



EU-Cities-Mission 2030

Klagenfurt on the way to climate neutrality

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Department for Climate and Environmental Protection

Municipality of the state capital Klagenfurt am Wörthersee

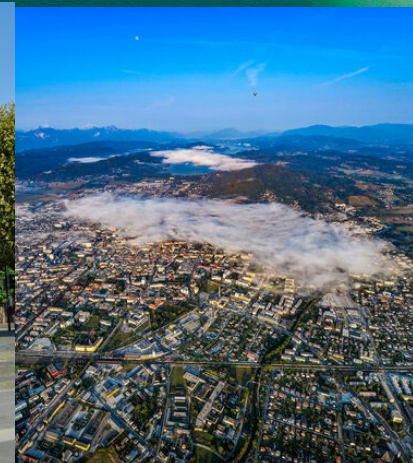


Klagenfurt on Lake Wörthersee



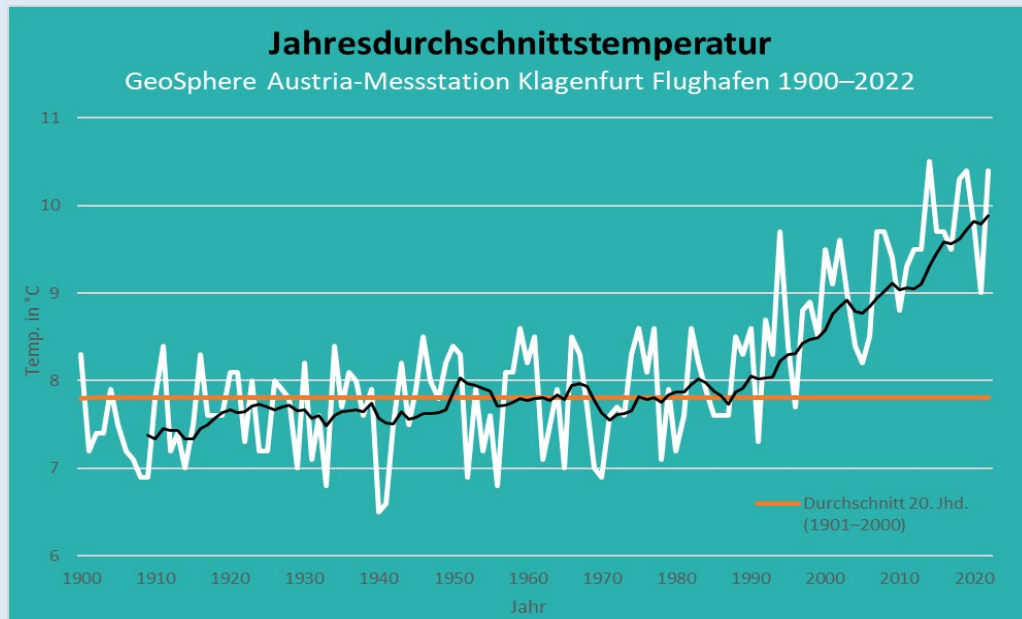
Department of Climate and Environmental Protection

- 104,000 inhabitants
- 160,000 daytime population
- 120 km²
- Capital of Province of Carinthia
- Trade and school center of the region
- Center quite densely populated
- Forests and agricultural land



Climate Change in Klagenfurt

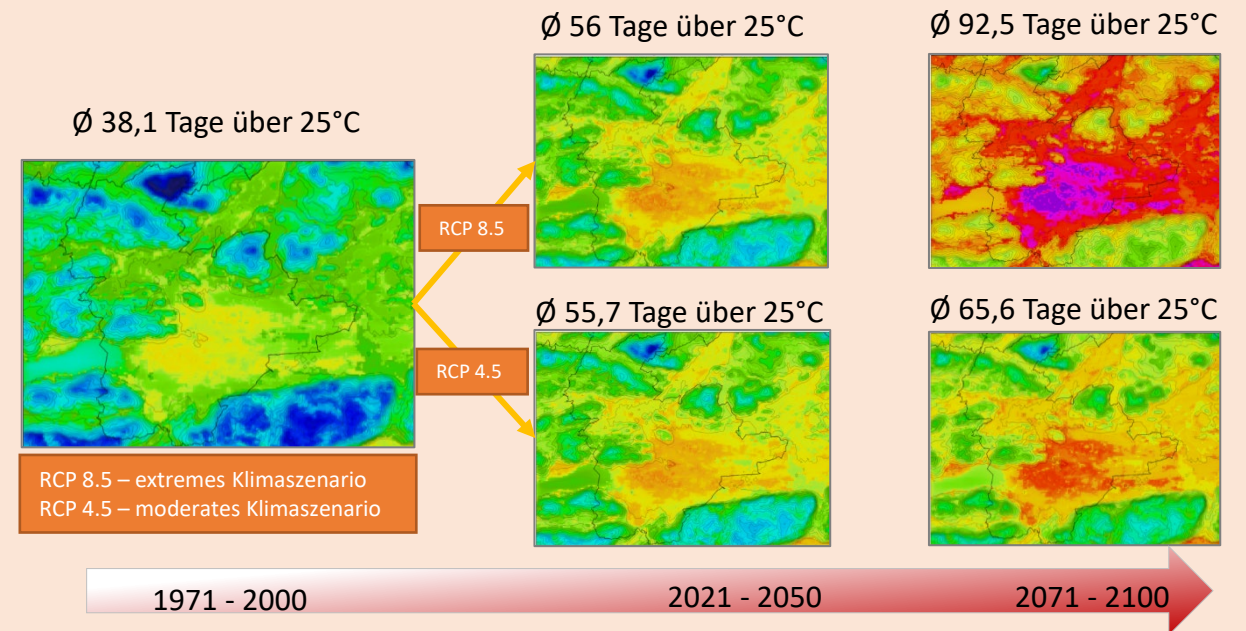
Past



- Average temperatures have increased since around 1980
- Currently approximately 2°C above the average of the last 100 years
- Continuing upward trend
- Cities in the Alpine region are climate change hotspots

Future

- Steady increase in summer days (>+25°C) until 2100
- In 2100, up to 130 summer days in the city center = 1/3 of the year
- For comparison, in 2000, approximately 55 summer days in the city center
- Climatic conditions similar to those currently experienced in Rome, Barcelona, or Istanbul



Smart City Climate Strategy

Version 7.1



Vision

Smart City Klagenfurt am Wörthersee is an **emission neutral, energy efficient und resource conservative living space** with a high urban quality of life and **responsible** citizens, which is well integrated into the Alp-Adria region.

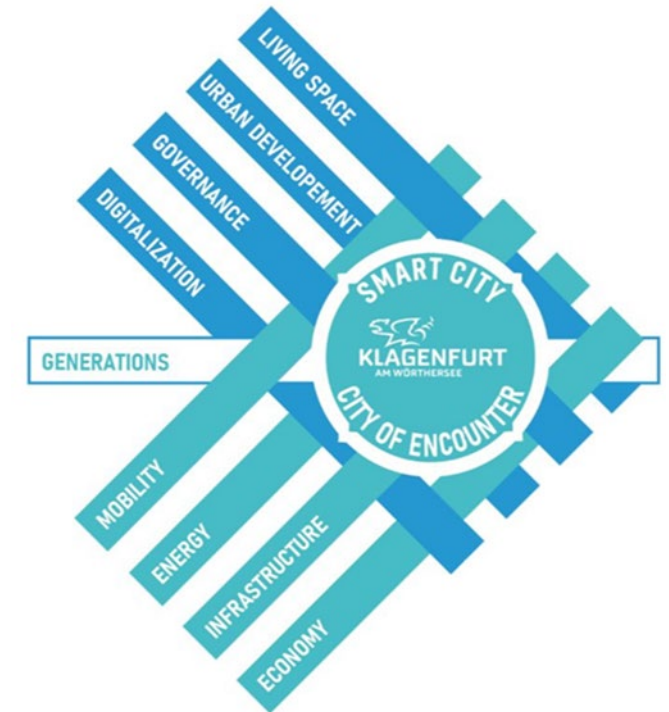
Climate protection goals Klagenfurt

-81 % CO₂ by 2030, 19 % Compensation

-90% CO₂ by 2040

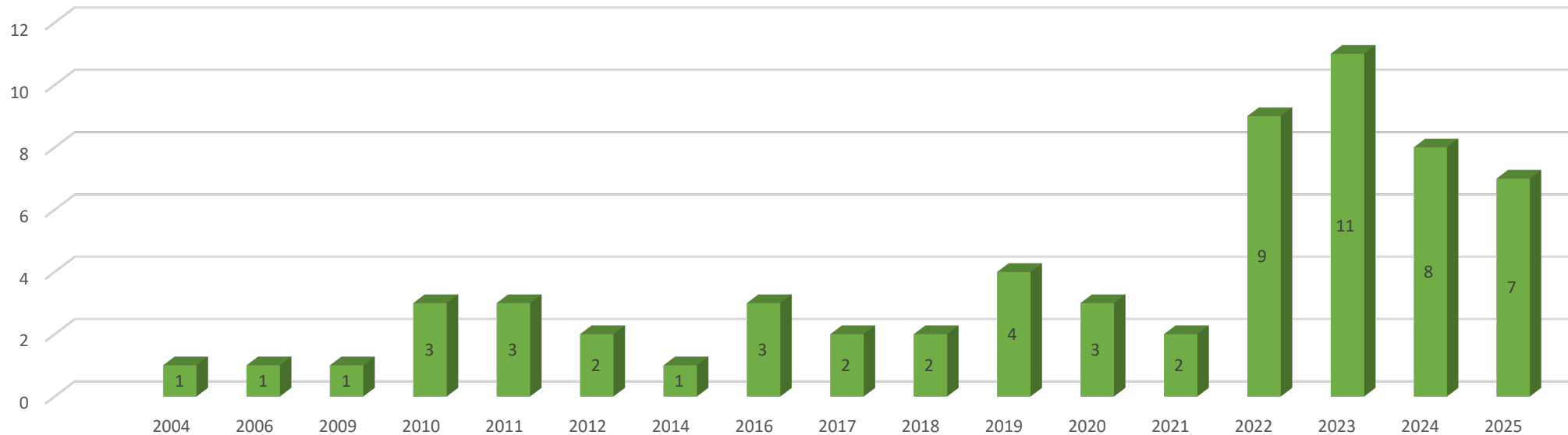
- 1** Core team (Stadt und STW)
- 9** Fields of action
- 9** Working groups
- 59** Experts
- 241** Measures

Simultaneously, a **good quality of life** for the **population** and **future generations** is to be sustainably maintained and secured in the future.



National and international funding projects

63 funded projects between 2004 - 2025



Interreg
SLOVENIA – AUSTRIA
European Union | European Regional Development Fund

Interreg
Italia-Österreich
European Regional Development Fund



Interreg
CENTRAL EUROPE
European Union | European Regional Development Fund

Interreg
Alpine Space
European Union



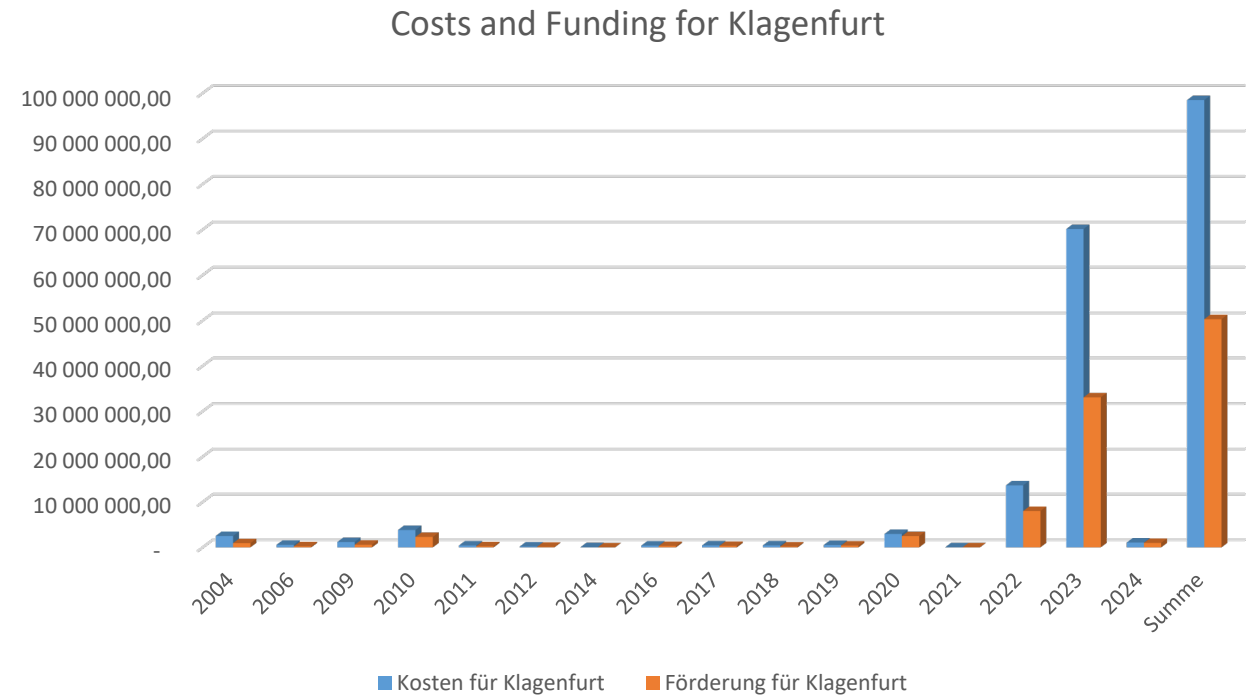
FFG
Promoting Innovation.



Funding for Klagenfurt between 2004 - 2024

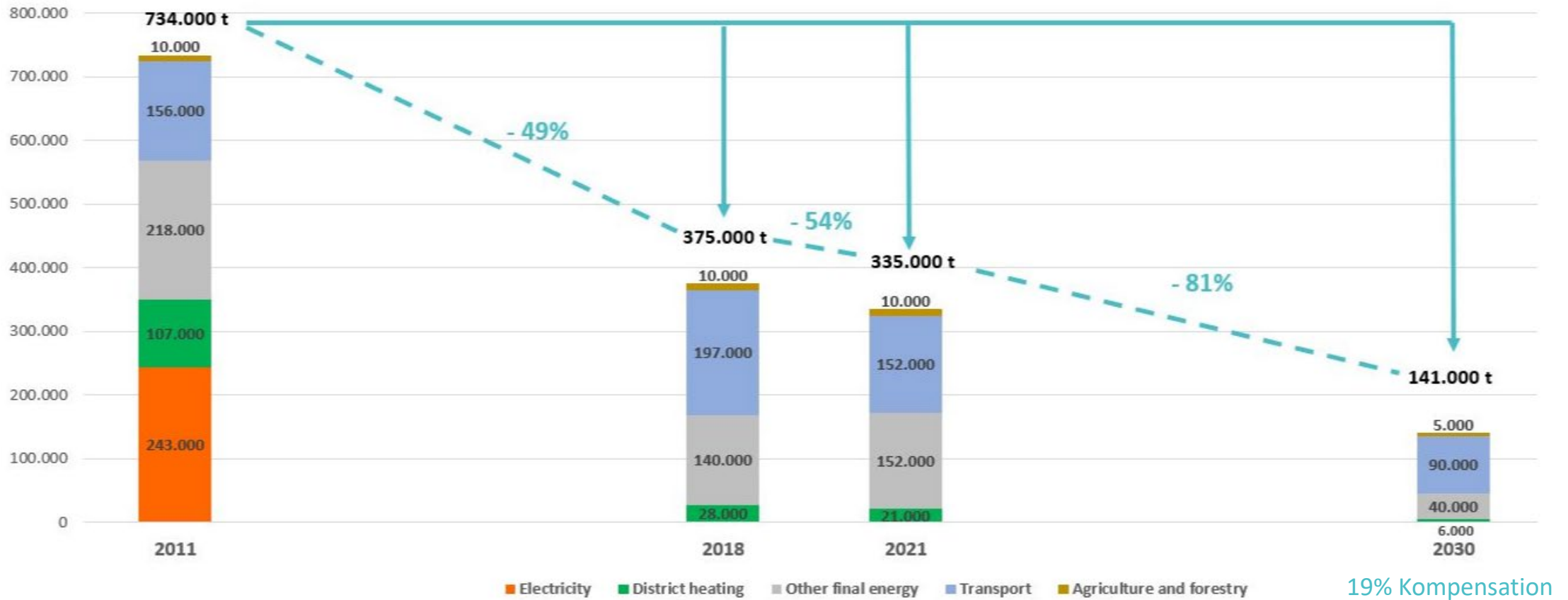
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Year	Costs	Funding
2004	2.513.815,64	934.952,33
2006	567.549,88	239.276,98
2009	1.188.044,30	579.972,83
2010	3.839.582,58	2.305.344,45
2011	426.759,01	247.934,02
2012	183.779,00	139.672,00
2014	60.070,00	22.600,00
2016	407.139,25	307.196,11
2017	431.428,37	333.696,18
2018	442.982,37	187.265,99
2019	522.799,50	396.370,32
2020	2.962.793,50	2.483.580,50
2021	39.260,00	39.260,00
2022	13.680.728,30	8.021.601,55
2023	70.131.471,00	33.072.853,70
2024	1.075.149,50	990.644,00
Sum	98.473.352,20	50.302.220,96

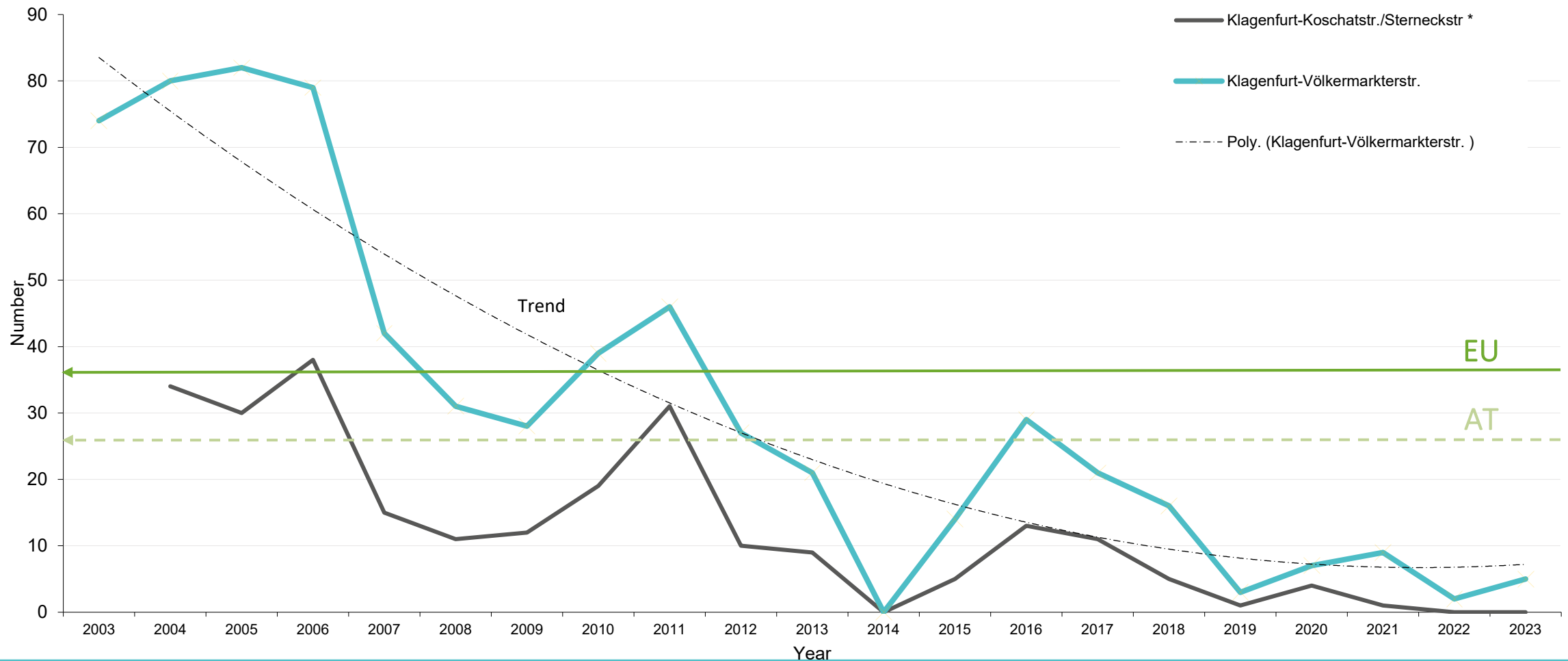


Path to Climate Neutrality by 2030

CO2 emissions and savings 2011 - 2018 - 2021 - 2030 [tCO2]

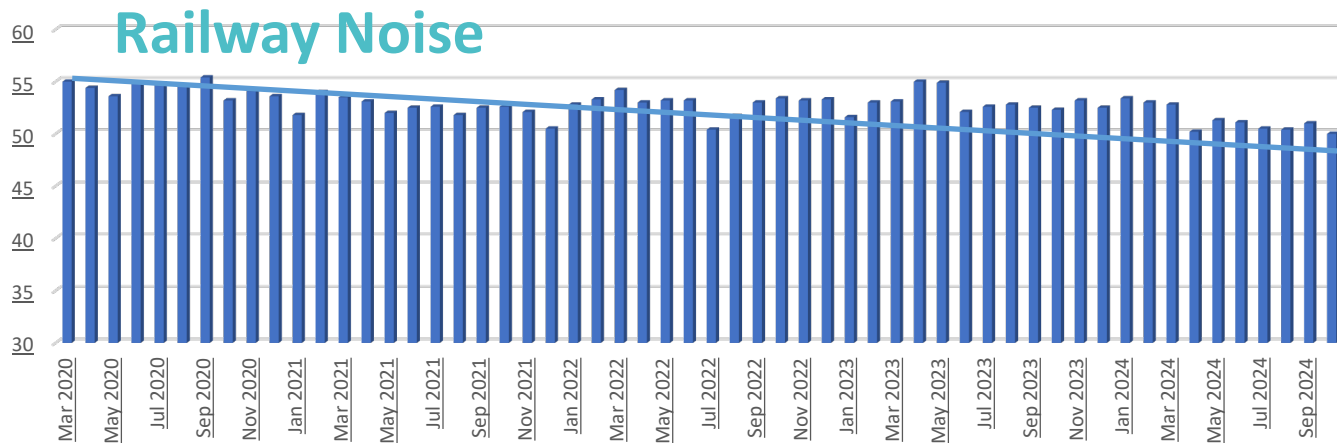
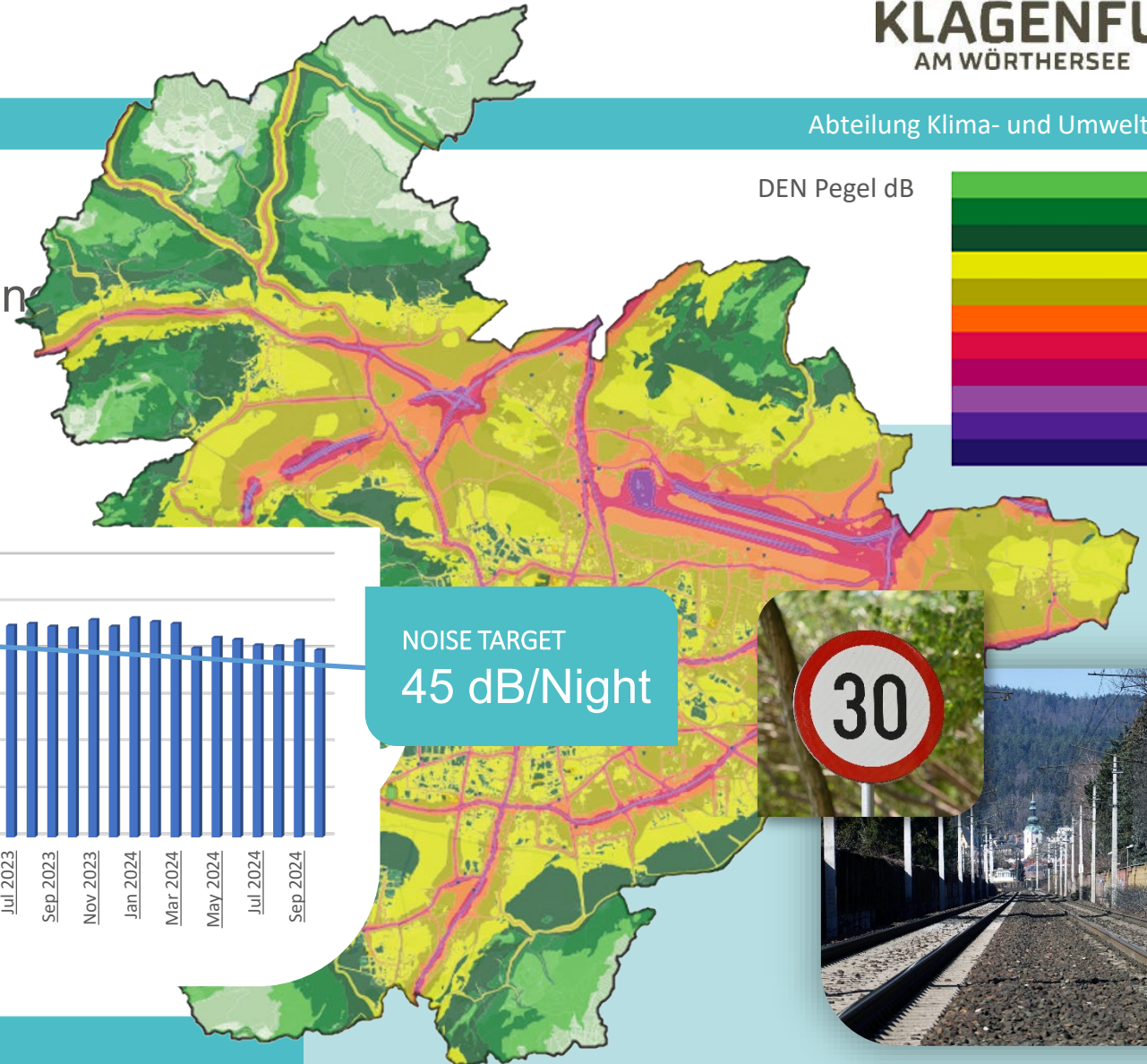


Number of Days with Exceedances of Limit Values Development of Air Quality (PM10)



Noise

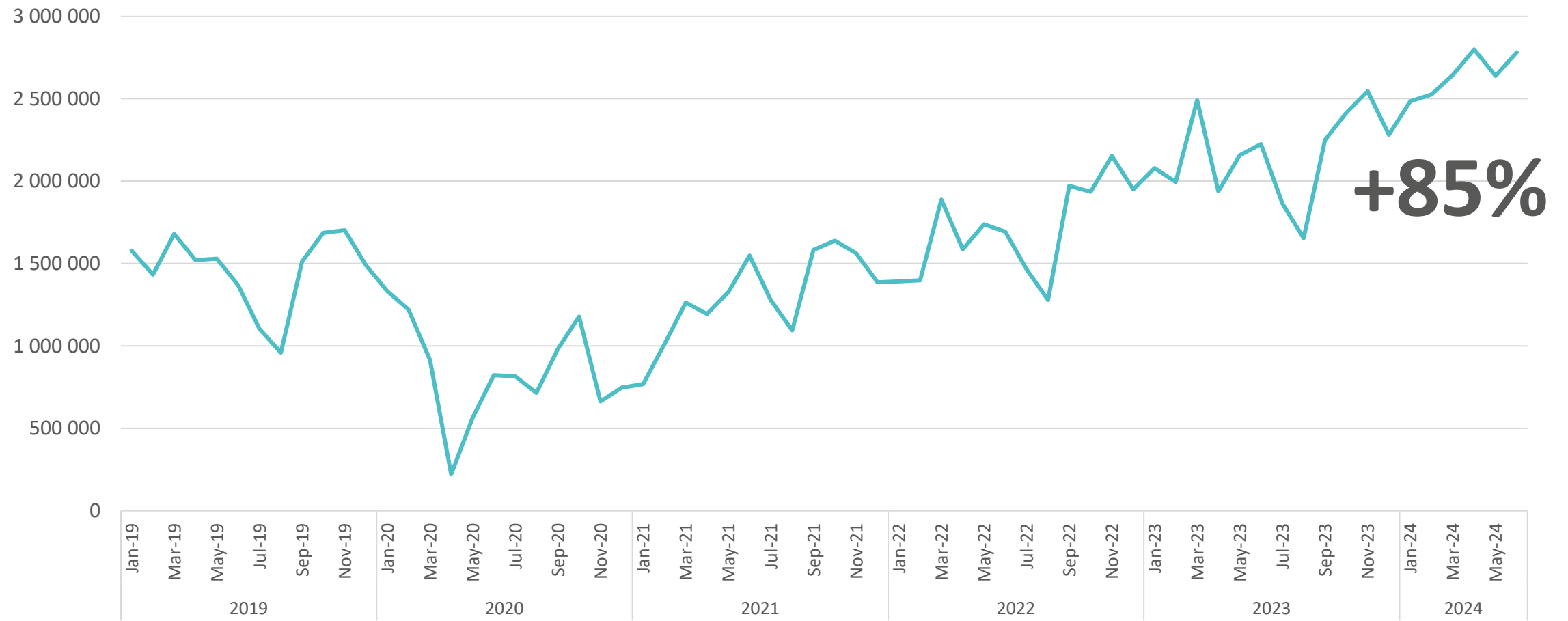
-  Detailed modelling
-  2 permanent measuring stations online
-  Awareness raising
-  Noise protection measures



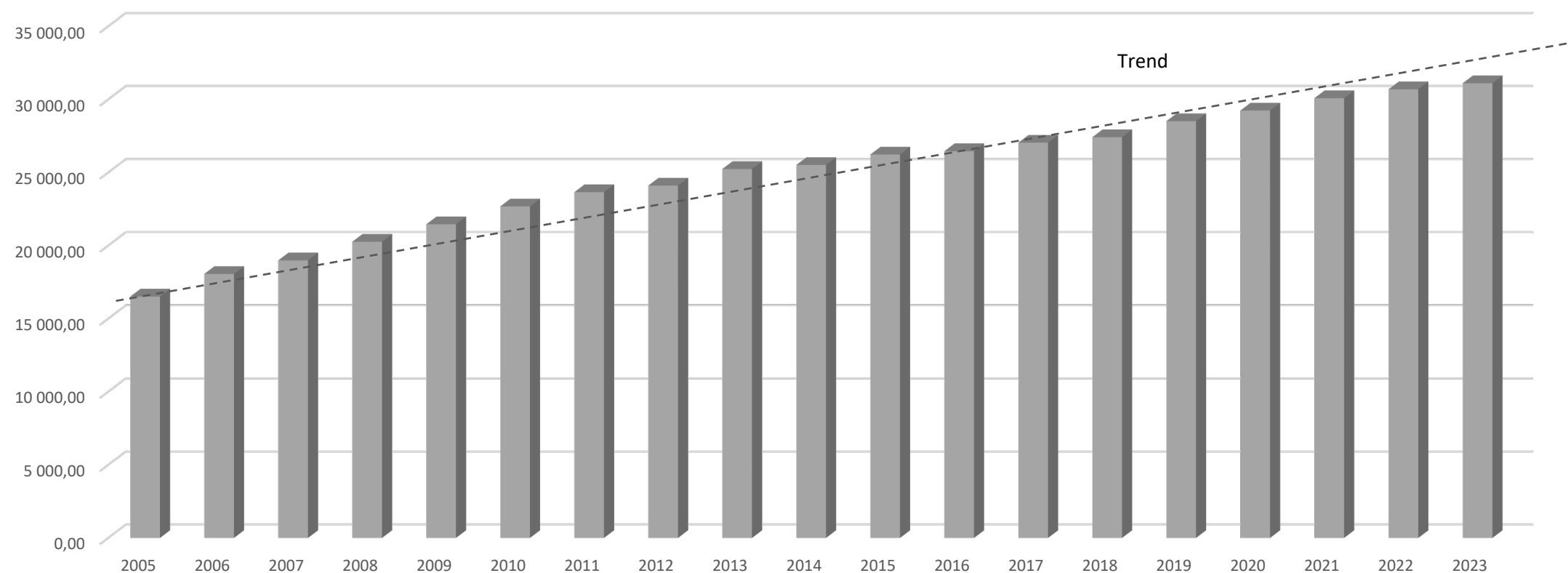
NOISE TARGET
45 dB/Night



Public Transport Passenger Kilometers



District Heating Connections Residential Units



Smart Climate Lab Klagenfurt



Department of Climate and Environmental Protection

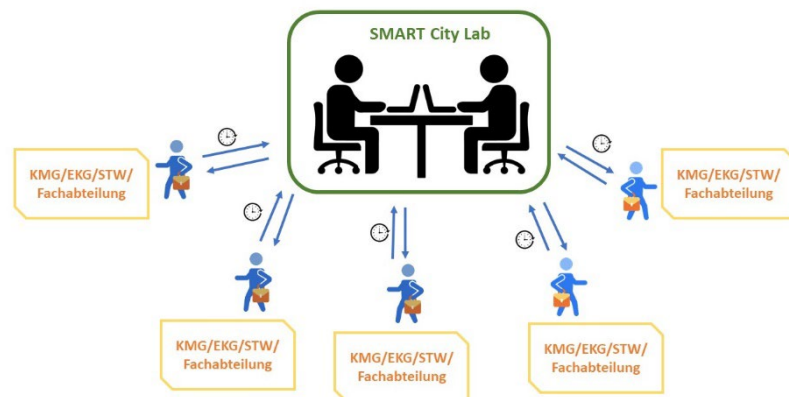
- Opened June 2023
- Financed by the Ministry of Climate under the Pioneer Cities Programme
- Citizens' Office – Inner City **contact point** for companies, organizations and citizens for all **topics relating to climate protection** and the way towards climate neutrality by 2030 and beyond.
- 5-6 employees (IPAK) trained in **funding management**
- Development of projects ideas to fundable and bankable project
- currently more than 30 climate funding projects are running
- **workshops** and **events**



SMART
CLIMATE
LAB

Involvement of Stakeholder

- Involvement of stakeholder by signing **climate protection contracts**
- **Project development** with the City, Stadtwerke and stakeholder
- Offering of funding management
- Involvement of the city's youth council
- Currently 26 contracts
- Ongoing integration of other companies, NGOs, Schools, Universities, associations etc



Events



Smart City District: Harbach

Ready for occupancy 2023



In Harbach, all topics are applied in an integrated manner

- Social space coordination with Diakonie
- Mobility hubs
- Repair café and local suppliers
- Community spaces and urban gardening
- Green space concept with public park
- Energy-efficient building methods
- One of 8 Smart City target areas
- Scaling of experiences to e.g.
 - Renovations of existing buildings
"Smart Dag Project"
 - Brownfield regeneration
"An der Glan Project"



Smart City Harbach





**KLAGENFURT**
AM WÖRTHERSEE

thank you for your attention



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