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

<table>
<thead>
<tr>
<th>City:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Date of submission:</td>
<td></td>
</tr>
</tbody>
</table>

| 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:

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
<th>Year of data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population (Inhabitants)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total area (Km²)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distance from the coast (Km)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population density (Inh./km²)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coastline length (m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GDP (€/Capita)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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

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

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

(text)

<table>
<thead>
<tr>
<th>Criterion</th>
<th>A1.2 Resilience of natural systems and/or Urban resilience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>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</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
### A.2 Ecosystem protection

<table>
<thead>
<tr>
<th>Criterion</th>
<th>A2.1 Protection of coastal and marine ecosystems, including protected areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Measures to protect coastal and marine ecosystems, incl. by establishing and managing marine and coastal protected areas</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)

### A.3 Sustainable-use of resources

<table>
<thead>
<tr>
<th>Criterion</th>
<th>A3.1 Efficiency in water use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Volume of water supplied minus the volume of utilized water divided by the total volume of water supplied.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th><strong>Criterion</strong></th>
<th>A3.2 Use of marine and coastal resources</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Use of marine, coastal and land-based resources</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
## B. Built Environment

### B.1 Resilient coast

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B1.1 Flood management and coastal protection measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Existence of flood management and coastal protection measures, including nature-based solutions</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B1.2 Setback zone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Recommended</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Area of built-up land in the setback zone/total area of 100m setback zone</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>m²/m²</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Actual value of the indicator (2018)</th>
<th>(value)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value)</td>
<td>%</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value)</td>
<td>%</td>
</tr>
</tbody>
</table>

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

(text)
## B.2 Sustainable land use

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B2.1 Urban compactness</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Built-up land area per inhabitant</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>m²/inhabitant</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
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**Evidence of the measures/progress achieved in the last 5 years.**

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<table>
<thead>
<tr>
<th>Criterion</th>
<th>B2.2 Conservation of land</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Recommended</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Area of undeveloped land with ecological or agricultural value / area of the city</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
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<td>Estimated value of the indicator in 2013</td>
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(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th>B2.3 Permeability of land</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Recommended</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Area of permeable surfaces on total city area.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
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</table>

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

(text)
### B.3 Local transport

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B3.1 Availability of [high capacity] public transport systems</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>Km/100.000 inhabitants</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Km/100.000 inhabitants</td>
</tr>
<tr>
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</table>

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

(text)

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B3.2 Number of personal automobiles per capita</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Recommended</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Total number of registered personal automobiles in a city divided by the total city population.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>n/inhabitant</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) n/inhabitant</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) n/inhabitant</td>
</tr>
<tr>
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<td>(value) n/inhabitant</td>
</tr>
</tbody>
</table>

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

(text)
### B3.3 Extent and connectivity of bicycle paths

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B3.3 Extent and connectivity of bicycle paths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Aggregate length of bicycle paths in the city per 100,000 residents.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Km/100,000 inhabitants</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Km/100,000 inhabitants</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) Km/100,000 inhabitants</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) Km/100,000 inhabitants</td>
</tr>
</tbody>
</table>

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

(text)

### B.4 Pollution and waste

#### B4.1 Municipal solid waste collection

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B4.1 Municipal solid waste collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Total municipal solid waste produced in the municipality per person.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Tons/inhabitant</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Tons/inhabitant</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) Tons/inhabitant</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) Tons/inhabitant</td>
</tr>
</tbody>
</table>

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

(text)
### B4.2 Solid Waste Recycling

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>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.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)

### B4.3 Water treatment

<table>
<thead>
<tr>
<th>Type</th>
<th>Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>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.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
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<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)
### B4.4 Fine particulate matter (PM2.5) concentration

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>Annual mean concentration of PM2.5</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>mg/m³</td>
</tr>
<tr>
<td>Actual value</td>
<td>(value) mg/m³</td>
</tr>
<tr>
<td>Estimated value</td>
<td>(value) mg/m³</td>
</tr>
<tr>
<td>Target value</td>
<td>(value) mg/m³</td>
</tr>
</tbody>
</table>

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

(text)

### B4.5 Particulate matter (PM10) concentration

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>Annual mean concentration of PM10</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>mg/m³</td>
</tr>
<tr>
<td>Actual value</td>
<td>(value) mg/m³</td>
</tr>
<tr>
<td>Estimated value</td>
<td>(value) mg/m³</td>
</tr>
<tr>
<td>Target value</td>
<td>(value) mg/m³</td>
</tr>
</tbody>
</table>

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

(text)
### B4.6 Industrial solid waste reduction

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B4.6 Industrial solid waste reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Annual industrial solid waste reduction by the manufacturing industry</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Tons/year</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Tons/year</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) Tons/year</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) Tons/year</td>
</tr>
</tbody>
</table>

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

*(text)*

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### B.5 Water

<table>
<thead>
<tr>
<th>Criterion</th>
<th>B5.1 Total water consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Total amount of the city's water consumption in liters per day divided by the total city population.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>liters/day/person</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) liters/day/person</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) liters/day/person</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) liters/day/person</td>
</tr>
</tbody>
</table>

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

*(text)*
### B.6 Energy

#### B6.1 Thermal energy consumed by residential buildings

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indicator</strong></td>
<td>Total final thermal energy consumption for residential buildings operations in kilowatt hours divided by the total population of the city</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>kWh/inhabitant/year</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) kWh/inhabitant/year</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) kWh/inhabitant/year</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) kWh/inhabitant/year</td>
</tr>
</tbody>
</table>

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

(text)

#### B6.2 Electrical energy consumed by residential buildings

<table>
<thead>
<tr>
<th>Type</th>
<th>Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Indicator</strong></td>
<td>Total final electric energy consumption for residential buildings operations in kilowatt hours divided by the total population of the city</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>kWh/inhabitant/year</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) kWh/inhabitant/year</td>
</tr>
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<td>Estimated value of the indicator in 2013</td>
<td>(value) kWh/inhabitant/year</td>
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<td>(value) kWh/inhabitant/year</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th><strong>B6.3 Share of renewable energy relative to city’s total electric energy consumption</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Total consumption of electricity generated from renewable sources divided by city’s total electric energy consumption</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
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<td>(value) %</td>
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</tbody>
</table>

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

(text)

**B.7 Green settlements, building materials and technological systems**

<table>
<thead>
<tr>
<th>Criterion</th>
<th><strong>B7.1 Green urban areas</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Proportion of all vegetated areas within the city boundaries in relation to the total area</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) h/100.000 inh</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) h/100.000 inh</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) h/100.000 inh</td>
</tr>
</tbody>
</table>

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

(text)
### B7.2 Green areas in relation to the city population

<table>
<thead>
<tr>
<th>Type</th>
<th>Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>Total area of green in the city divided by one 100,000th of the city's total population.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>h/100,000 inhabitants</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) h/100,000 inh</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) h/100,000 inh</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) h/100,000 inh</td>
</tr>
</tbody>
</table>

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

(text)

### A7.3 Green roofs

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>Aggregate area of building roofs covered with vegetated material divided by the total city's roofs area</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th>B7.4 Improvement of the building stock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Measures for the construction of green buildings or retrofit of existing buildings.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
### C. Social, Economic and Cultural Sustainability

#### C.1 Integration and solidarity

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C1.1 Mixed income neighborhoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Measures to promote mixed income neighborhoods.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)

#### C.2 Local cultural values and traditions

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

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

(text)
### C.3 Promoting Green Economy

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C3.1 Eco-innovation, sustainable employment and green jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Measures to support eco-innovation, sustainable employment and green jobs.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(\text)

### C.3.2 Women entrepreneurship

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C3.2 Women entrepreneurship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Measures to promote women entrepreneurship.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(\text)
### C.4 Labour force

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C4.1 City's unemployment rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>%</td>
</tr>
<tr>
<td><strong>Actual value of the indicator (2018)</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Estimated value of the indicator in 2013</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Target value of the indicator for 2023</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Evidence of the measures/progress achieved in the last 5 years.</strong></td>
<td>(text)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C4.2 Population living in poverty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Number of people living below the poverty threshold divided by the total current population of the city.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>%</td>
</tr>
<tr>
<td><strong>Actual value of the indicator (2018)</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Estimated value of the indicator in 2013</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Target value of the indicator for 2023</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Evidence of the measures/progress achieved in the last 5 years.</strong></td>
<td>(text)</td>
</tr>
</tbody>
</table>
### C.5 Economic performance

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C5.1 GDP per capita</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>GDP per inhabitant.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Euro/inhabitant</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Euro/inhabitant</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) Euro/inhabitant</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) Euro/inhabitant</td>
</tr>
</tbody>
</table>

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

(text)

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C5.2 GDP energy intensity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Total primary energy consumption divided by GDP.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>MJ/euro</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) MJ/euro</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) MJ/euro</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) MJ/euro</td>
</tr>
</tbody>
</table>

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

(text)
### C5.3 GDP carbon intensity

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C5.3 GDP carbon intensity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>City's total Co2 eq. Emissions divided by GDP.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Kg CO2/euro</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) Kg CO2/euro</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) Kg CO2/euro</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) Kg CO2/euro</td>
</tr>
</tbody>
</table>

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

(text)

### C6.1 Visitors

<table>
<thead>
<tr>
<th>Criterion</th>
<th>C6.1 Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Number of visitors from abroad and domestically.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>n/1000 inhabitants</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) n/1000 inhabitants</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) n/1000 inhabitants</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) n/1000 inhabitants</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>Total number of paid full-time firefighters divided by one 100 000th of the city population.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>n/100.000 inhabitants</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) n/100.000 inhabitants</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) n/100.000 inhabitants</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) n/100.000 inhabitants</td>
</tr>
</tbody>
</table>

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

(text)

### C.8 Education

**Criterion**  
**C8.1 Female school-aged population**

<table>
<thead>
<tr>
<th>Type</th>
<th>Mandatory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicator</td>
<td>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.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th>C8.2 Students completing secondary education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>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.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>%</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
<td>(value) %</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
<td>(value) %</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
<td>(value) %</td>
</tr>
<tr>
<td>Evidence of the measures/progress achieved in the last 5 years.</td>
<td>(text)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C.9 Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criterion</td>
</tr>
<tr>
<td>Type</td>
</tr>
<tr>
<td>Indicator</td>
</tr>
<tr>
<td>Unit of measure</td>
</tr>
<tr>
<td>Actual value of the indicator (2018)</td>
</tr>
<tr>
<td>Estimated value of the indicator in 2013</td>
</tr>
<tr>
<td>Target value of the indicator for 2023</td>
</tr>
<tr>
<td>Evidence of the measures/progress achieved in the last 5 years.</td>
</tr>
<tr>
<td><strong>C.10 Shelter</strong></td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td><strong>Criterion</strong></td>
</tr>
<tr>
<td><strong>Type</strong></td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
</tr>
<tr>
<td><strong>Actual value of the indicator (2018)</strong></td>
</tr>
<tr>
<td><strong>Estimated value of the indicator in 2013</strong></td>
</tr>
<tr>
<td><strong>Target value of the indicator for 2023</strong></td>
</tr>
</tbody>
</table>

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

(text)
## D. Policy and Governance

### D.1 Policy

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

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

(text)

---

## D.2 Planning and management

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D2.1 Strategies for sustainable mobility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Adoption of strategies for sustainable mobility (with budget allocation) (e.g. integrated public transport systems; promotion of public transport, bicycles)</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th><strong>D2.2 Pollution prevention action plans</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Adoption of pollution prevention action plans for water, waste, air, noise (with budget allocation).</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Criterion</th>
<th><strong>D2.3 Coastal management plans</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Adoption of coastal management plans (with budget allocation).</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>
### D.3 Institution

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D3.1 Women elected</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Number of elected city-level positions held by women divided by the total number of elected city-level positions.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>%</td>
</tr>
<tr>
<td><strong>Actual value of the indicator (2018)</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Estimated value of the indicator in 2013</strong></td>
<td>(value) %</td>
</tr>
<tr>
<td><strong>Target value of the indicator for 2023</strong></td>
<td>(value) %</td>
</tr>
</tbody>
</table>

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

(text)

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D3.2 Community involvement in urban planning activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mandatory</td>
</tr>
<tr>
<td><strong>Indicator</strong></td>
<td>Level of involvement of users in urban planning.</td>
</tr>
<tr>
<td><strong>Unit of measure</strong></td>
<td>Index</td>
</tr>
<tr>
<td><strong>Actual value of the indicator (2018)</strong></td>
<td>(value) Index</td>
</tr>
<tr>
<td><strong>Estimated value of the indicator in 2013</strong></td>
<td>(value) Index</td>
</tr>
<tr>
<td><strong>Target value of the indicator for 2023</strong></td>
<td>(value) Index</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th>D3.3 Participation in decision-making (empowered society), incl. partnerships with NGOs and other stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Existence of participatory processes in decision-making (empowered society), incl. partnerships with NGOs and other stakeholders</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
D.4 Implementation and monitoring

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D4.1 Integrated Coastal Zone Management (ICZM) implementation practices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Existence of ICZM implementation practices.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)

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<table>
<thead>
<tr>
<th>Criterion</th>
<th>D4.2 Monitoring system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Definition and adoption of a monitoring system (e.g. dashboard of sustainability, urban observatory of the environment and sustainable development)</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
### D4.3 Green procurement

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D4.3 Green procurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Use of green procurement procedures.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)

### D.5 Communication and Outreach

#### D5.1 Public awareness

<table>
<thead>
<tr>
<th>Criterion</th>
<th>D5.1 Public awareness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Mandatory</td>
</tr>
<tr>
<td>Indicator</td>
<td>Campaigns to raise the public awareness on sustainability/environment (with budget allocation).</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)
<table>
<thead>
<tr>
<th>Criterion</th>
<th>D5.2 International cooperation and networks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Recommended</td>
</tr>
<tr>
<td>Indicator</td>
<td>Participation in international cooperation and networks.</td>
</tr>
<tr>
<td>Unit of measure</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

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

(text)