



ENVIRONMENTAL PROTECTION AND DEVELOPMENT DEPARTMENT



**ISTANBUL
METROPOLITAN
MUNICIPALITY**

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**Head of Environmental Protection
and Development Department**

20 September 2023

**Climate Change
Directorate**

İSTANBUL



Area	5.313 km ²
Density	2.892 per km ²
Green Space	257.452 ha
Population	15.9 million (2022)
Tourists per year	13,9 million
Life Expectancy	77,8 years
Annual average temp (max)	17,7 °C
Hours of sun per year	2.421
Rainfall per year	820 mm
Total GHG emissions	50,6 MtCO ₂ e (2021)
GHG emissions per capita	3,2 tCO ₂ e/capita (2021)

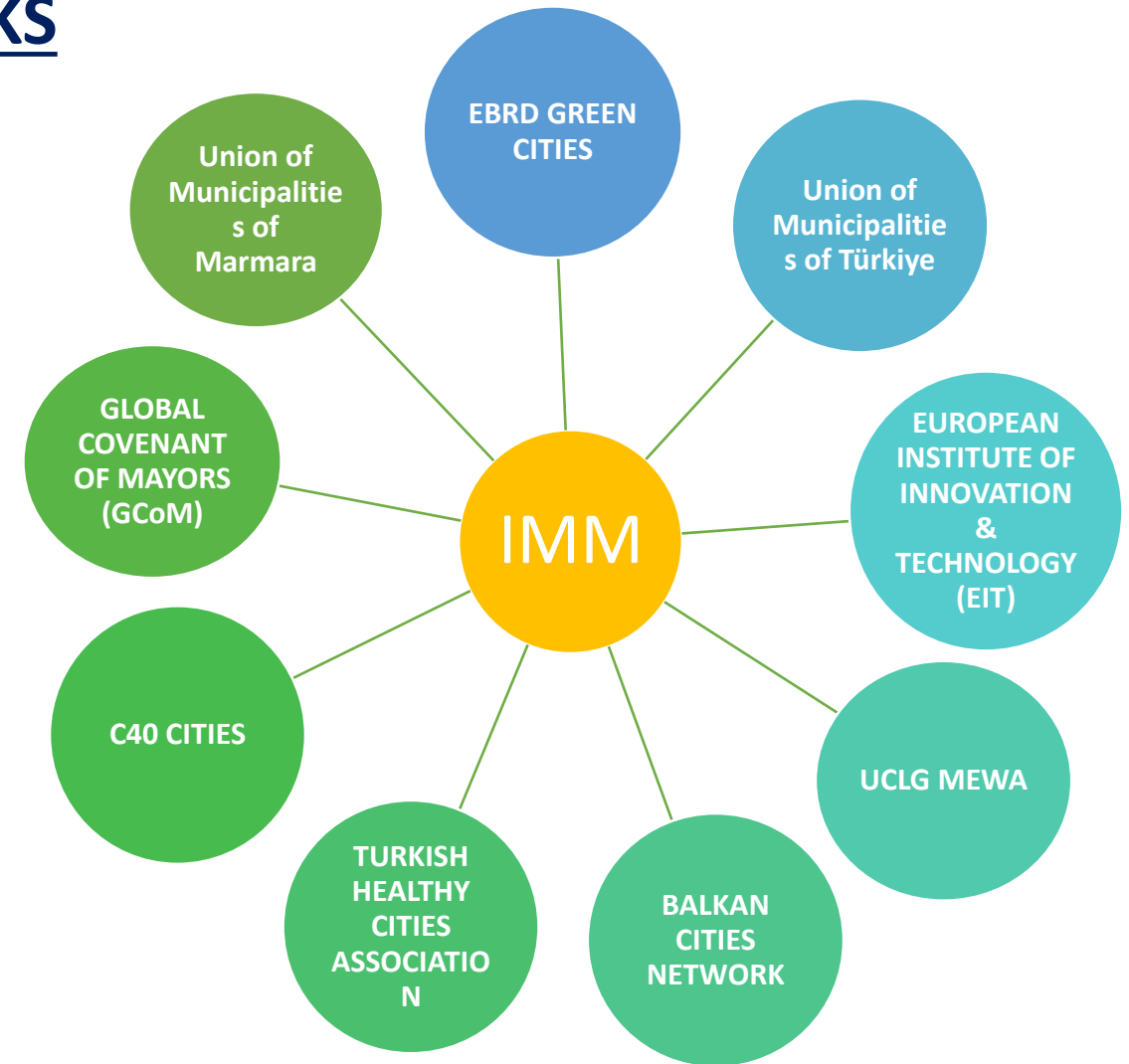
Istanbul Metropolitan Municipality (IMM)

- Area of responsibility encompasses the entire provincial territory, which spans a total area of 5343 km².
- 39 District Municipalities in İstanbul
- **IMM** has:
 - **28 Departments** and more than **100 directorates**.
 - **30 subsidiary companies + 2 affiliated public utility corporations;** İstanbul Electrical Tram and Tunnel Operations (İETT) and İstanbul Water & Sanitation Administration (İSKİ) and
 - around **86.000 employees** in total.



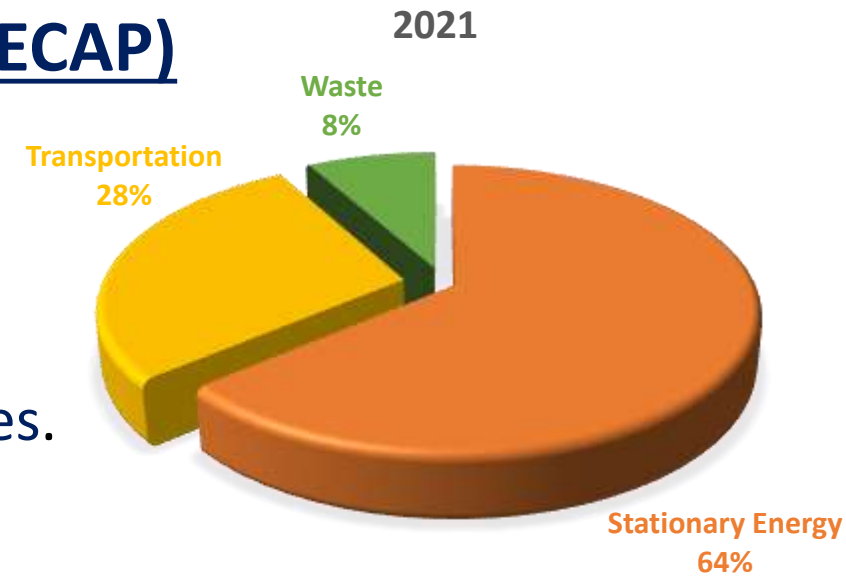
NATIONAL AND INTERNATIONAL NETWORKS

- IMM has a membership in many national and international networks to become a sustainable and resilient city.
- Within The Deadline 2020 Commitment and GCoM and C40 memberships, IMM prepared the CAP and SECAP.
- IMM carries out its climate change studies in 4 main sectors:
 - Stationary Energy
 - Transportation
 - Waste
 - Water- Wastewater



SUSTAINABLE ENERGY AND CLIMATE ACTION PLAN (SECAP)

- **Energy sector;**
63% share in the **2019** greenhouse gas inventory,
64% share in the **2020** and **2021** greenhouse gas inventories.



- SECAP studies were carried out under the coordination of **IMM Environmental Protection and Control Department Climate Change Directorate** with technical support from **Lithuania's Central Project Management Agency (CPMA)**. The SECAP Studies are funded by **European Union** and **The German Agency for International Cooperation (GIZ)**



GREEN DEAL-TURKLIT (GEH) platform concept, which develops green and smart solutions through long-term exchange of experts and ideas between Lithuania and Turkey

- GEH platform's mission is to develop long-term exchanges of experts and ideas between Lithuania and Turkey for smart growth through sustainable development based on environmental goals, innovation and a positive impact on reducing CO2 emissions



GEIH PROJECT — Digital Innovation solutions in the fields of climate change, EU Green Deal, and Energy Transition, based on Turkey and Lithuania Partnership Development and GEH Platform Development

- The aim of the project is to strengthen the capacities of local-level authorities in Turkey and improve cooperation between municipal-level authorities in Türkiye and Lithuania in the fields of climate change, EU Green Deal, and energy transition by providing digital innovation solutions.
- Beneficiaries are İstanbul Metropolitan Municipality, Vilnius Municipality, and stakeholders (other Turkish local authorities, businesses, NGOs, etc.).



GREEN CITY ACTION PLAN (GCAP)

- IMM aims for an **environmentally sensitive and sustainable future** for İstanbul with its **green development investments**.
- **Green City Action Plan Memorandum** was signed with the **European Bank for Reconstruction and Development (EBRD)** for the sustainable development of the city, thus joining the EBRD's green cities platform.
- GCAP studies have been started in May, 2023.

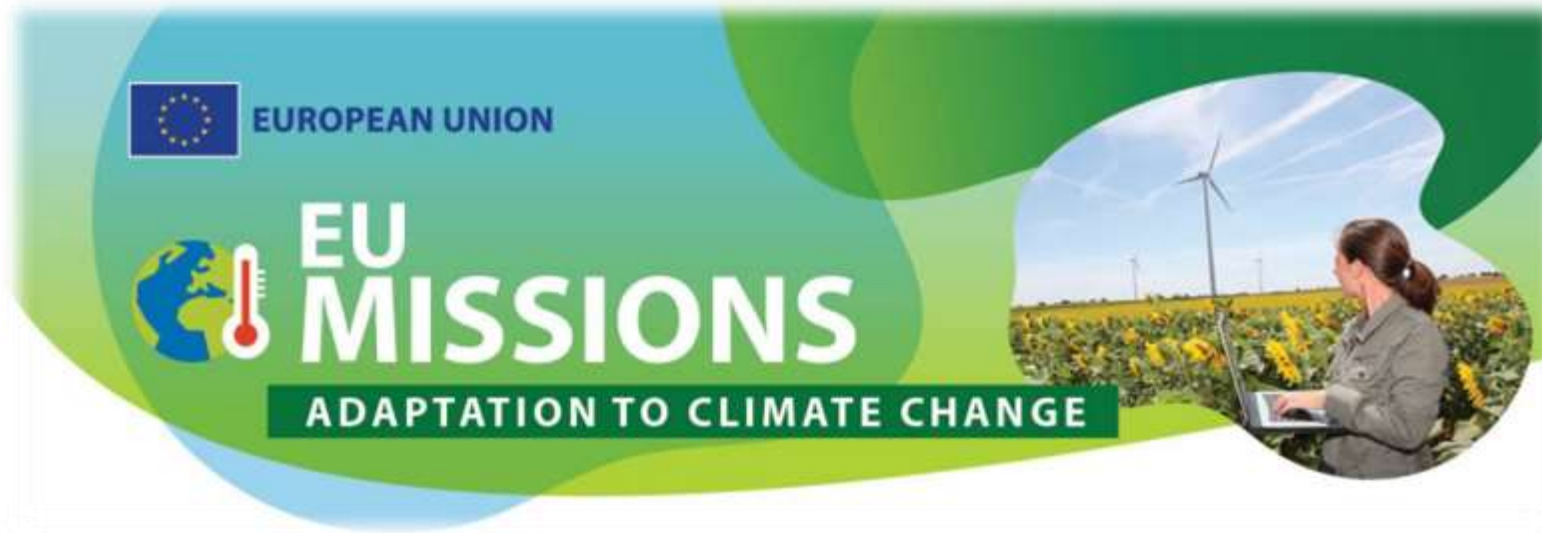


EU MISSIONS: NET ZERO CITIES

- Istanbul has been selected as one of the **100 leading cities** committed to being a **climate-neutral and smart city by 2030**.
- Istanbul has been selected as a **pilot city** with the Build4GreenIST Project (Green and Carbon Neutral Buildings Transition Guide: İstanbul Model).



EU MISSIONS: ADAPTATION TO CLIMATE CHANGE



- IMM is among the 215 signatories of “**EU Missions: Adapting to Climate Change**”.
- The Adaptation Mission is a network that supports cities to be resilient to climate change.

Thank you...

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