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Climate Affairs

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What will
Budapest do to
mitigate the
climate crisis?

New political leadership

- Since 13 October 2019 the joint opposition candidate is the Mayor of Budapest
- Gergely Karacsony has put forward a program, which aims to pave the road towards a green, inclusive and socially just city
- Climate related measures play a crucial role in designing a fair, sustainable, resilient and liveable city
- New units were created, like...
 - **Open City Hall / involving citizens into the decision making**
 - **Green Infrastructure Department**
 - **Climate and Environment Department**
- Renewal of the old climate strategy has started and through out September a citizen's assembly will come up with a detailed proposal for the city's climate action plan which will be part of the new strategic document

What do citizens think?

The most severe environmental problems

According to our recent survey, most of the citizens (32%) consider **air pollution** as the city's most severe environmental hazard.

This is followed by

- the increasing car traffic (27%),
- too much waste (16%),
- dirty streets (7%),
- noise (5%),
- quality and quantity of green areas (5%),
- more extremely hot days (4%) and
- floods (1%).

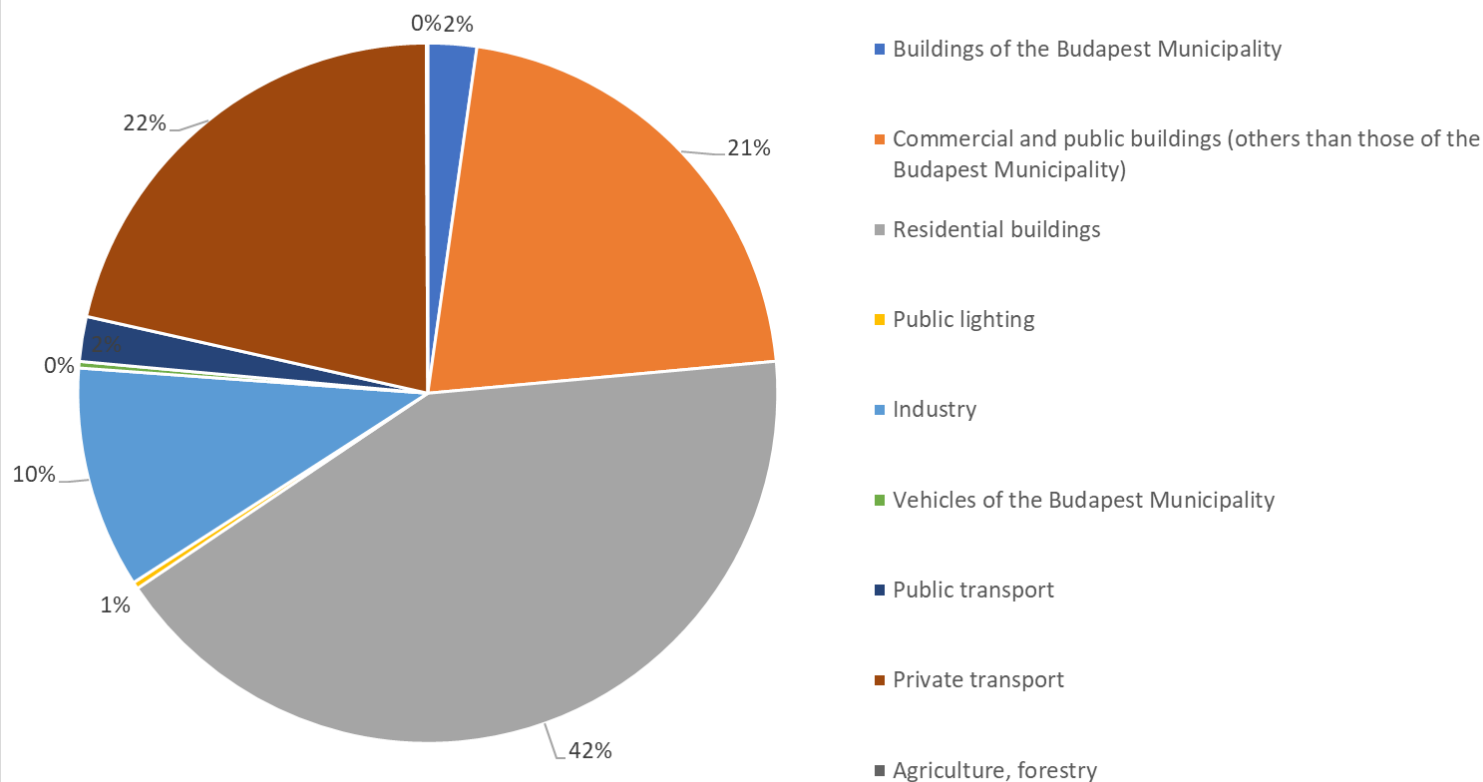
A legsúlyosabb környezeti probléma (százalék)



What steps are planned by the Municipality?

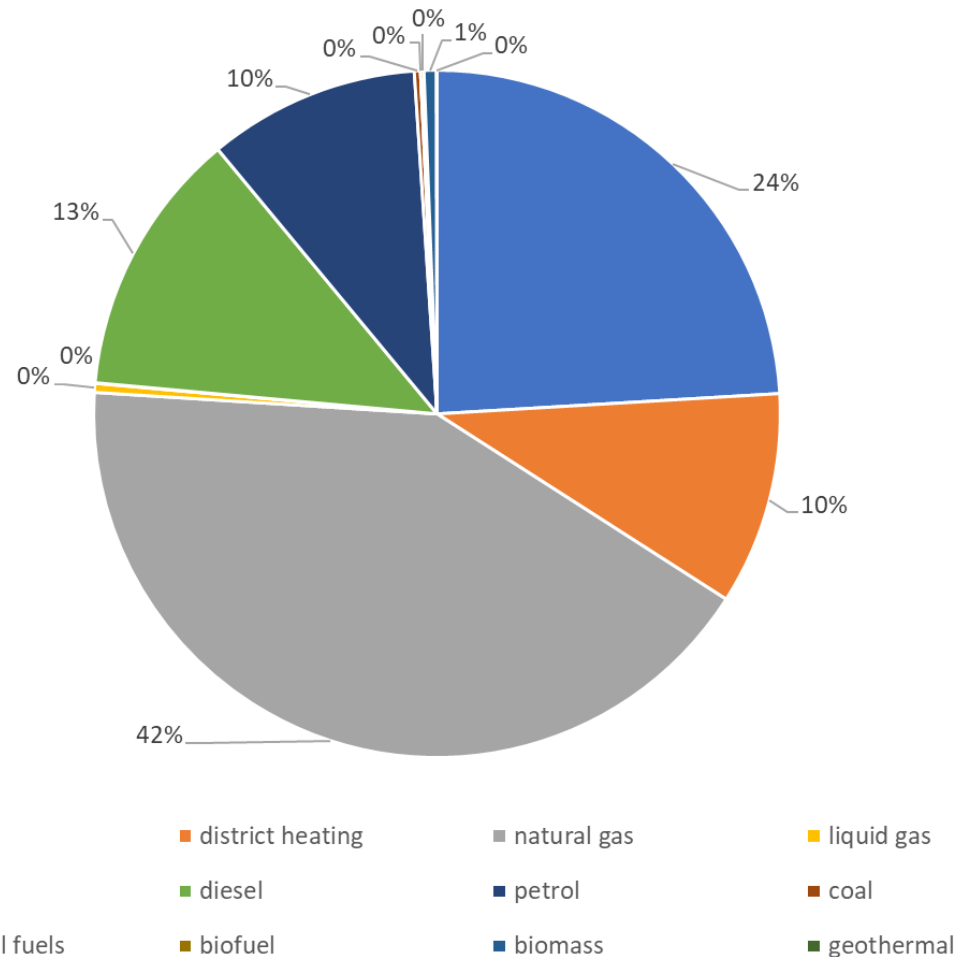
2/3 of the emission from buildings

Final energy consumption in Budapest, by sectors (2015)



Only 4 % originated from renewable sources

Final energy consumption in Budapest, by energy sources (2015)



Climate Strategy

- Adopted in 2018
- Aim: mitigation & adaptation + communication
- Target: 15% reduction of emissions by 2030
- Currently under revision, together with developing a new SECAP
- More ambitious target (40%, in line with the SECAP commitment)
- Public consultation: Citizen's Assembly (2 weekends), surveys (online as well as phone), possibility to give written feedback to the draft version
- Adoption of new strategy: beginning of 2021



Buildings



Own buildings

The Municipality of Budapest owns / manages around 70 different institutions, with several buildings and facilities.

- Theaters, libraries, the zoo, social care facilities, homes for the elderly or homeless, thermal baths, public service companies, etc.
- These are typically older buildings without refurbishment
- According to the plan, 15-20 institutions will undergo a major renovation until 2023, with an estimated investment cost of 5 billion HUF (~14 million EUR)

Residential buildings - heating

- Target by 2030: refurbishment of 1/3 of homes (ca. 300 thousand flats)
- This would result 25% reduction in emissions of the residential buildings
- The total investment needs is HUF 800-1000 billion (ca. EUR 3 billion)
- This potential will not be realized without substantial public support – soft bank loans alone are not enough! (As it was demonstrated in the last EU financial term by the Hungarian government.)
- In the absence of non-refundable support schemes, the Municipality of Budapest is seeking the adequate financial instruments in order to help citizens refurbishing their homes.

Solar Power

Budapest is the biggest electricity consumer in Hungary and still increasing as electrification develops

- Solar power is the main available technology
- Massive PV roll out would help to
 - Make the electricity infrastructure resilient
 - Charge vehicles with green energy
 - Involve citizens as prosumers
 - Ease the local peaks and conjunction problems
- We are looking into the legal, financing, socio-economic barriers involving the local DSO, public transportation companies to pave the way towards **Solar Budapest**



Mobility



Budapest Mobility Plan

Adopted in 2019,

After a long process of
stakeholder involvement
(experts, citizens, municipalities
of districts etc.)



Main fields of intervention

- Integrated bicycle-network
- Improving the conditions for pedestrians
- Creating zones of reduced traffic
- Developing P+R and B+R facilities
- Improving the conditions between train and urban transport system
- More efficient vehicle fleet, zero-emission vehicles

Thank you for your attention

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