



Istanbul Environment Friendly City Award

Application Form

Implemented by the UNEP/MAP – Barcelona Convention Secretariat as a Flagship Initiative of the Mediterranean Strategy for Sustainable Development (MSSD), the Istanbul Environment Friendly City Award is financially supported by the Government of Türkiye through a voluntary contribution to the UNEP/MAP Programme of Work and Budget.

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City Introduction and Context

Local authority/City:

Country:

Date of submission:

Competent authority:
Contact person (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 (max. 500 words)

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 (max. 500 words).

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, max 500 words).

Please report on a success story/ies (best practice/s) that your city would like to highlight (max. 500 words)

Has an environmental award or other related distinction been received in the past (max. 200 words)?

In relation to the following thematic fields, C(management, regulations, plans, etc.) fall within the competence of the municipality and which ones into the competence of other governmental levels or public authorities/agencies:

Climate change (max 1,000 characters):

Ecosystems protection (max 1,000 characters):

Energy (max 1,000 characters):

Water (max 1,000 characters):

Solid waste (max 1,000 characters):

Mobility (max 1,000 characters):

Please complete the following table:

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



A. Nature and Biodiversity Protection

A1 – Climate Change Mitigation

A2 – Climate Change Adaptation

A3 – Ecosystems protection

A1 – Climate Change Mitigation

A1.A – Approach to the issue

Question	Yes	No
Does the municipality have a climate change mitigation plan or strategy?		
Has the municipality implemented a monitoring system for greenhouse gas emissions to keep data regularly updated?		

If the city has a climate change mitigation action plan or strategy:

Question	Yes	No
Does the action plan/strategy include short and long-term mitigation objectives?		
Does the action plan/strategy include measures with timing to reach the emissions' reduction targets?		
Is the action plan/strategy linked with other policy fields, strategies, plans or projects, such as urban planning, energy, mobility, air quality?		

A1.B – Description of the present situation

Max. 3,000 characters

Provide information on the present situation concerning the level of greenhouse gases emissions. Mention the targets adopted by the municipality (e.g., carbon neutral municipality by 2030) and the actions in progress to reach them. Mention action plans and/or strategies in place and their level of implementation. Describe good practices and front runner projects to reduce the city's greenhouse gases emissions. Mention any relevant constraint resulting from historical, geographical, social and economic factors that is influencing this macro-indicator.

Please complete the following table providing the most recent data

Code	Criterion	Indicator	Value	Unit of measure	Year of data
A1.1	Greenhouse gas emissions	Total amount of greenhouse gases in tonnes (equivalent carbon dioxide units) generated over a calendar year divided by the current city population		Tons CO ₂ eq/inhabitant	



A1.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures implemented over the last five to ten years to reduce greenhouse gas emissions and the resources allocated to implement these measures. Comment on which measures have been most effective and how their impacts have been monitored. In particular, refer to:

- *mitigation strategies and/or action plans adopted and/or implemented*
- *climate protection measures implemented in key areas such as energy efficiency in buildings, mobility, and waste management*
- *policy instruments and initiatives adopted to promote the reduction of greenhouse gas emissions (e.g., funding programs and financing schemes, regulations, requirements in building codes, partnerships, awareness raising campaigns)*

Describe how the municipality collaborated with governmental bodies, service providers, enterprises and citizens.

A1.D – Plans for the next period

Max. 3,000 characters

Provide information about the future short and long-term mitigation objectives and proposed approaches to reach them. Describe planned actions and measures, including timescales and necessary resources. Indicate to what extent plans are supported by formal commitments, available budget, staff allocations, monitoring and performance evaluation schemes.

Refer to any long-term strategy employed and how it is integrated with other environmental areas, in particular with biodiversity and climate adaptation.

A1.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

A2 – Climate Change Adaptation

A2.A – Approach to the issue

Question	Yes	No
Did the municipality undertake a vulnerability study to assess the level of risk in relation to climatic hazards?		
Did the municipality develop a plan for flood prevention / management and to improve the resilience of the coastal protection infrastructures?		
Has the municipality defined a set-back line (for future sea level rise and coastal erosion)?		
Does the municipality have a climate change adaptation plan?		

If the municipality has a climate change adaptation plan:

Question	Yes	No
Does the plan include short and long-term objectives?		
Does the plan specify the actions to reach the adaptation objectives?		
Does the plan specify timing and resources (e.g., budget) for the implementation of adaptation actions?		
Does the adaptation plan include a monitoring system to verify the impact of adaptation actions?		

A2.B – Description of the present situation

Max. 3,000 characters

Provide information about the present level of implementation of climate change adaptation measures in the city.

Make reference to:

- *status of climate change adaptation strategies and plans (e.g., under development, approved, implemented and monitored)*
- *monitoring systems to evaluate the impact of the actions implemented and the progress achieved*
- *how has the municipality organized and shared the responsibility for adaptation in the administration, established collaboration between different departments and raised their capacity to act*
- *how the municipality involves stakeholders and citizens in the implementation of adaptation measures*
- *awareness raising campaign addressed to citizens*
- *actions/strategies implemented to manage the risk of floods*
- *good practices of adaptation measures and front runner projects.*



A2.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information about:

- *the city's situation about climate change adaptation five to ten years ago*
- *how the adaptation actions/measures evolved over time to reach the present situation*
- *what have been the main issues faced by the city and how these were overcome*
- *what are the most significant adaptation measures implemented and the results achieved*

A2.D – Plans for the next period

Max. 3,000 characters

Provide information about the future short- and long-term objectives and proposed approach for improving the adaptation to climate change. Describe planned measures, including timescales and allocated budget, innovative financing schemes. Indicate to what extent plans are supported by commitments, budget, and staff allocations. Describe the future monitoring and performance evaluation schemes that will be implemented. Illustrate the approach concerning the future potential sea level rise and coastal erosion.

A2.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

A3 – Ecosystems protection

A3.A – Approach to the issue

Question	Yes	No
Does the municipality have access to background knowledge about the status of biodiversity in the city? (e.g., maps/studies on endangered species, protected and non-protected areas, habitats)		
Has the municipality defined objectives and actions to improve and increase its green infrastructures?		
Did the municipality recognize the concept of "ecosystem services", acknowledging the importance of urban ecosystems (such as parks, water bodies) for delivering societal benefits?		
Did the municipality organise awareness raising initiatives towards citizens and visitors about nature and biodiversity in the city?		
Does the municipality have a specific nature and biodiversity policy, strategy or action plan, with measurable objectives?		

If the municipality has a specific nature and biodiversity policy, strategy or action plan:

Question	Yes	No
Does the plan identify roles and responsibilities for city stakeholders?		
Is a specific budget set aside for the protection of nature and biodiversity?		
Does the plan include the concept of 'ecological corridors' or connected green areas for wildlife across the city?		
Does the plan include medium- or long- term targets for nature and biodiversity in the city?		
Did the city implement a system to monitor the progress of the plan and the results achieved?		

A3.B – Description of the present situation

Max. 3,000 characters

Provide information about how nature and biodiversity is protected and managed in the city. Make reference to:

- *current strategies, plans and projects for the management of ecological networks, green areas, and endangered species*
- *monitoring programs to verify the status of nature and biodiversity in the city*
- *how the city's involves residents, visitors, and institutions in actions for nature*
- *examples of good practices and front runner projects implemented.*



Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
A3.1	Connectivity measures for natural areas	Amount of natural connected areas in the city divided by the total amount of natural areas in the city		%	

A3.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information about the measures implemented by the municipality to protect and improve nature and biodiversity over the last five to ten years and the results achieved. Indicate changes in the extent of protected sites and ecological areas. Provide information about conservation actions to manage and restore sites and habitats, and redress species, including any measures introduced to control invasive/non-indigenous species.

Describe communication and educational activities to promote awareness of nature and biodiversity among the citizens.

A3.D – Plans for the next period

Max. 3,000 characters

Provide information about the city's short and long-term targets for nature and biodiversity and the proposed actions to reach them. Specify planned measures and indicate how these are supported by strategic and policy commitments, budget allocations, resource allocations. Describe participatory approaches, and monitoring and performance evaluation schemes.

A3.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.



B. Built Environment

B1 – Sustainable land use and green areas

B2 – Sustainable mobility

B3 – Air pollution

B4 – Solid waste

B5 – Water

B6 – Energy

B1 - Sustainable land use and green areas

B1.A – Approach to the issue

Question	Yes	No
Does the municipality have a spatial planning policy specifically aimed at preserving and adapting open spaces and green areas to improve quality of life of citizens?		
Does the municipality have a detailed map of land-use types for the city?		
Does the municipality monitor changes of total area of green spaces in the city over time?		
Is the municipality promoting green areas?		
Has the municipality a specific policy aimed at restricting or minimizing urban sprawl and at optimizing population density?		
Does the municipality measure and monitor levels of urban sprawl in the city and the surrounding area?		
Does the municipality guarantee a free access of public to shores/beaches?		
Does the municipality promote and make accessible urban agricultural lands?		

B1.B – Present situation

Max. 3,000 characters

Provide information on how the use of land is managed and monitored in the city.

Make reference to:

- *strategies, plans and projects for the sustainable use of land*
- *examples of good practices and front runner projects implemented*
- *the level of accessibility to green urban areas and shores/beaches for all citizens*
- *availability and accessibility of urban agricultural lands for the production of local food*

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B1.1	Population density	City population in relation to the city's land area		Inhabitants per km ²	
B1.2	Availability of Green Urban Areas	Total amount of Green Urban Areas in the city's boundaries divided by the total area of the city		%	
B1.3	Green Urban Areas in relation to the city population	Total extension of Green Urban Areas in the city divided by city's total population		m ² /inhabitant	
B1.4	Distribution of Green Urban Areas	Total length of Green Urban Areas' boundaries (edges) divided by the city's urban area		m/ha	
B1.5	Accessibility of shores/beaches	Total area of shores/beaches in the city area that are accessible by inhabitants divided by the total area of shores/beaches in the city's urban area		%	



B1.6	Urban agricultural land	Total urban agricultural area used for food production located within city boundaries divided by one 1000th of the city's total population		ha/1000 inhabitants	
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B1.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures undertaken to increase green infrastructure.

Make reference to:

- *the measures undertaken to increase the quantity and quality of green infrastructures*
- *the investments or policies for promoting the use of green infrastructures (e.g., incentives, tax reductions, building permits, funding schemes for green roofs).*
- *planning of green urban areas through the participation of the public*
- *the availability and free accessibility of green areas and beaches/shores by citizens and visitors.*

B1.D – Plans for the next period

Max. 3,000 characters

Provide information about the city's short and long-term targets for sustainable land use. Specify planned measures and indicate how these are supported by strategic and policy commitments, budget allocations, resource allocations. Describe the use of participatory approaches. Provide information about monitoring and performance evaluation schemes that will be put in place to measure the progresses achieved.

B1.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

B2 - Sustainable mobility

B2.A – Approach of the city

Questions	Yes	No
Does the municipality have access to data about the use of the different transport modes?		
Does the municipality have a long-term strategy and implementation plan for the future development of transport and mobility infrastructure and services?		
Does the municipality actively promote walking and cycling as alternative mobility?		
Does the municipality actively discourage the use of private cars?		
Does the municipality have a plan to improve the infrastructure, attractiveness, safety and security of walking and cycling?		
Does the municipality have a strategy to improve the integration of different modes of transport?		

B2.B – Present situation

Max. 3,000 characters

Provide information on the present situation concerning mobility in the city.

Make reference to:

- *the quality of service and the level of use of public transports by citizens*
- *the availability and use of infrastructures for alternative mobility (e.g., bicycle lanes and parks)*
- *the use of green vehicles (e.g., electrical mobility, availability of charging stations)*
- *availability of shared vehicles (e.g., cars and bicycles)*
- *actions undertaken to improve the safety of roads*
- *strategies to integrate the different modes of transport (multimodal public transport network)*
- *the role and weight of private service transportation (taxis)*

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B2.1	Public Transport Network	Kilometers of public transport system per 1000 th of the city's population		km/1000 inhabitants	
B2.2	Usage of public transportation by population	Total annual number of public transport trips originating in the city divided by the total city population		trips/inhabitant	
B2.3	Bicycle network	Total length of bicycle paths and lanes divided by the city's total population		m/inhabitant	
B2.4	Green public vehicles	Total number of low emission public vehicles divided by total number of public vehicles		%	
B2.5	Pedestrian infrastructure	Total area of pedestrian streets and walkways divided by the total area of streets and roads in the city		%	
B2.6	Traffic fatalities	Number of traffic fatalities divided by 1000 th of the city's population		n/1000 inhabitants	
B2.7	Private transportation services	Number of taxi licenses per 1.000 th of the city population		n/1000 inhabitants	

B2.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the strategies and plans that have been implemented by the municipality over the last five to ten years to ensure that the development of transport in the city was undertaken in an integrated and sustainable manner. In particular, describe the measures implemented to:

- *increase the use of public transport*
- *increase alternative mobility (cycling and walking)*
- *decrease the use of cars, including measures to reduce traffic congestion*
- *increase the use of alternatively fueled vehicles*
- *promote shared mobility.*

B2.D – Plans for the next period

Max. 3,000 characters

Provide information about the city's short and long-term targets for sustainable transportation. Specify planned measures and indicate how these are supported by strategic and policy commitments, budget allocations, resource allocations. Provide information about monitoring and performance evaluation schemes that will be put in place to measure the progresses achieved.



B2.E – Key references

Max. 2, 000 characters

List supporting documentation, adding links where possible.

B3 - Air Pollution

B3.A – Approach of the city

Question	Yes	No
Does the municipality have an active monitoring system in place to measure local air quality across the city?		
Does the municipality have an action plan to improve air quality?		

If the city has an action plan to improve air quality:

Question	Yes	No
Does the plan include an analysis of the main sources of air pollution?		
Does the plan include short- and long-term objectives for air quality?		
Does the plan include measures to achieve the air quality objectives?		
Does the plan foresee a budget and a timeframe to realize the measures?		

B3.B – Description of the present situation

Max. 3,000 characters

Provide information on the present situation in relation to ambient air quality. Describe the relative contribution of the different local sources (e.g., road traffic, heat generation, etc.) to air pollution. Provide information on air quality planning and measures, and how synergies have been achieved between objectives and measures on air quality and those in other areas (e.g., mobility, energy). Report any relevant disadvantages or constraints resulting from historical, geographical and/or socio-economic factors which may have influenced this indicator.

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B2.1	Fine particulate matter (PM2.5) concentration	Annual average fine particulate matter (PM2.5) concentration		µg/m ³ year	
B2.2	Fine particulate matter (PM2.5) monitoring	Number of PM2.5 monitoring stations		Number	
B2.3	Particulate matter (PM10) concentration	Annual average particulate matter (PM10) concentration		µg/m ³ year	
B2.4	Particulate matter (PM10) monitoring	Number of PM10 monitoring stations		number	



B3.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the plans and measures implemented over the last five to ten years for the improvement of ambient air quality and specify which measures have been most effective.

Make reference to:

- *existence and implementation status of an air quality management plan*
- *measures taken to improve air quality*
- *level of availability and accessibility of information on air quality levels (e.g., web pages, information screens) to increase public awareness and promote behavioural change*

B3.D – Plans for the next period

Max. 3,000 characters

Provide information about the city's short and long-term targets concerning the quality of ambient air quality. Describe planned measures and indicate how these are supported by strategic and policy commitments, budget allocations, resource allocations. Provide information about monitoring and performance evaluation schemes that will be put in place to measure the progresses achieved.

B3.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

B4 – Solid waste

B4.A – Approach of the city

Waste management

Question	Yes	No
Does the municipality have access to data on the generation, collection and treatment of solid waste?		
Does the municipality have a management plan for city's solid waste?		
Did the municipality set recycling targets for city's solid waste?		
Does the municipality have a waste prevention program?		
Does the municipality have a policy relating to (a) recycling for household or municipal wastes and (b) the management of biodegradable waste?		
Is the municipality promoting the use of recycled and recyclable, renewable and sustainable materials?		
Does the municipality have a marine litter reduction/prevention plan?		
Has the municipality implemented a food waste prevention program?		
Is the municipality supporting the construction/renovation of buildings using recycled materials or innovative designs that will increase the lifetime of buildings (adaptation) and/or allow them to be more easily recycled in the future (design for deconstruction)?		

B4.B – Description of the present situation

Max. 3,000 characters

Please provide information on present situation in relation to:

- *city's solid waste management strategies or plans*
- *waste prevention strategies or plans in place including possible specific measures to reduce food waste and plastic waste*
- *current waste collection system, including the types of waste collected separately*
- *sorting, recycling and other treatment of separately collected waste.*

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B4.1	Availability of solid waste collection	Number of people within the city who are served by regular solid waste collection divided by the total city population		%	
B4.2	Solid waste collection	Total amount of solid waste generated divided by the total city population		tonnes/capita/year	
B4.4	Solid waste recycling	Total amount of solid waste that is recycled divided by the total amount of solid waste produced in the city		%	

B4.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures implemented over the last five to ten years for improving city's solid waste management and prevention.

Make reference to:

- *past measures and results achieved*
- *evolution of separate collection systems in the city*
- *type and scale of infrastructure put in place to treat waste, distinguishing between dry recyclables, biowaste and residual waste, and progress to date*
- *use of instruments (economic or regulatory) applied in the city to manage solid waste*
- *regulations, programs to promote sustainable building practices in relation to the use of recycled materials and design for deconstruction.*

B4.D – Plans for the next period

Max. 3,000 characters

Provide information about the city's short and long-term targets for sustainable solid waste management. Specify planned measures and indicate how these are supported by strategic and policy commitments, budget allocations, resource allocations. Provide information about monitoring and performance evaluation schemes that will be put in place to measure the progresses achieved.



B4.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

B5 - Water

B5.A – Approach of the city

Question	Yes	No
Does the municipality have access to data on city's water consumption?		
Does the municipality have an action plan for water management?		
Does the municipality have an action plan for wastewater management?		

If the municipality has implemented an action plan for water management:

Question	Yes	No
Does the plan include short- and long-term objectives concerning the water supply?		
Does the plan contain specific actions to reduce water consumption?		
Does the plan foresee specific actions for water saving?		
Are there actions implemented or foreseen to reduce losses in water networks?		
Are there actions to raise the awareness about water saving among citizens?		

If the municipality has a wastewater management plan or strategy (the plan could be set up for a city, a metropolitan area or include several municipalities):

Question	Yes	No
Does the plan set short- and long-term objectives on wastewater management?		
Are there actions implemented to improve the quality of surface waters in the municipality area?		
Does the plan foresee measures to prevent ground water pollution?		
Did the municipality organize actions to promote citizen participation?		
Is the municipality reusing wastewater?		

B5.B – Description of the present situation

Max. 3,000 characters

Provide information on water and wastewater management, Specify the current general features of wastewater treatment. In particular:

- *describe plans currently in place to reduce water consumption and to improve water status*
- *provide data about the quality of drinking water*
- *describe the situation concerning water loss in pipelines, leakage management and network rehabilitation*
- *describe the measure for storm water management and use of natural water retention measures and/or sustainable urban drainage systems (SUDS)*
- *describe water recycling initiatives (rainwater use and grey water or wastewater reuse) in the city.*

Describe any relevant disadvantages or constraints resulting from historical, geographical and/or socio-economic factors which may have influenced this indicator.

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B5.1	Availability of a public municipal water supply	Total number of people with potable water supply service divided by total city population		%	
B5.2	Total water consumption	Total amount of the city's water consumption in liters per day divided by the total city population		Liters /day / inhabitant	
B5.3	Sufficiency of domestic water provision	Volume of the water supplied for domestic uses divided by the overall domestic water demand		%	
B5.4	Efficiency in water use	Volume of water supplied minus the volume of utilized water divided by the total volume of water supplied		%	
B5.5	Access to wastewater collection	Number of people within the city who are served by wastewater collection divided by the city population		Number	
B5.6	Centralized wastewater treatment	Total volume of city wastewater collected for primary, secondary and tertiary treatment in centralized wastewater treatment facilities divided by the total volume of wastewater produced in the city		%	
B5.7	Improved household sanitation	Total number of people using improved sanitation facilities divided by the total city population		%	



B5.C - Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures implemented over the last five to ten years for improving water management and wastewater management. Describe the baseline situation ten years ago and comment on which measures have been most effective and what progress has been achieved, such as:

- *re-opening of watercourses*
- *support for the installation of rainwater and/or greywater recovering systems*
- *new regulations (e.g., requirements in building codes, green roofing)*
- *provision of subsidies*
- *incentives for the installation of water saving devices*

B5.D - Plans for the next period

Max. 3,000 characters

Provide information on the short and long-term objectives for water management and wastewater treatment, the proposed approach for their achievement, and illustrate to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.

B5.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

B6 - Energy

B6.A – Approach of the city

Question	Yes	No
Does the municipality have access to reliable data on energy consumptions per sector? (e.g., private homes, businesses/industry, public buildings)		
Does the municipality have access to reliable data on energy supply sources in the city? (i.e., wind, solar PV, fossil fuels, nuclear, bio-energy, etc.)		
Did the municipality study the future developments in energy supply and demand?		
Did the municipality set specific targets for increasing energy efficiency / reducing energy demand per sector?		
Has the municipality set specific targets for increasing renewable and/or low-carbon energy supply sources?		

B6.B – Description of the present situation

Max. 3,000 characters

Provide information on the present situation, particularly in relation to the building sector.

Make reference to:

- *current activities for energy efficiency improvements and decreasing the use of energy, particularly for energy performance of public buildings*
- *important developments related to other end-use sectors besides the building sector (e.g., transport, industry, services, public, lighting, electrical appliances, food)*
- *present situation, development and current plan for the energy supply mix, particularly regarding the renewable versus non-renewable mix of energy sources*
- *the current plan for increasing the use of renewable energy in municipal buildings*
- *use of innovative technologies (e.g., use of LED lamps in public lighting)*

List any disadvantages resulting from historical, geographical and/or socio-economic factors which may have influenced the situation.

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
B6.1	Access to authorized electrical service	Number of people in the city with authorized electrical service divided by the total population of the city		%	
B6.2	Electrical service interruptions	Total sum of hours of interruption multiplied by the number of households impacted divided by the total number of households		hours/household	
B6.3	Final energy consumption (natural gas)	Total final energy consumed (natural gas) by a city divided by the total population of the city		GJ/inhabitant/year	
B6.4	Final energy consumption (electricity)	Total final energy consumed (electricity) by a city divided by the total population of the city		GJ/inhabitant/year	
B6.5	Renewable electrical energy consumption	Total consumption of end-use electrical energy generated from renewable sources divided by total end-use electrical energy consumption		%	
B6.6	Renewable energy locally produced	Total renewable electrical energy generated in the city's boundaries divided by the total renewable electrical energy consumed by the city		%	

B6.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures implemented over the last five to ten years concerning energy, and comment on which measures have been most effective.

Make reference to:

- *use of renewable energy sources, particularly in municipal buildings*
- *implementation of energy efficiency measures in municipal buildings*
- *implementation of energy efficiency measures in residential buildings*
- *implementation of energy efficiency measures in private non-residential buildings (service, office, industry, etc.)*
- *measures to trigger stakeholder engagement in the city to improve overall energy performance, preferably including local government institutions, local market actors and citizens*
- *measures to boost just transition such as prioritizing energy efficiency, renovation, awareness-raising among population groups suffering from energy poverty, etc.*
- *the municipality's organizational structure in charge of energy performances*



B6.D – Plans for the next period

Max. 3,000 characters

Provide information on the short- and long-term objectives for shaping a sustainable energy system for the city, the proposed approach for their achievement, and illustrate to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes

B6.D – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.



C. SOCIAL, ECONOMIC AND CULTURAL SUSTAINABILITY

C1 – Integration and solidarity

C2 – Green economy and eco-innovation

C3 – Local cultural values and traditions

C 1 – Integration and solidarity

C1.A – Approach of the city

Question	Yes	No
Did the municipality implement a housing plan for disadvantaged inhabitants and to eliminate slums or inadequate housing?		
Is the municipality promoting actions to support the employment of youths and women?		
Does the municipality implement actions to promote the school enrollment rate for all (equally for males and females)?		
Is the municipality implementing actions to improve the accessibility of buildings and public transportation for people with disabilities?		
Does the municipality implement actions to support the social inclusion of disadvantaged inhabitants?		
Is the municipality implementing actions to reduce the risk of energy poverty of households?		

C1.B – Description of the present situation

Max. 3,000 characters

Describe the present situation in relation to the level of integration and solidarity in the city.

Make reference to:

- *actions to reduce the population at risk of poverty or exclusion*
- *housing policies and actions to upgrade slums or informal/illegal settlements*
- *promotion social cohesion and mixed income neighborhoods*
- *actions to promote the school enrollment rate*
- *actions to improve the number of employed young people and women*
- *actions to improve the accessibility of public buildings and public transports by physically disabled persons*
- *actions to reduce the energy poverty of households*

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
C1.1	Informal settlements	Area of informal settlements within the city boundary divided by the city area		%	
C1.2	Unemployment rate	Total number of working-age primary residents not in paid employment or self-employment, but available for work and seeking work divided by the total labour force		%	
C1.3	Youth unemployment rate	Total number of a city's unemployed youth divided by the city's youth labour force		%	
C1.4	Female employment	Total number of working age women in employment divided by the total female labour force		%	
C1.5	Accessibility of public buildings	Total number of public buildings accessible by disabled persons divided by the total number of public buildings		%	
C1.6	Accessibility of public transport network	Total number of public vehicles accessible to disabled persons divided by total number of public vehicles		%	
C1.7	Population living below poverty line	Number of people living below the national poverty line set at country level divided by the total current population of the city		%	
C1.8	School-aged population enrolled in schools	Number of city's school-aged population enrolled in primary and secondary levels in public and private schools divided by the total number of the city's school-aged population		%	
C1.9	Female school-aged population enrolled in schools	Number of city's female school-aged population enrolled at primary and secondary levels in public and private schools divided by the total number of a city's female school-aged population		%	



C1.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Describe the plans and measures implemented over the last five to ten years for the improvement of the integration and solidarity in the city. Comment on which measures have been most effective. Reference should be given to measures taken to:

- *provide adequate housing and eliminate slums / inadequate housing*
- *reduce the population at risk of poverty and exclusion*
- *improve the number of employed young people and women*
- *improve the accessibility of physically disabled persons to public buildings and transportation*
- *optimize the school enrollment rate.*

C1.D – Plans for the next period

Max. 3,000 characters

Describe the short- and long-term objectives for the future, proposed plans and the proposed approach and measures for their achievement. Specify to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.

C1.E – Key references

Max. 2000 characters

List supporting documentation, adding links where possible.

C2 – Green Economy and Eco-Innovation

C2.A – Approach of the city

Question	Yes	No
Has the municipality implemented “circular economy” approaches?		
Does the municipality have an action plan aimed at supporting eco-innovation, the circular economy and/or green growth?		
Has the municipality taken initiatives to encourage the use of environmentally friendly technologies?		
Has the municipality defined and carried out projects or actions to increase green skills or jobs?		
Has the municipality dedicated budgets for future plans and strategies to promote and encourage eco-innovation and green jobs?		
Does the municipality promote access of local producers to (local) markets?		
Has the municipality taken initiatives to promote selling arts and handcrafts?		

C2.B – Description of the present situation

Max. 3,000 characters

Provide information on the present situation in relation to green economy and eco-innovation. Make reference to:

- *innovations that address material/resource use and reduce environmental impacts, e.g., measures to improve resource efficiency*
- *status of digital transformation, such as which processes are turned into electronic, e-services, paperless office management, etc.*
- *awareness raising and training to encourage the development and up-take of environmentally friendly technologies*
- *efforts to promote green skills or green jobs*
- *efforts to promote Green Public Procurement (GPP) and other green policy measures*
- *social innovation/stakeholder participation, including for example community programs, that shows entrepreneurship and new ways of organization that promote sustainable development and protect the local environment*
- *efforts to promote local producers and local markets, including selling arts and handcrafts*

Please complete the following table providing the most recent data (if available):

Code	Criterion	Indicator	Value	Unit of measure	Year of data
C2.1	New jobs in green and circular economy	Number of jobs created in green and circular economy sector		number	
C2.2	Digital processes	Number of digital processes operated by the municipality divided by the total number processes operated by the municipality		%	
C2.3	Green public procurement	Number of procurement contracts that include green criteria (GPP) divided by the total number of contracts		%	

C2.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Provide information on the measures implemented over the last five to ten years concerning green economy and eco-innovation. Please comment on which measures have been most effective.

Make reference to:

- *initiatives aimed at increasing green economy and eco-innovation, e.g., Green Public Procurement (GPP)*
- *actions the city took to develop the urban tissue/infrastructures in an innovative/sustainable way, including actions inspired by circular economy*
- *actions to promote new green jobs*
- *initiatives to promote local markets and local producers*



C2.D – Plans for the next period

Max. 3,000 characters

Describe the future short- and long-term objectives to promote green economy and eco-innovation and the proposed approach (strategy) for their achievement. Specify to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes. Make reference to:

- *plans to establish eco-innovation clusters, strategies and initiatives to attract public-private partnerships (PPP) for further developing eco-innovation and sustainable employment*
- *future targets of how eco-innovations can be applied by/in the city (e.g., digital transformation, use of sustainable products, low-emission technologies, share of hybrid or electric cars in total stock of the public fleet)*
- *participation in green business networks or partnerships, and co-operation with knowledge institutions (e.g., universities)*
- *programs to reach the population promoting green economy thinking, e.g., targeting the change of citizens' consumption patterns.*

C2.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

C 3 – Local cultural values and traditions

C3.A – Approach of the city

Question	Yes	No
Has the municipality taken initiatives for the renovation, retrofitting, rehabilitation of historical buildings and settlements?		
Is the municipality promoting its historical buildings and settlements to increase the number of visitors?		
Does the municipality promote ecotourism?		

C3.B – Description of the present situation

Max. 3,000 characters

Describe the present situation in relation to local values and traditions.

Make reference to:

- *initiatives and plans to valorize and renovate historical buildings and settlements*
- *promotion of ecotourism and hospitality for the valorization of the historical heritage*
- *initiatives creating a synergy between local heritage and eco-friendly tourism*

C3.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Describe the measures implemented over the last five to ten years concerning the rehabilitation and valorization of historical buildings and settlements. Describe the measures implemented to promote ecotourism. Comment on which measures have been most effective.

C3.D – Plans for the next period

Max. 3,000 characters

Describe the future short- and long-term objectives to:

- *promote the rehabilitation of historical buildings and settlements*
- *improve the quality and offer of ecotourism.*

Specify to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.

C2.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.



D. PLANNING AND MANAGEMENT

D1 – Environmental governance

D2 – Planning, monitoring and evaluation

D3 – Communication and outreach

D1 – Environmental Governance

D1.A – Approach of the city

Question	Yes	No
Does the municipality have an integrated environmental policy framework, vision, management plan or local strategy on sustainable development?		
Does the municipality have a dedicated budget for the implementation of its environmental vision?		
Is the municipality's environmental vision reflected in different strategies and action plans?		
Have city departments (other than the environmental department) adopted the municipality's environmental/sustainability vision or elements of it?		
Did the municipality set a team or an administrative sector which is devoted to the integration of environmental or sustainability strategies?		
Does the municipality setting up co-creation processes and involving citizens or external stakeholders?		
Does the municipality use an environmental management system to track progress, monitor and set targets?		
Does the municipality cooperate with other authorities and organizations on environmental topics?		

D1.B – Description of the present situation

Max. 3,000 characters

Provide information on the environmental vision for the city and specify if it is part of a broader commitment to urban sustainability (e.g., local strategy for sustainable development). Describe the short- and long-term objectives of the integrated environmental vision. Specify how this vision is reflected in different sectorial strategies and plans. Describe the most important strategies, plans and measures and indicate their relationship to the overall vision.

D1.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Describe the measures implemented over the last five to ten years concerning the environmental governance. Please comment on which measures have been most effective.

D1.D – Plans for the next period



Max. 3,000 characters

Describe the future short- and long-term objectives to further improve the environmental governance of the city. Specify to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.

D1.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

D2 – Planning and management

D2.A – Approach of the city

Question	Yes	No
Is the municipality developing and implementing overall strategies supported by sectorial plans to improve the sustainability of the city? (e.g., air pollution, mobility, waste management, water management, adaptation to climate change, etc.)		
Are the sectorial plans (e.g., air pollution, mobility, waste management, water management, adaptation to climate change etc.) integrated and well-coordinated?		
Does the municipality allow the participation of stakeholders in decision-making processes (empowered society) also through the setup of partnerships? (e.g., with NGOs/the civil society)		
Has the city implemented a monitoring system to measure the progress achieved? (e.g., Key Performance Indicators, dashboard of sustainability, urban observatory of the environment and sustainable development).		
Has the municipality implemented an Integrated Coastal Zone Management (ICZM) practice?		

D2.B – Description of the present situation

Max. 3,000 characters

Provide information on the level of coordination and synergy among the different sectorial plans in the city (e.g., urban, adaptation to climate change, mobility, air, waste, water) in relation to the municipality's overall strategies and sustainability targets. Describe the participatory processes adopted to allow the participation of stakeholders in planning activities and decision-making processes. Illustrate, if present, the monitoring system used by the city to follow the results achieved through the implementation of strategies and plans. Describe the ICZM practices implemented by the city.

D3.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Describe the evolution of the planning processes as instruments to improve the sustainability of the city. Describe how the participation of stakeholders in planning activities and decision-making has been improved. Illustrate the evolution of the monitoring system used to follow the progress towards more sustainability. Illustrate what are the sets of indicators used. Please comment on which measures have been most effective.



D3.D – Plans for the next period

Max. 3,000 characters

Describe the future short- and long-term objectives to further improve the planning, management and monitoring/evaluation processes. Specify to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.

C2.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.

D3 – Communication and outreach

D3.A – Approach of the city

Question	Yes	No
Does the municipality organize communication activities/campaigns to raise the public awareness on sustainability issues?		
Is the city organizing or supporting education and training programs targeted to adults and children on sustainability, including Education on Sustainable Development (ESD)?		
Is the city actively involved in cooperation projects on sustainability?		
Did the city join transnational organizations and networks dealing with sustainable development?		

D3.B – Description of the present situation

Max. 3,000 characters

Describe the actual activities implemented by the city to raise the awareness of citizens about sustainability issues. In particular refer to:

- *communication activities (e.g., advertising, festivals, expositions, local fora, etc.)*
- *training and educational activities (e.g., campaigns in schools, education for sustainable development).*

Describe actual cooperation programs with other public authorities, universities, etc. to raise the capacity to act of the municipality on sustainable development.

D3.C – Measures/progress achieved in the last 5-10 years

Max. 3,000 characters

Describe the measures undertaken in the last 5-10 years to:

- *improve the awareness of citizens with regards to sustainable issues*
- *organize training and educational initiatives, including Education for Sustainable Development (ESD)*
- *foster the transnational cooperation.*

D3.D – Plans for the next period

Max. 3,000 characters

Describe the future short and long-term objectives to further improve the communication approach/policy of the city. Emphasize to what extent plans are supported by commitments, budget allocations, and monitoring and performance evaluation schemes.



D3.E – Key references

Max. 2,000 characters

List supporting documentation, adding links where possible.