setback zone
Unit of measure	m2/m2
Actual value of the indicator (2018)	(value) %
Estimated value of the indicator in 2013	(value) %
Target value of the indicator for 2023	(value) %

Evidence of the measures/progress achieved in the last 5 years.

(text)

B.2 Sustainable land use

Criterion	B2.1 Urban compactness	
Type	Mandatory	
Indicator	Built-up land area per inhabitant	
Unit of measure	m2/inhabitant	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B2.2 Conservation of land	
Type	Recommended	
Indicator	Area of undeveloped land with ecological or agricultural value / area of the city	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B2.3 Permeability of land	
Type	Recommended	
Indicator	Area of permeable surfaces on total city area.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

B.3 Local transport

Criterion	B3.1 Availability of [high capacity] public transport systems	
Type	Mandatory	
Indicator	Sum of the kilometers of [high capacity] public transport systems operating within the city divided by one 100,000th of the city's total population.	
Unit of measure	Km/100.000 inhabitants	
Actual value of the indicator (2018)	(value)	Km/100.000 inhabitants
Estimated value of the indicator in 2013	(value)	Km/100.000 inhabitants
Target value of the indicator for 2023	(value)	Km/100.000 inhabitants
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B3.2 Number of personal automobiles per capita	
Type	Recommended	
Indicator	Total number of registered personal automobiles in a city divided by the total city population.	
Unit of measure	n/inhabitant	
Actual value of the indicator (2018)	(value)	n/inhabitant
Estimated value of the indicator in 2013	(value)	n/inhabitant
Target value of the indicator for 2023	(value)	n/inhabitant
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B3.3 Extent and connectivity of bicycle paths	
Type	Recommended	
Indicator	Aggregate length of bicycle paths in the city per 100,000 residents.	
Unit of measure	Km/100.000 inhabitants	
Actual value of the indicator (2018)	(value)	Km/100.000 inhabitants
Estimated value of the indicator in 2013	(value)	Km/100.000 inhabitants
Target value of the indicator for 2023	(value)	Km/100.000 inhabitants
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

B.4 Pollution and waste

Criterion	B4.1 Municipal solid waste collection	
Type	Mandatory	
Indicator	Total municipal solid waste produced in the municipality per person.	
Unit of measure	Tons/inhabitant	
Actual value of the indicator (2018)	(value)	Tons/inhabitant
Estimated value of the indicator in 2013	(value)	Tons/inhabitant
Target value of the indicator for 2023	(value)	Tons/inhabitant
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B4.2 Solid Waste Recycling	
Type	Recommended	
Indicator	Total amount of the city's solid waste that is recycled in tons divided by the total amount of solid waste produced in the city in tons.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B4.3 Water treatment	
Type	Mandatory	
Indicator	Total amount of the city's wastewater that has undergone a primary treatment divided by the total amount of wastewater produced in the city and collected.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B4.4 Fine particulate matter (PM2.5) concentration	
Type	Recommended	
Indicator	Annual mean concentration of PM2,5	
Unit of measure	mg/m3	
Actual value of the indicator (2018)	(value)	mg/m3
Estimated value of the indicator in 2013	(value)	mg/m3
Target value of the indicator for 2023	(value)	mg/m3
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B4.5 Particulate matter (PM10) concentration	
Type	Recommended	
Indicator	Annual mean concentration of PM10	
Unit of measure	mg/m3	
Actual value of the indicator (2018)	(value)	mg/m3
Estimated value of the indicator in 2013	(value)	mg/m3
Target value of the indicator for 2023	(value)	mg/m3
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B4.6 Industrial solid waste reduction	
Type	Recommended	
Indicator	Annual industrial solid waste reduction by the manufacturing industry	
Unit of measure	Tons/year	
Actual value of the indicator (2018)	(value)	Tons/year
Estimated value of the indicator in 2013	(value)	Tons/year
Target value of the indicator for 2023	(value)	Tons/year
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

B.5 Water

Criterion	B5.1 Total water consumption	
Type	Mandatory	
Indicator	Total amount of the city's water consumption in liters per day divided by the total city population.	
Unit of measure	liters/day/person	
Actual value of the indicator (2018)	(value)	liters/day/person
Estimated value of the indicator in 2013	(value)	liters/day/person
Target value of the indicator for 2023	(value)	liters/day/person
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

B.6 Energy

Criterion	B6.1 Thermal energy consumed by residential buildings	
Type	Recommended	
Indicator	Total final thermal energy consumption for residential buildings operations in kilowatt hours divided by the total population of the city	
Unit of measure	kWh/inhabitant/year	
Actual value of the indicator (2018)	(value)	kWh/inhabitant/year
Estimated value of the indicator in 2013	(value)	kWh/inhabitant/year
Target value of the indicator for 2023	(value)	kWh/inhabitant/year
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B6.2 Electrical energy consumed by residential buildings	
Type	Mandatory	
Indicator	Total final electric energy consumption for residential buildings operations in kilowatt hours divided by the total population of the city	
Unit of measure	kWh/inhabitant/year	
Actual value of the indicator (2018)	(value)	kWh/inhabitant/year
Estimated value of the indicator in 2013	(value)	kWh/inhabitant/year
Target value of the indicator for 2023	(value)	kWh/inhabitant/year
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B6.3 Share of renewable energy relative to city's total electric energy consumption	
Type	Recommended	
Indicator	Total consumption of electricity generated from renewable sources divided by city's total electric energy consumption	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

B.7 Green settlements, building materials and technological systems

Criterion	B7.1 Green urban areas	
Type	Recommended	
Indicator	Proportion of all vegetated areas within the city boundaries in relation to the total area	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	h/100.000 inh
Estimated value of the indicator in 2013	(value)	h/100.000 inh
Target value of the indicator for 2023	(value)	h/100.000 inh
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	B7.2 Green areas in relation to the city population	
Type	Mandatory	
Indicator	Total area of green in the city divided by one 100 000th of the city's total population.	
Unit of measure	h/100.000 inhabitants	
Actual value of the indicator (2018)	(value)	h/100.000 inh
Estimated value of the indicator in 2013	(value)	h/100.000 inh
Target value of the indicator for 2023	(value)	h/100.000 inh
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	A7.3 Green roofs	
Type	Recommended	
Indicator	Aggregate area of building roofs covered with vegetated material divided by the total city's roofs area	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		



Criterion	B7.4 Improvement of the building stock
Type	Recommended
Indicator	Measures for the construction of green buildings or retrofit of existing buildings.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)



C. Social, Economic and Cultural Sustainability

C.1 Integration and solidarity

Criterion	C1.1 Mixed income neighborhoods
Type	Recommended
Indicator	Measures to promote mixed income neighborhoods.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

C.2 Local cultural values and traditions

Criterion	C2.1 Historical buildings preservation
Type	Recommended
Indicator	Efforts/budget allocation for renovation/retrofitting/rehabilitation of historical buildings and settlements (e.g. projects of rehabilitation of historic centers).
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

C.3 Promoting Green Economy

Criterion	C3.1 Eco-innovation, sustainable employment and green jobs
Type	Recommended
Indicator	Measures to support eco-innovation, sustainable employment and green jobs.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	C3.2 Women entrepreneurship
Type	Recommended
Indicator	Measures to promote women entrepreneurship.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

C.4 Labour force

Criterion	C4.1 City's unemployment rate	
Type	Mandatory	
Indicator	Number of working-age city residents who are not in paid employment or self-employment, but available for work, and seeking work divided by the total labour force.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	C4.2 Population living in poverty	
Type	Mandatory	
Indicator	Number of people living below the poverty threshold divided by the total current population of the city.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.5 Economic performance

Criterion	C5.1 GDP per capita	
Type	Mandatory	
Indicator	GDP per inhabitant.	
Unit of measure	Euro/inhabitant	
Actual value of the indicator (2018)	(value)	Euro/inhabitant
Estimated value of the indicator in 2013	(value)	Euro/inhabitant
Target value of the indicator for 2023	(value)	Euro/inhabitant
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	C5.2 GDP energy intensity	
Type	Recommended	
Indicator	Total primary energy consumption divided by GDP.	
Unit of measure	MJ/euro	
Actual value of the indicator (2018)	(value)	MJ/euro
Estimated value of the indicator in 2013	(value)	MJ/euro
Target value of the indicator for 2023	(value)	MJ/euro
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	C5.3 GDP carbon intensity	
Type	Recommended	
Indicator	City's total Co2 eq. Emissions divided by GDP.	
Unit of measure	Kg CO2/euro	
Actual value of the indicator (2018)	(value)	Kg CO2/euro
Estimated value of the indicator in 2013	(value)	Kg CO2/euro
Target value of the indicator for 2023	(value)	Kg CO2/euro
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.6 Global appeal

Criterion	C6.1 Visitors	
Type	Recommended	
Indicator	Number of visitors from abroad and domestically.	
Unit of measure	n/1000 inhabitants	
Actual value of the indicator (2018)	(value)	n/1000 inhabitants
Estimated value of the indicator in 2013	(value)	n/1000 inhabitants
Target value of the indicator for 2023	(value)	n/1000 inhabitants
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.7 Safety

Criterion	C7.1 Number of firefighters per 100 000 population	
Type	Recommended	
Indicator	Total number of paid full-time firefighters divided by one 100 000th of the city population.	
Unit of measure	n/100.000 inhabitants	
Actual value of the indicator (2018)	(value)	n/100.000 inhabitants
Estimated value of the indicator in 2013	(value)	n/100.000 inhabitants
Target value of the indicator for 2023	(value)	n/100.000 inhabitants
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.8 Education

Criterion	C8.1 Female school-aged population	
Type	Mandatory	
Indicator	Number of female school- aged population enrolled at primary and secondary levels in public and private schools divided by the total number of female school-aged population.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	C8.2 Students completing secondary education	
Type	Mandatory	
Indicator	Total number of students belonging to a school-cohort who complete the final grade of secondary education divided by the total number of students belonging to a school-cohort.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.9 Health

Criterion	C9.1 Accessibility to in-patient hospital beds	
Type	Mandatory	
Indicator	Total number of in-patient public and private hospital beds divided by one 100 000th of the city's total population.	
Unit of measure	n/100.000 inhabitants	
Actual value of the indicator (2018)	(value)	n/100.000 inhabitants
Estimated value of the indicator in 2013	(value)	n/100.000 inhabitants
Target value of the indicator for 2023	(value)	n/100.000 inhabitants
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

C.10 Shelter

Criterion	C10.1 City population living in slums	
Type	Mandatory	
Indicator	Number of people living in slums divided by the city population.	
Unit of measure		%
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

D. Policy and Governance

D.1 Policy

Criterion	D1.1 Environmental policies, strategies and actions plans for sustainability, including climate change mitigation and adaptation strategy
Type	Mandatory
Indicator	Existence (with allocated budget) of environmental policy, strategies and action plans for sustainability, incl. climate change mitigation and adaptation strategy.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

D.2 Planning and management

Criterion	D2.1 Strategies for sustainable mobility
Type	Mandatory
Indicator	Adoption of strategies for sustainable mobility (with budget allocation) (e.g. integrated public transport systems; promotion of public transport, bicycles)
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	D2.2 Pollution prevention action plans
Type	Mandatory
Indicator	Adoption of pollution prevention action plans for water, waste, air, noise (with budget allocation).
Unit of measure	Qualitative
Evidence of the measures/progress achieved in the last 5 years.	
(text)	

Criterion	D2.3 Coastal management plans
Type	Mandatory
Indicator	Adoption of coastal management plans (with budget allocation).
Unit of measure	Qualitative
Evidence of the measures/progress achieved in the last 5 years.	
(text)	

D.3 Institution

Criterion	D3.1 Women elected	
Type	Mandatory	
Indicator	Number of elected city-level positions held by women divided by the total number of elected city-level positions.	
Unit of measure	%	
Actual value of the indicator (2018)	(value)	%
Estimated value of the indicator in 2013	(value)	%
Target value of the indicator for 2023	(value)	%
Evidence of the measures/progress achieved in the last 5 years.		
(text)		
Criterion	D3.2 Community involvement in urban planning activities	
Type	Mandatory	
Indicator	Level of involvement of users in urban planning.	
Unit of measure	Index	
Actual value of the indicator (2018)	(value)	Index
Estimated value of the indicator in 2013	(value)	Index
Target value of the indicator for 2023	(value)	Index
Evidence of the measures/progress achieved in the last 5 years.		
(text)		

Criterion	D3.3 Participation in decision-making (empowered society), incl. partnerships with NGOs and other stakeholders
Type	Recommended
Indicator	Existence of participatory processes in decision-making (empowered society), incl. partnerships with NGOs and other stakeholders
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

D.4 Implementation and monitoring

Criterion	D4.1 Integrated Coastal Zone Management (ICZM) implementation practices
Type	Mandatory
Indicator	Existence of ICZM implementation practices.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	D4.2 Monitoring system
Type	Mandatory
Indicator	Definition and adoption of a monitoring system (e.g. dashboard of sustainability, urban observatory of the environment and sustainable development)
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	D4.3 Green procurement
Type	Mandatory
Indicator	Use of green procurement procedures.
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

D.5 Communication and Outreach

Criterion	D5.1 Public awareness
Type	Mandatory
Indicator	Campaigns to raise the public awareness on sustainability/environment (with budget allocation).
Unit of measure	Qualitative

Evidence of the measures/progress achieved in the last 5 years.

(text)

Criterion	D5.2 International cooperation and networks
Type	Recommended
Indicator	Participation in international cooperation and networks.
Unit of measure	Qualitative
Evidence of the measures/progress achieved in the last 5 years.	

(text)
