GREEN CITY SOLUTIONS IN THE LIGHT OF CLIMATE CHANGE

CITY OF KRANJ
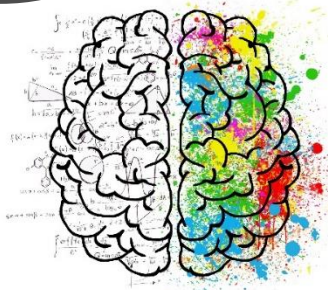
CITY OF KRANJ

THIRD largest city in SLOVENIA

57.200 INHABITANTS

becoming sustainable, green and smart city

the Silicon Valley of the former Yugoslavia

E-MOBILITY → City of Kranj named the best e-mobility City Municipality in Slovenia in 2021

replacement of vehicles of the municipality and some public institutions with e-vehicles

a private-public partnership

With the full implementation of the project the savings will be slightly bigger than the annual electricity consumption in the building of the Kranj City Library.

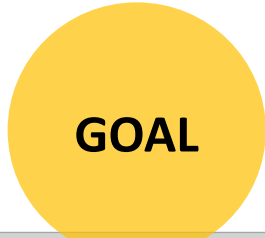setting up public charging stations in urban areas

The 150 tons of CO_2 will be saved = as much as it is absorbed by about 8000 trees.

installing rooftop solar power plants

SUSTAINABLE TRANSPORT

car sharing

GOAL

to make the city friendly for cyclists, pedestrians and sustainable transport

Park & Ride → this year

electric minibus in the city centre (free of charge)

electric buses

From 1st June on city public transport free of charge for pensioners, people over 65 and disabled

hybrid buses

4 million € → 2,8 million €

EKO SKLAD
SLOVENSKI OKOLJSKI
JAVNI SKLAD

CYCLING AREA

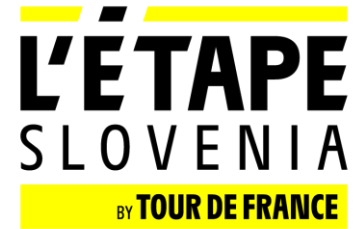cycling lanes

2021: over 60 km

2017: 24 km

Centre for sustainable mobility

The **largest electrified** bike sharing system in Slovenia:
76 e-bikes,
2 electric tricycles,
95 bikes
at 28 locations.

GORENJSKA.BIKE

5 municipalities

L'ÉTAPE SLOVENIA BY TOUR DE FRANCE

GREEN CITY

A goal: to plant 1000 trees in two mandates.

green roofs

LONG TABLE – sustainable culinary event
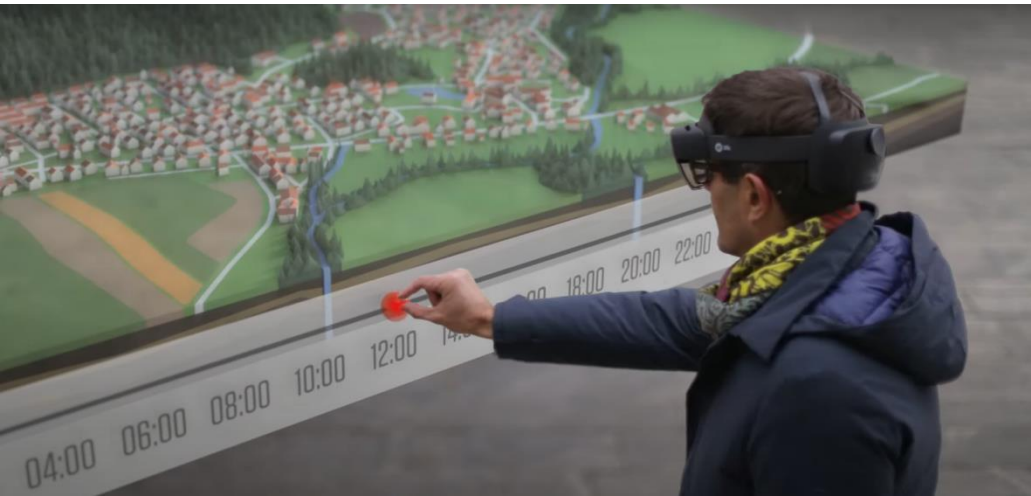
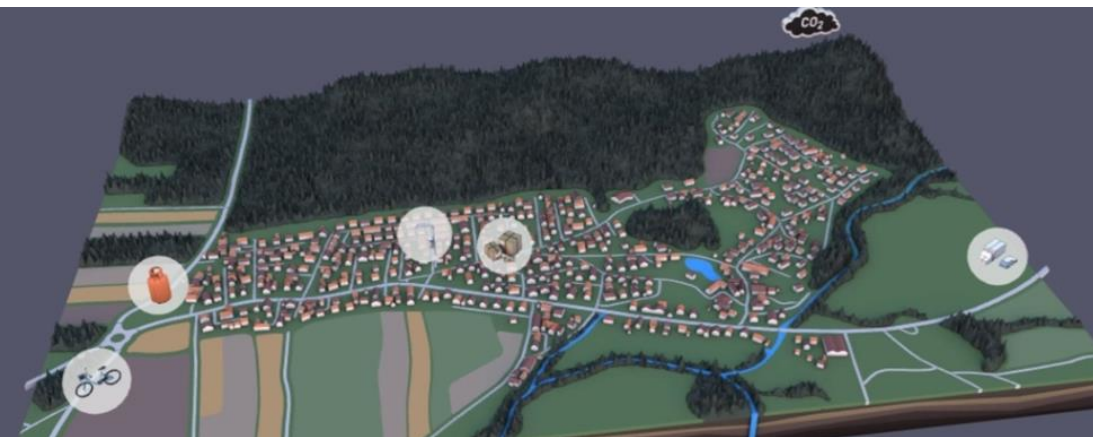2022: establishing the biggest park in the city, covering 7500 m2 – the area was abandoned for more than 10 years

SLOVENIA GREEN DESTINATION Gold

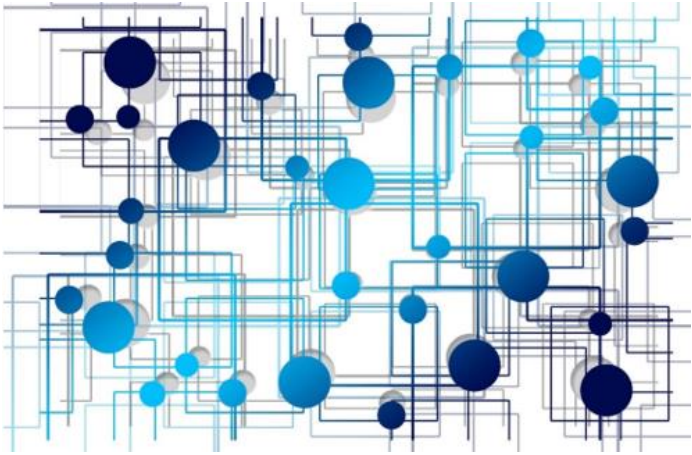Zero Waste SLOVENIJA

DIGITALIZATION

Smart City – Mlaka

→ 2020: a pilot project Smart neighbourhood Mlaka.
→ 7 companies developed solutions for establishing Kranj as a smart city.
→ Those include collection, display and analysis of data from smart meters (electricity, gas, water), smart sensors for the environment and traffic.
→ The whole solution of digitization of the smart neighbourhood is also shown with the help of a virtual model, so called digital twin, that simulates neighbourhood functioning systems through smart solutions.
→ This enables the monitoring of up-to-date data or the "live" situation, which is the first case of its kind in Slovenia.
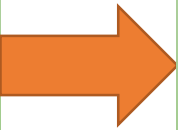→ It monitors: smart lighting, smart environment, smart traffic, smart energy …

→ Card and application,
→ designed as an open card (Visa, Mastercard),
→ used for paying the services of public institutions and companies (parking, theater, public transport, bike sharing, car rental etc.) as well as the services of private companies (restaurants etc).
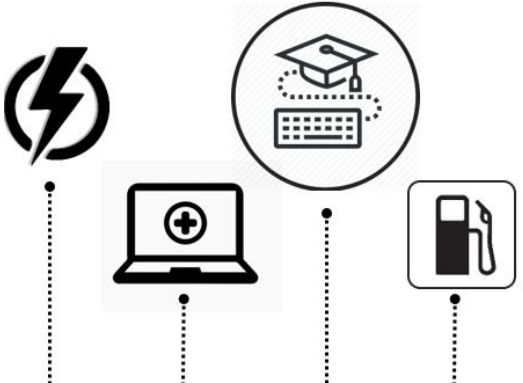
G O A L

→ to raise the quality of life of citizens with useful digital solutions
→ to become one of 100 climate-neutral and smart European cities by 2030

Kranj was confirmed by European Comission as a member of the mission of 100 climate-neutral and smart cities on 28th April 2022

THANK YOU FOR YOUR ATTENTION

CITY OF KRANJ