



# Towards climate neutral European cities by 2030



Suceava  
Municipality

June 9-10, 2022  
Bucharest



## Background information



### Population:

**127.435 inhabitants**

### Surface within city limits :

**35.61 km<sup>2</sup>**



### Location :

**North-East of Romania**

**450 km from the capital  
Bucharest**

**60 km from Ukraine  
border**





## Background information



**Economic activities:** industry, tourism and services, constructions

**Education:** 12 primary/ secondary schools, 12 high schools, "Stefan cel Mare" Suceava University

**Culture:** Bukovina "I. G. SBIERA" Library, Bukovina Museum, "Matei Visniec" Theatre



**Suceava is an important road traffic junction-crossed by 2 European roads**  
**The international airport located 12 km from the city center**



## Background information



In recent years, one of the main focuses of Suceava municipality was energy efficiency.

Suceava city is working hard on resilience and flexibility for the green economy.

Nowadays, public transport in Suceava city is 80% ecological and the aim is to achieve a full percentage by the end of 2022.





## Background information



### Suceava “green” city

- electric buses
- electric vehicles
- electric scooters
- electric bicycles
- electric sweepers
- electric vans





## Background information



In the last 15 years, Suceava Municipality was involved in many European projects, being a partner in European city networks.



**Mission of Projects:**  
enable cities to work together and develop integrated solutions to common urban challenges



**Focus: climate change mitigation**





## Background information

### Covenant of Mayors for Climate and Energy



**2018** - the city of Suceava committed to implement EU climate and energy objectives by joining The EU Covenant of Mayors for Climate & Energy



**Target by 2030:**  
reduction of greenhouse gas emissions by more than 55% compared to the emissions generated in the administrative territory, taking into account the reference year 2015.



## Climate-Neutral and Smart Cities Mission

### Suceava city's ambition

#### Net-zero GHG emissions

estimated magnitude of over 20 %  
residual emissions by 2030



#### 7 Strategic Development Directions proposed

1. Increasing energy efficiency in buildings;
2. Increasing energy efficiency in transport;
3. Increasing energy efficiency in the central heating system (SACET);
4. Urban planning;
5. Public Procurement;
6. Waste management;
7. Communication.

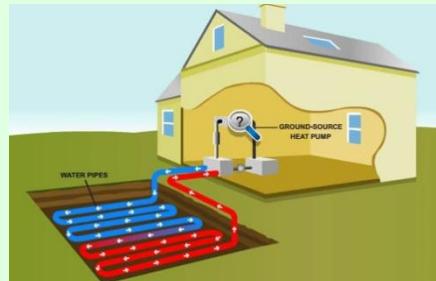


## Climate-Neutral and Smart Cities Mission

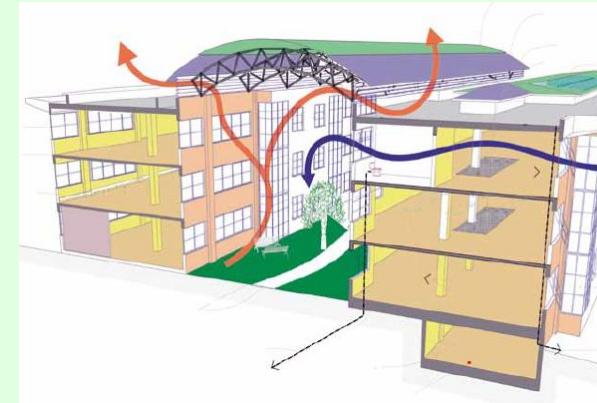
### Stationary energy (excluding public lighting) interventions



### 2. Rehabilitation of thermal agent transport and distribution system



### 1. Energy efficiency in public and residential buildings



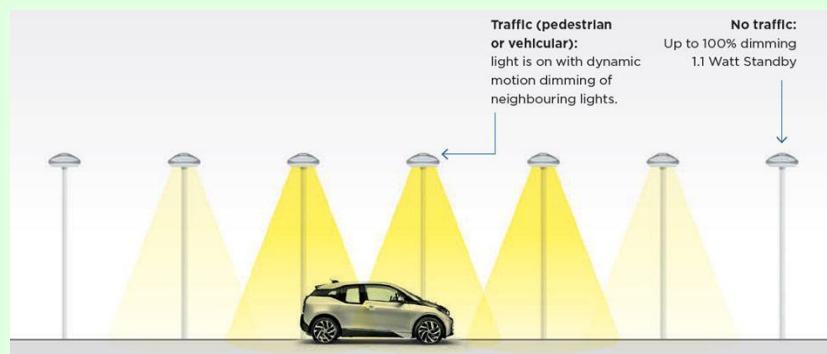
### 3. Use of alternative heating sources for public and residential buildings



## Climate-Neutral and Smart Cities Mission

### Public lighting interventions

1. Photovoltaic panels for public lighting system and telemanagement systems



2. Innovative intelligent street lighting system



## Climate-Neutral and Smart Cities Mission

### Transport interventions

2. Integrated urban modelling system and sustainable mobility



1. Metropolitan ecological public transport



3. Freight TAILS

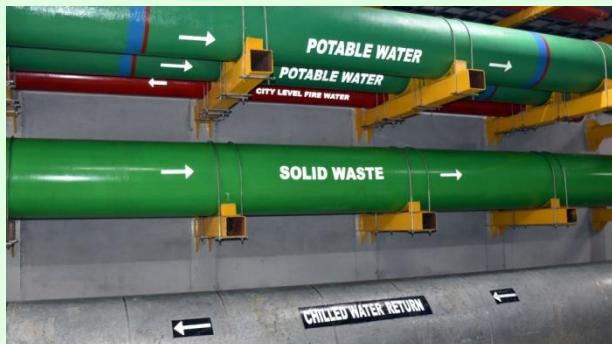




## Climate-Neutral and Smart Cities Mission

### Waste interventions

2. Integrated selective waste collection system



1. Extension of the selective waste collection and recycling facilities for the new neighbourhoods in the city

3. Waste-free treatment and disposal of mixed, non-segregated (unsorted) municipal solid waste



## Climate-Neutral and Smart Cities Mission

### Renewable energy generation interventions

1. Photovoltaic Park



2. Wind park



3. Photovoltaic panels for  
residential buildings





## Climate-Neutral and Smart Cities Mission

### Other areas interventions



2. Alternative fuel production and distribution stations



1. Energy efficiency in urban markets



3. Integrated oil collection system used in restaurants and fast foods for recycling and production of alternative fuel



Grazie Thanks  
Danke Merci Gracias  
Ευχαριστώ mulțumesc  
Takk dziękuję dakujem hvala  
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tänan kiitos köszönöm aciu  
Tack děkuji paldies  
niżzik ħajr dank u wel