

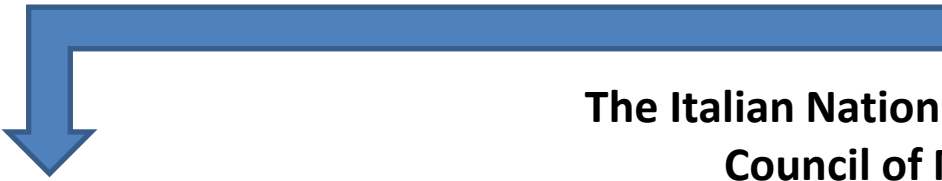
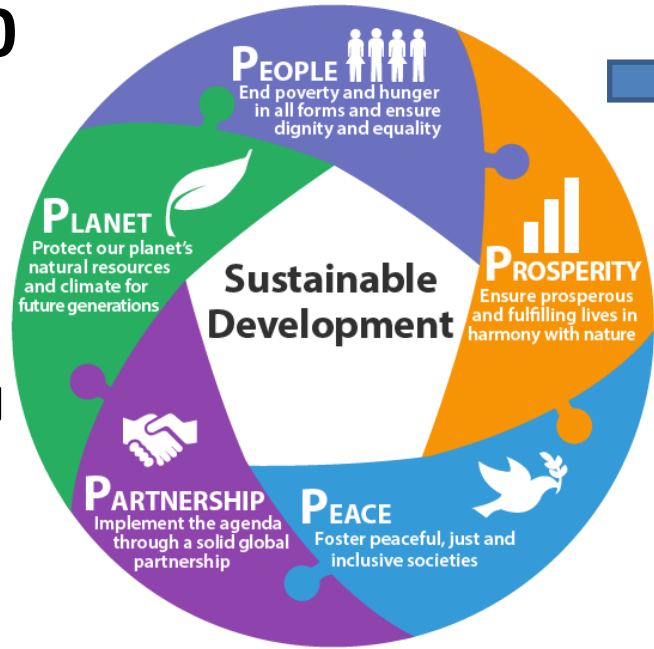


# Metropolitan Agenda for Sustainable Development

[https://www.cittametropolitana.bo.it/portale/agenda\\_sviluppo\\_sostenibile](https://www.cittametropolitana.bo.it/portale/agenda_sviluppo_sostenibile)

# AGENDA 2030

- UNIVERSALITY
- TRANSVERSALITY
- INTEGRATION
- INCLUSION
- TRANSFORMATION
- PARTICIPATION



**TERRITORIALIZE AND ROOT  
IN THE TERRITORY THE  
SUSTAINABILITY  
STRATEGIES**

**The Italian National Strategy was approved by the Council of Ministers on 22 December 2017.**

**The Italian Strategy intends to act as a national reference framework for sectoral and territorial planning, programming and evaluation processes.**

# BOLOGNA CHARTER FOR THE ENVIRONMENT. METROPOLITAN CITIES FOR SUSTAINABLE DEVELOPMENT

8 June 2017

## OBJECTIVES

- take concrete action to support the development towards a national Urban Agenda, introducing in the metropolitan area actions aimed to **combating pollution and improving the quality of the urban environment**
- start in each Metropolitan City the road map for the **construction of a Metropolitan Agenda for Sustainable Development as part of the strategic planning function**



# BOLOGNA CHARTER FOR THE ENVIRONMENT. METROPOLITAN CITIES FOR SUSTAINABLE DEVELOPMENT

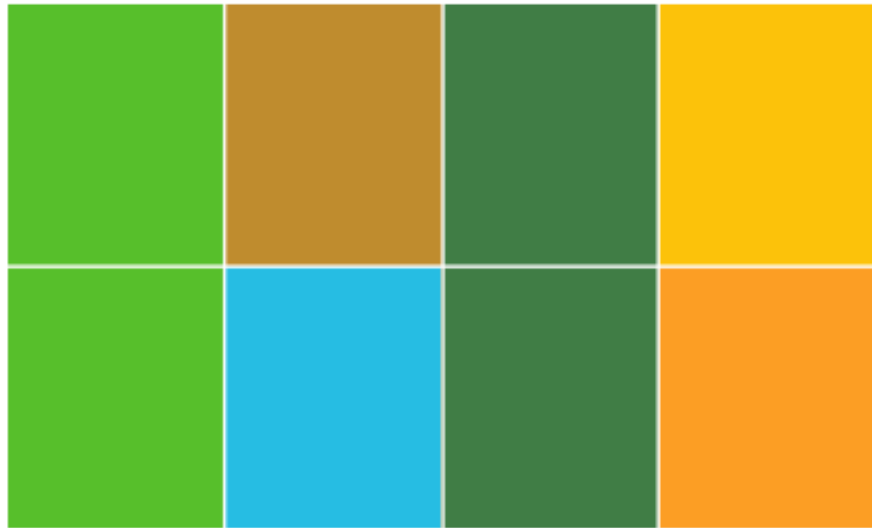
## THEMES

1. *Sustainable land use*
2. *Circular economy*
3. *Adaptation to climate change*
4. *Energy transition*
5. *Air quality*
6. *Water quality*
7. *Ecosystems, urban green and biodiversity protection*
8. *Sustainable mobility*





# METROPOLITAN AGENDA FOR SUSTAINABLE DEVELOPMENT

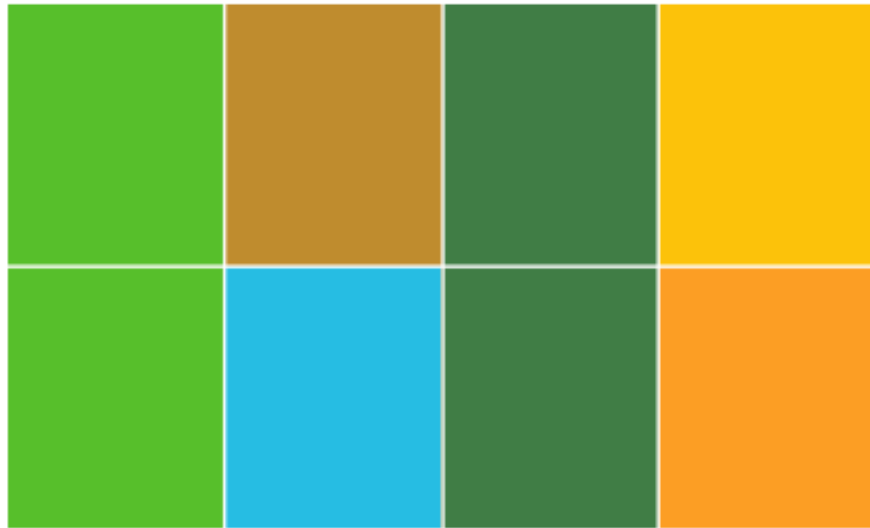


## KEY ELEMENTS

- Metropolitan Agenda is a **voluntary document** that Metropolitan City is developing in **strategic planning**, in collaboration with the **Municipality and the University of Bologna**.
- Metropolitan Agenda **proposes a methods of monitoring**, to measure progress towards the goals of the *Charter of Bologna*.
- Metropolitan Agenda is a **tool to guide the other sectorial planning**
- Working in process towards the definitive document: **from January 2018 to July 2019**



# METROPOLITAN AGENDA FOR SUSTAINABLE DEVELOPMENT

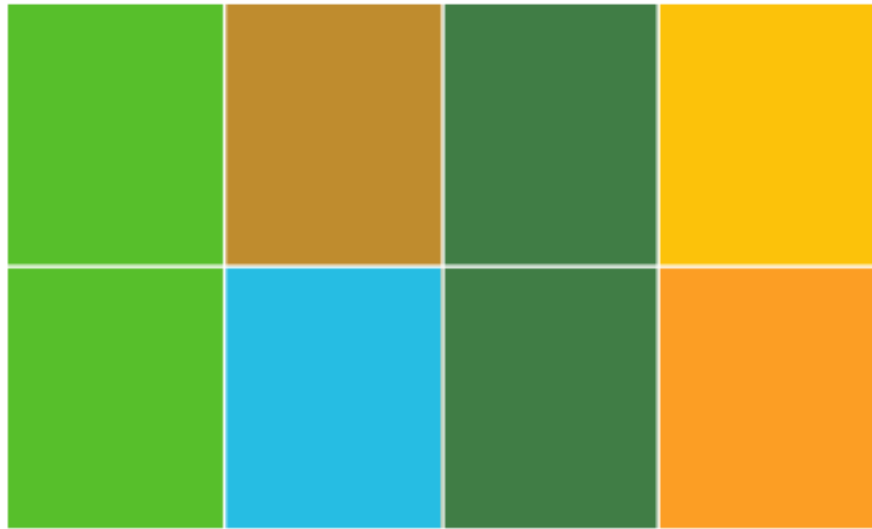


## AGENDA ARTICULATION

1. *Sustainable land use*
2. *Circular economy*
3. *Adaptation to climate change*
4. *Energy transition*
5. *Air quality*
6. *Water quality*
7. *Ecosystems, urban green and biodiversity protection*
8. *Sustainable mobility*



# METROPOLITAN AGENDA FOR SUSTAINABLE DEVELOPMENT



## AGENDA ARTICULATION

**Framework of the theme**

**Objectives and targets**

**Baseline (territorial governance,  
indicators)**

**Strategies and Actions : 2030**  
strategies, ongoing actions, medium-  
term actions



## 1. SUSTAINABLE LAND USE

- Reduce soil consumption by 20% to 2020 (from 2 currently to 1.6 m/ab per year of national average).
- Focus urban planning policies on urban regeneration.
- Interrupt settlement dispersion processes in order to increase urban quality and preserve environmental one.
- Provide for urban development only in the presence of sustainable public transport and the main services to the citizens both public and private.
- Promote integrated territorial planning and environmental management to increase policy coherence by encouraging citizen participation.
- Provide for the definition of long-term perspectives involving different level and administrative areas in order to create high quality urban areas

## 2. CIRCULAR ECONOMY

- Achieving the more ambitious European goals (prepare for re-use and recycling 60% of urban waste, landfill max. 10% of waste, EU Directive 2018/851).
- Reaching the most ambitious regional targets (Emilia-Romagna minimum targets: recycling 70% of urban waste, separate collection 73%, landfill max.5% of waste, Law ER 16/2015).
- Reducing waste production below the European average (483 kg / per capita, Eurostat data to 2016).
- Bring separate waste collection to at least 70% in 2025 and 80% in 2030



### 3. ADAPTATION TO CLIMATE CHANGE

- Drafting Local Climate Change Adaptation Plans (Covenant of Mayors for Climate and Energy) and Integrated disaster risk prevention and with other planning instruments.
- Recognizing green infrastructures as essential elements for climate change adaptation, for increasing territorial resilience of the territories and enhancing ecosystem services.

### 4. ENERGY TRANSITION

Anticipating to 2025 the European targets for 2030 also through the Sustainable Energy and Climate Action Plan (SECAP) of the Covenant of Mayors.

### 5. AIR QUALITY

- Compliance with the concentration limits for PM10 of 40 g / m<sup>3</sup>, overcoming the EU infringement procedures against Italy.
- Compliance with the WHO concentration limit for the fine particulate PM2.5 of 10 g / m<sup>3</sup>, which is more restrictive than the European one, by 2025.

## 6. WATER QUALITY

- Reduce the losses of the water distribution networks within the physiological threshold of 10-20% by 2030 (2/3 thirds less than today).
- Improve the quality of aquatic ecosystems by bringing them to a "good state" for all waters by 2025.

## 7. URBAN GREEN ECOSYSTEMS AND BIODIVERSITY PROTECTION

- Reach the 45 sqm average of urban green per inhabitant by 2030.
- Qualify the demands for settlement expansion and new infrastructures through the control of urban form and territorial distribution, recognizing the irreproducibility of the soil resource and providing for the construction of green infrastructures.
- Reduce soil consumption also through the implementation of ecological networks to create related systems that include protected areas of the green Natura 2000 network system, woods and forests, river channels with adjoining wooded areas and small wetland areas.
- Promote a rational use of natural resources by supporting the management and enhancement of the landscape as opportunities to strengthen and promote the creation of production chains, to increase hydrogeological safety, to promote the green economy, to provide leisure services and to increase the well-being and the quality of life of citizens.

## 8. SUSTAINABLE MOBILITY

Achieve at least 50% of the modal allotment between cars and motorcycles and other forms of mobility by 2020 and approve the Metropolitan Plans for sustainable

# PARTICIPATION PHASE

- **open collection** of online contributions through a simple questionnaire;
- a calendar of **institutional meetings**;
- **stakeholder groups** (“Development Council” and “Table with subsidiary companies”)



## Agenda Metropolitana per lo Sviluppo Sostenibile: racconta il tuo progetto!

Conosci o sei promotore di un progetto di sostenibilità ambientale in corso sul territorio della Città metropolitana di Bologna? Compila questo modulo.

La Città metropolitana di Bologna, supportata dal Comune di Bologna e dall'Università di Bologna, ha scritto il documento "Agenda Metropolitana per lo Sviluppo Sostenibile" per impegnarsi a contrastare l'inquinamento e a migliorare la qualità dell'ambiente urbano. Il documento è stato pubblicato il 15 marzo 2019 per raccogliere contributi e proposte.

Il documento contiene una sezione sulle azioni in corso. In cui sono state inserite alcune azioni che derivano da una prima analisi svolta fra i principali attori (pubblici e/o privati) del territorio: si tratta di una sezione aperta che ti chiediamo di contribuire a costruire indicando le azioni e i progetti di cui sei promotore o di cui sei a conoscenza.

Per tutte le informazioni visita il sito: [www.cittametropolitana.bo.it/agendasvilupposostenibile](http://www.cittametropolitana.bo.it/agendasvilupposostenibile)

\*Campo obbligatorio

**Indirizzo email \***

Il tuo indirizzo email \_\_\_\_\_

**Nome e cognome \***

La tua risposta \_\_\_\_\_

**Titolo del progetto \***

La tua risposta \_\_\_\_\_

**In quale di questi 8 temi rientra il progetto? \***

- Uso sostenibile del suolo e soluzioni basate sui processi naturali
- Economia circolare
- Adattamento ai cambiamenti climatici
- Transizione energetica
- Qualità dell'aria
- Qualità delle acque
- Ecosistemi, verde urbano e tutela della biodiversità
- Mobilità sostenibile

**In quale Comune della Città metropolitana di Bologna si realizza il progetto? \***

Scegli \_\_\_\_\_

**Descrivi brevemente il progetto \***

La tua risposta \_\_\_\_\_

**Inserisci il link al progetto \***

La tua risposta \_\_\_\_\_

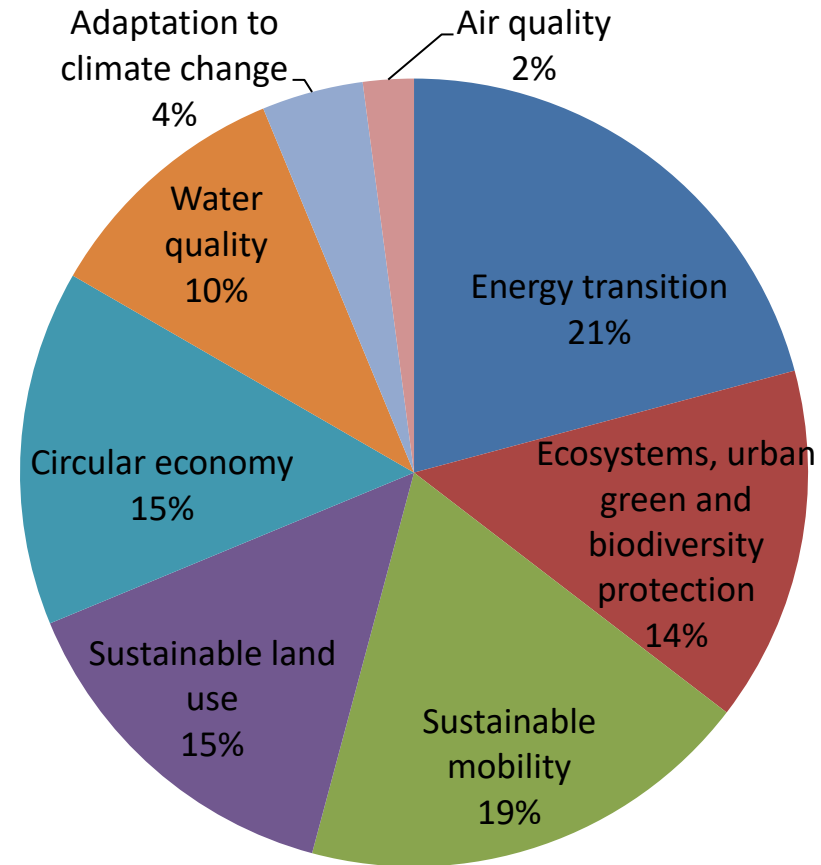
Inviarmi una copia delle mie risposte.

**INVIA**

# PARTICIPATION PHASE

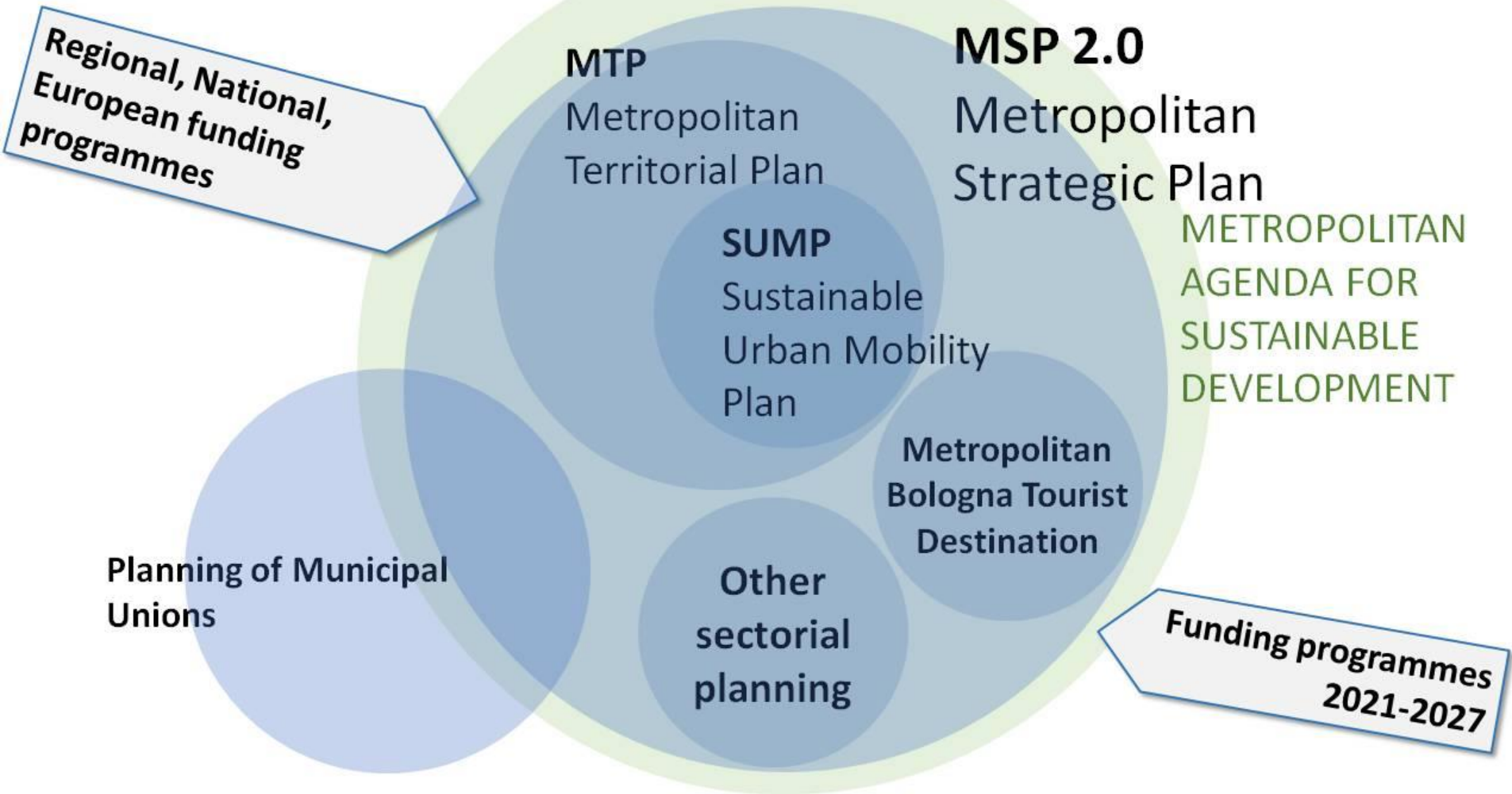
## 48 projects, actions and proposals operated by the territory:

- **27** public subjects (Municipal Union, Municipality, Local Health Unit, Schools, ...)
- **6** stakeholders (Hera, ENEA, GAL...)
- **15** private subjects



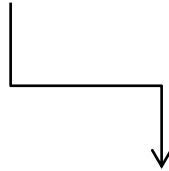
**integration of the contents of the Agenda**

# INTEGRATED PLANNING



# Towards to Agenda 2.0

**178.500€: grants from Ministry of the Environment for the Protection of the Territory and the Sea** to support Metropolitan Cities in the definition and implementation of Metropolitan Agendas for sustainable development



## KEY ELEMENTS OF THE PROPOSAL

- **Agenda 2.0: our Agenda** will be updated and integrated with the **economic and social dimension** of sustainable development.
- **4 Pilot projects** (integrated, innovative and replicable) to make the ONU goals take root in the Bolognese metropolitan area
- **Involvement of local authorities and the metropolitan community** (Municipal Unions, Council of development, The group of Subsidiaries)
- **Training activities and dissemination** of sustainable development issues

## 4 Pilot projects

### ***1 - Towards the circular economy in the hilly and mountainous territory of the metropolitan city of Bologna***

The metropolitan city promotes the identification of guidelines and incentives aimed at the transition to the circular economy of companies that minimize the consumption of energy, natural resources and polluting emissions.

### ***2 - Public transport services in production areas***

Metropolitan city promotes pre-feasibility study to reorganize and improve the public accessibility of production areas also in terms of improving the quality of life of workers.

### ***3 - Metropolitan afforestation***

To reduce greenhouse gas emissions and improve air quality, Metropolitan City of Bologna will develop an urban afforestation project with specific focus on production areas and former extractive areas. Output of the project is to draw up "Guidelines for metropolitan afforestation", a technical document supporting the decisions of local administrators regarding the design and construction of new green systems in urban and peri-urban areas.

### ***4 - Operation Center&Cities Web***

Experimentation, in some municipalities of the metropolitan area, of IT platforms capable of monitoring data on different issues thanks to specially placed sensors, to create an unique monitoring dashboard on environmental issues



# Youth Competition of Ideas

- **public awareness campaign for sustainable development**
- **editorial product, video/radio, web product**
- **Target:** high schools (grades III and IV) of metropolitan area of Bologna
- **Prizes: 1,000€ for the first 20 ideas.** The selected classes will have to realize the products by December 2020. The Metropolitan City will award the **3 best products** with a contribution of:

**€ 2,000** 1st place

**€ 1,200** 2nd place

**€ 800** 3rd place

