

Municipality of Eilat



EILAT IS PART OF THE **100 CITIES MISSION**, AIMING TO REACH CLIMATE NEUTRALITY IN THE 112 CHOSEN CITIES, BY 2030

The uniqueness of Eilat City lies in its ecological assets, the scarce coral reef, the remoteness from other communities, the extreme desert weather conditions, and its achievements as a leader in energy efficiency - **100% of the city's daytime electricity is from renewable sources.**

We are leading numerous R&D projects and innovative pilots in the fields of coastal protection, sustainable development, green energy and smart transportation.

WE PROPOSE EILAT AS A DEMO SITE TO TEST THE PROJECT'S RESULTS

We take part in building strategies that take into account regulation, citizens' welfare, environmental protection and the economy's growth;

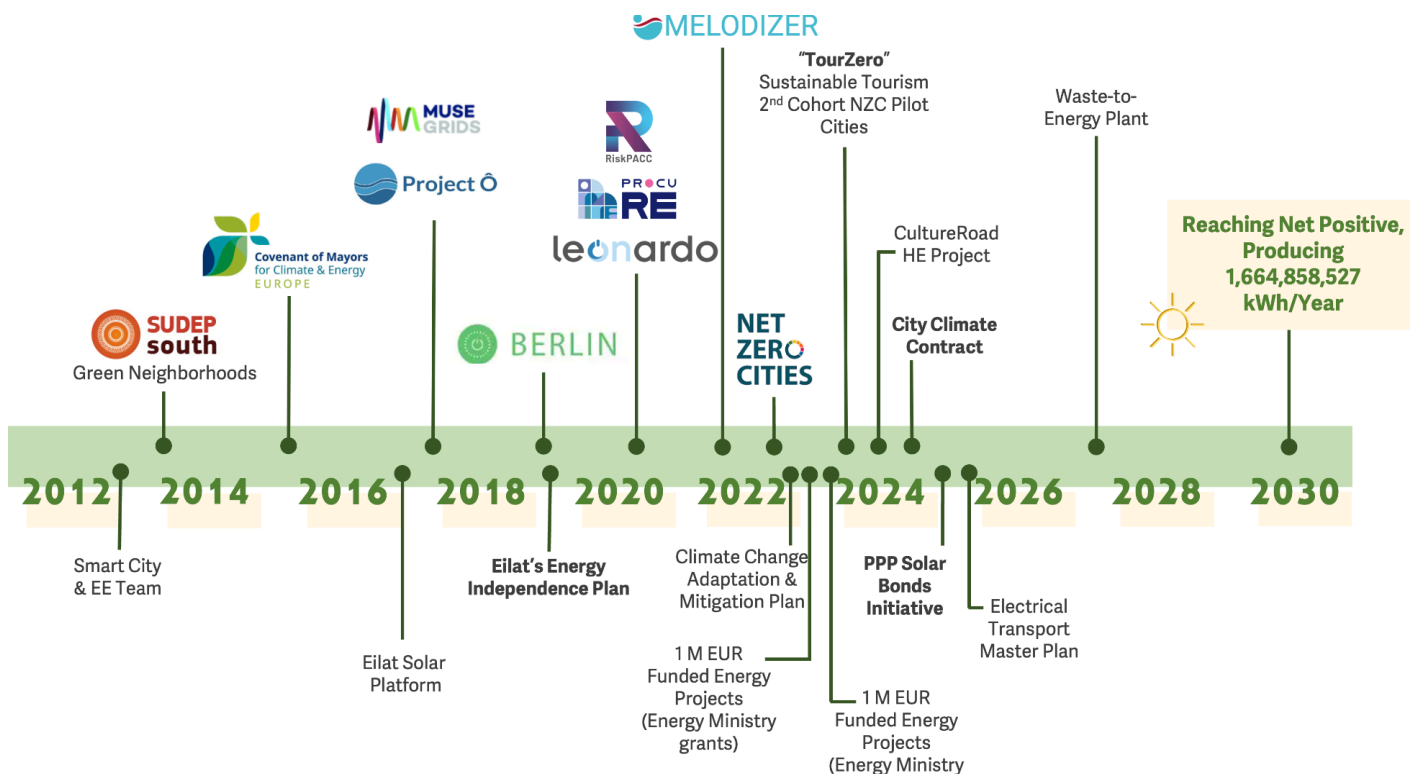
Sustainable development is our key priority. We have a designated Smart City team of professionals who are dedicated to implementing innovative and sustainable solutions in the Eilat-Eilat region.



CONTACT US

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RELEVANT OPEN CALLS

ENERGY

- Low-disruptive renovation processes using integration of prefabricated solutions for energy-efficient buildings
- BIM-based processes and digital twins for facilitating and optimising circular energy renovation
- Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy
- Digital solutions to foster participative design, planning and management of buildings, neighbourhoods
- Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built
- Emerging energy technologies for a climate neutral Europe
- Integrated flexible multipoint megawatt charging systems for electric truck mass deployment
- Smart grid-ready buildings
- DACCS and BECCS for CO2 removal/negative emissions
- Digital tools for CSP and solar thermal plants
- Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership)
- Innovative, Community-Integrated PV systems
- Market Uptake Measures of renewable energy systems
- PV-integrated electric mobility applications
- Resource Efficiency of PV in Production, Use and Disposal

ICT

- FAIR and open data sharing in support of the mission adaptation to climate change
- New technologies and solutions for reducing the environmental and climate footprint of RIs
- Development of tools, solutions, modules to enable R&I on the social aspects of the green transition
- New digital twins for Destination Earth
- Piloting emerging Smart IoT Platforms and decentralized intelligence

TRANSPORT

- A new framework to improve traffic safety culture in the EU
- Advanced digital development tools to accelerate the development of software defined vehicles
- AI for advanced and collective perception and decision making for CCAM applications (CCAM Partnership)
- Assessment of air pollutant emissions from low-carbon fuels in the heavy-duty, aviation, and maritime sectors
- Coordinating and supporting the combined activities of member and associated states
- Demonstration of Technologies to minimise underwater noise generated by waterborne transport
- Effects of disruptive changes in transport: towards resilient, safe and energy efficient mobility
- Improved transport infrastructure performance
- Optimising multimodal network and traffic management, harnessing data from infrastructures
- Scenario-based safety assurance of CCAM and related HMI in a dynamically evolving transport system
- Smart, low-cost pervasive stationary slow charging and bi-directional solutions synergic with the grid for EV
- Structuring the Waterborne transport sector, including through changed business and industrial models

OTHER SMART CITY TOPICS

- Next generation low-emission, climate-resilient pathways and NDCs for a future aligned with the Paris Agreement
- Harmonised / Standard protocols for the implementation of alert and impact forecasting systems
- Hi-tech capacities for crisis response and recovery after a natural-technological (NaTech) disaster
- HORIZON-CL3-2024-INFRA-01-01 Open Topic
- HORIZON-EIE-2024-CONNECT-01-02 Startup Europe