

CITY OF SPLIT

Environmental protection: How can local elected representatives make a difference

**Ivica Puljak
Mayor**



OBJECTIVES AND GOALS



- Split is the second largest city in Croatia
 - 160,577 inhabitants
- The largest city on the Croatian Adriatic coast
 - Centre of the Urban Agglomeration Split
- Strategic importance: its location
 - 2nd largest Croatian seaport
 - One of the leading passenger ports in the Mediterranean
 - 2nd largest airport by number of passengers

OBJECTIVES AND GOALS



- Split's ambition: the most **modern green city** in Croatia and the region
- A place that cares for nature
 - Where all potentials are used and resources are rationally managed
- City of Split is developing green policies
 - Implementing blue-green solutions to ensure green spaces, biodiversity and climate change adaptation.
- Split is a smart city
 - Using technology to deliver services and solve urban problems

STRATEGIES AND PROJECTS

Urban development strategy

Sustainable Urban Mobility Plan (SUMP)

Program for mitigating climate change and adopting to climate change

Split Green City Action Plan (GCAP)

Project Agglomeration Split-Solin

Improving the air quality monitoring system

Increasing the capacity for solar energy production

Greening of the city of Split

Rehabilitation and closure of the "Karepovac" landfill

Project Reconstruction and development of Žnjan

"Park and Walk" and "Park and Ride" facilities

City of Split- development documents

- **Strategy for the development of the City of Split until 2030**
 - Fundamental medium-term act of strategic planning
 - Participatory document, produced with experts and citizens
- **The Sustainable Urban Mobility Plan for the City of Split (SUMP)**
 - Strategic document in the field of transport
 - Quality of life of citizens and visitors at the center of planning
- **The Green Split Action Plan (GCAP)**
 - Green Cities program of the European Bank for Reconstruction and Development (EBRD)
 - Addresses environmental challenges
 - Including water, air, soil protection and climate change prevention
 - Proposes projects and policies for the management and planning of municipal infrastructure
 - Such as water infrastructure, energy, waste management, transport systems, public building and green space management
- **Program for mitigating climate change, adapting to climate change and protecting the ozone layer**
 - Local document that defines adaptation and mitigation measures in various sectors to anticipate the negative impacts of climate change and prevent or reduce damage

Split-Solin Agglomeration project

Improvement of the water and utility infrastructure

The aim of project: **Upgrade and extension of the the water supply, drainage and wastewater treatment system**

Or in simple terms: **Provide clean sea and clean water for all citizens**



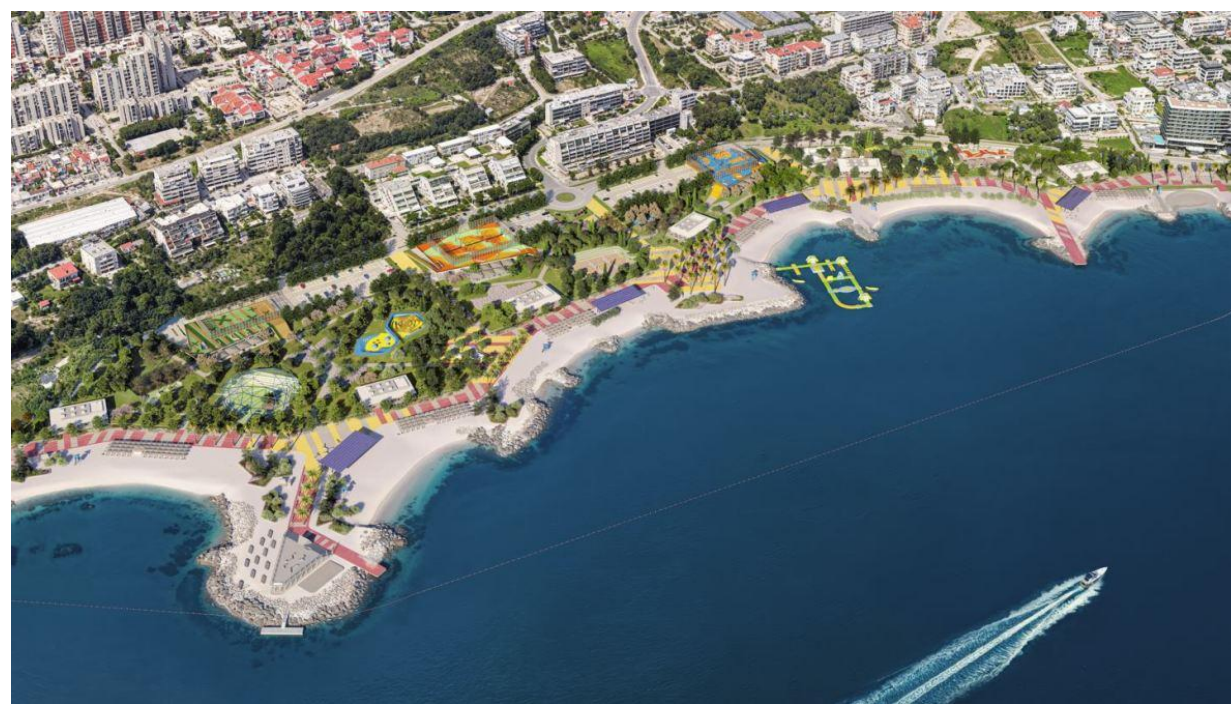
- Increase in the level of connection to the public sewerage system from the current 87% to 97% of the population
- Clean sea: **new wastewater treatment plant for all wastewater**
 - Higher level of biological treatment (level II)
- Clean water: **new drinking water cleaning facility**
 - Ensure the long-term quality of the sources of the Jadro and Žrnovnica rivers and preserve their ecosystem
 - Enable the connection of an additional 4,000 residents to the public water supply
- Total project value: **EUR 321,282,030.49**
- EU project co-financing: EUR 165,365,077.30 (68.01%)
- Project implementation period: 2.1.2024-30.04.2028

Rehabilitation and closure of the "Karepovac" landfill



- Project implementation period:
1.1.2017 - 31.12.2026
- Status: **In progress**
- Total project value:
38,357,926.82 €

Reconstruction and development of the Žnjan beach

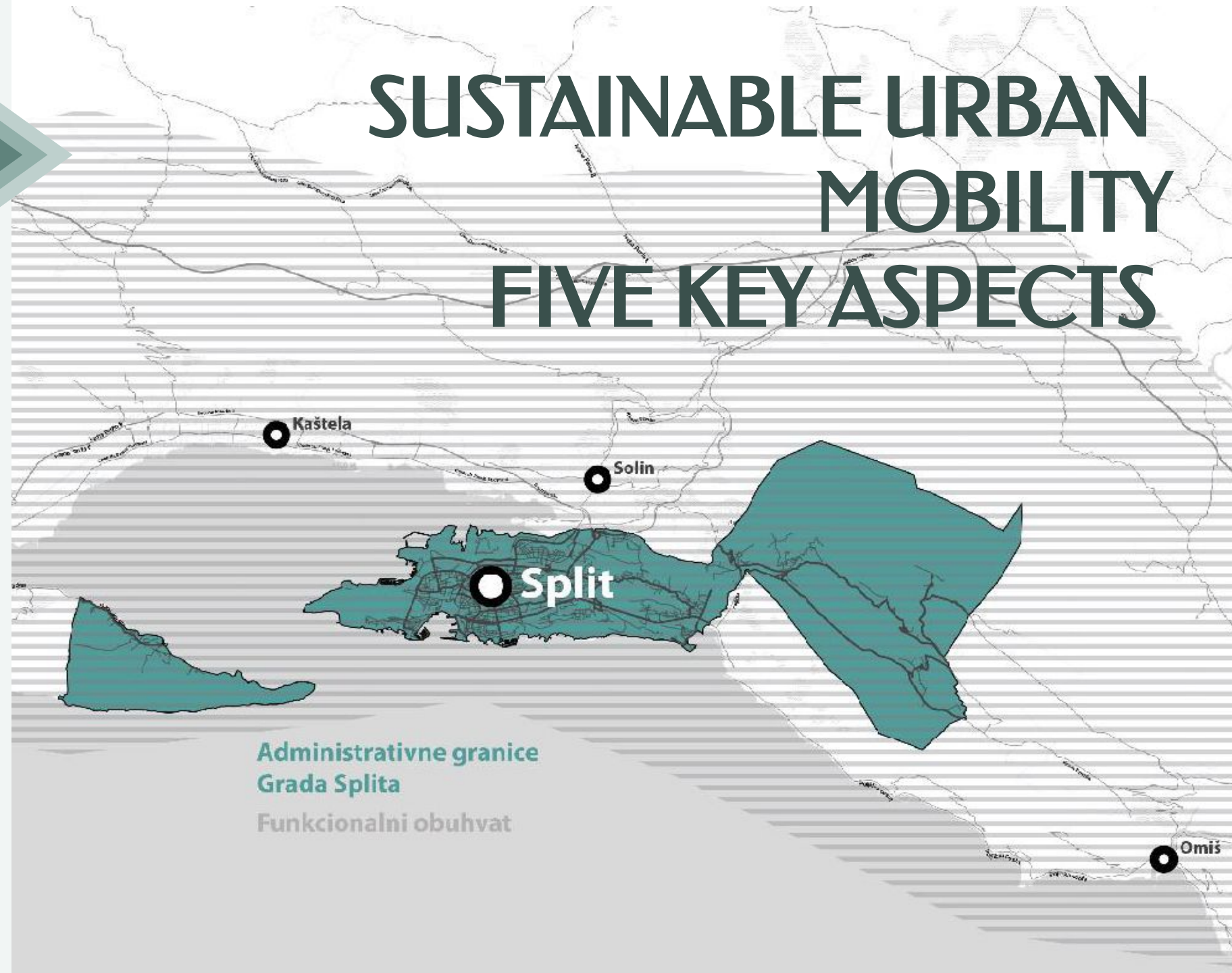


- One of the largest public space projects in Split in the last 45 years
- Construction period: February 2024 – May 2025
- When completed Žnjan beach will
 - become the second largest green area in Split, with around 48,000 m² of greenery
 - citizens of Split and all visitors will get a place for rest, recreation and the creation of new memories
 - stand alongside the best European beaches
- Total value of project is 45 500 000 €
 - EU funds and European Investment Bank loan

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IMPROVING
PUBLIC
TRANSPORT

SUSTAINABLE URBAN MOBILITY FIVE KEY ASPECTS



1

IMPROVE
PUBLIC
TRANSPORT

2

IMPROVE
PUBLIC
BIKE
SHARING
SYSTEM

3

EXTEND
PEDESTRIAN
ZONES

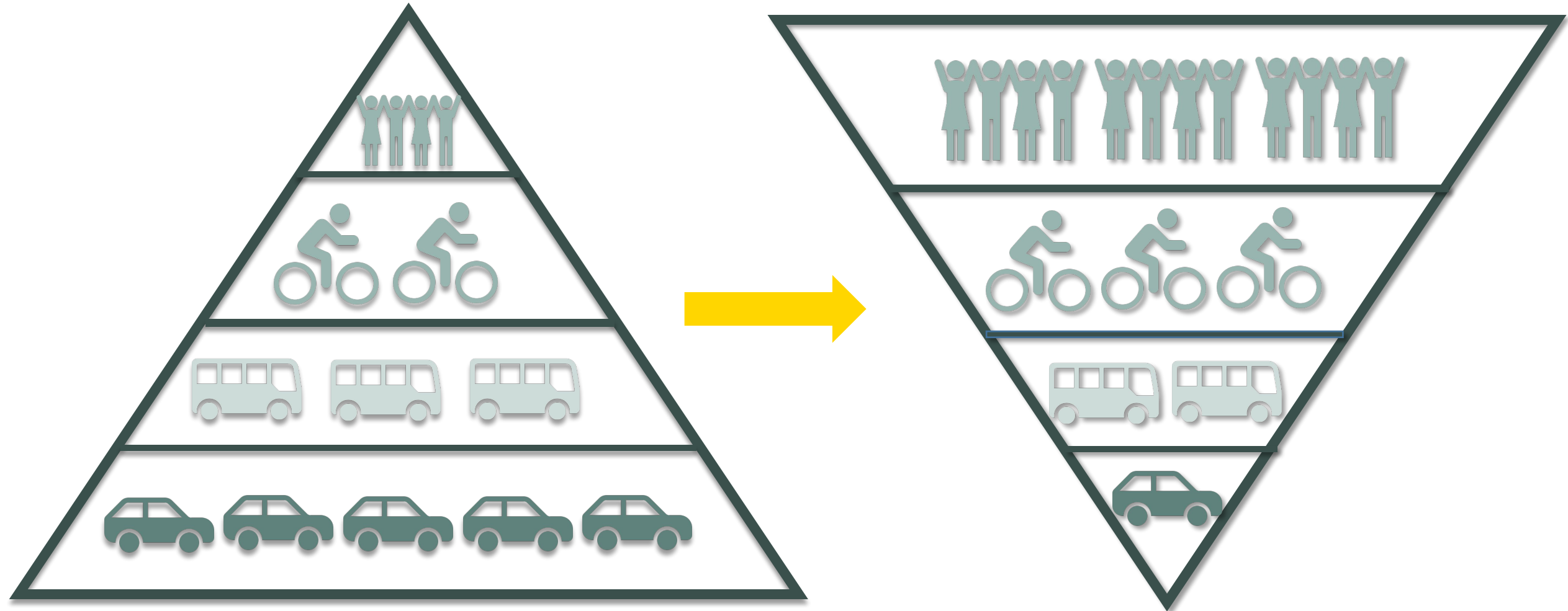
4

BUILD NEW
PUBLIC
GARAGES

5

IMPROVE
SAFETY

SUSTAINABLE URBAN MOBILITY PYRAMIDE



INTELENTNI
TRANSPORTNI
SUSTAVI SPLIT

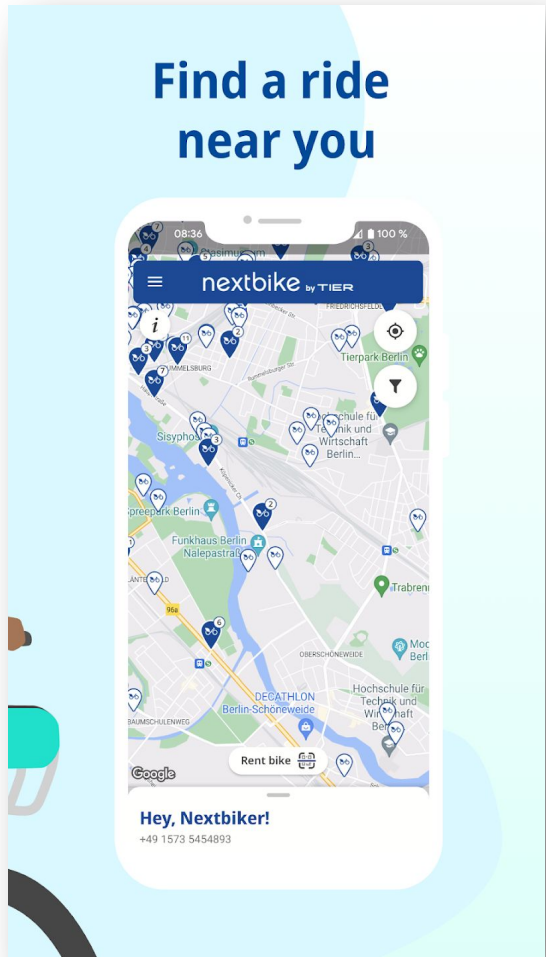


INTELLIGENT TRANSPORT SYSTEM (ITS)

INTELLIGENT TRANSPORT SYSTEMS

- Technological upgrade of classic transport system
- Includes several sub-systems that cover
 - Traffic management
 - Video surveillance of traffic
 - Mobile app for passenger info
 - Interchangeable traffic signs
 - Public transport prioritization
 - Weather monitoring
- Traffic Control Center





PUBLIC

BIKE

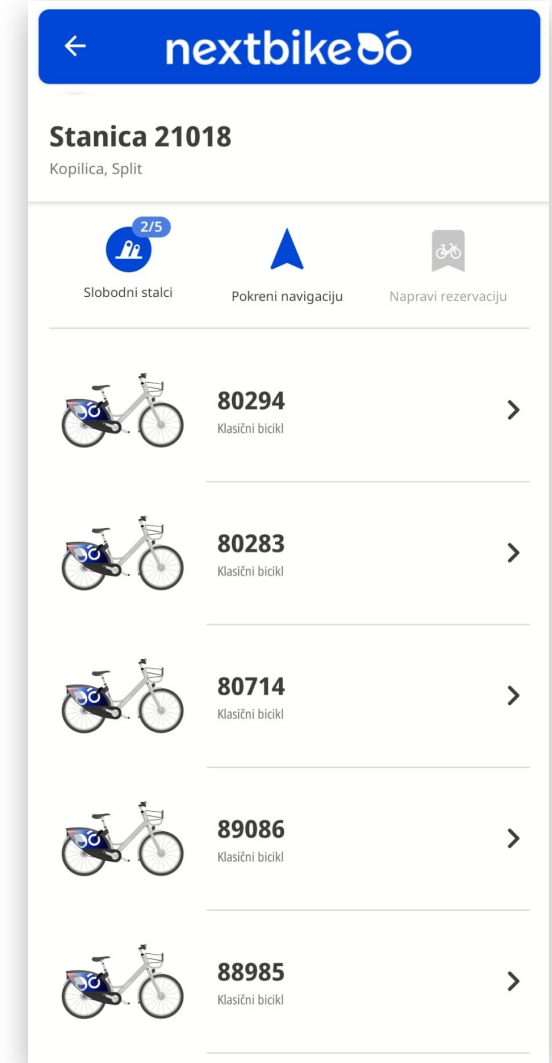
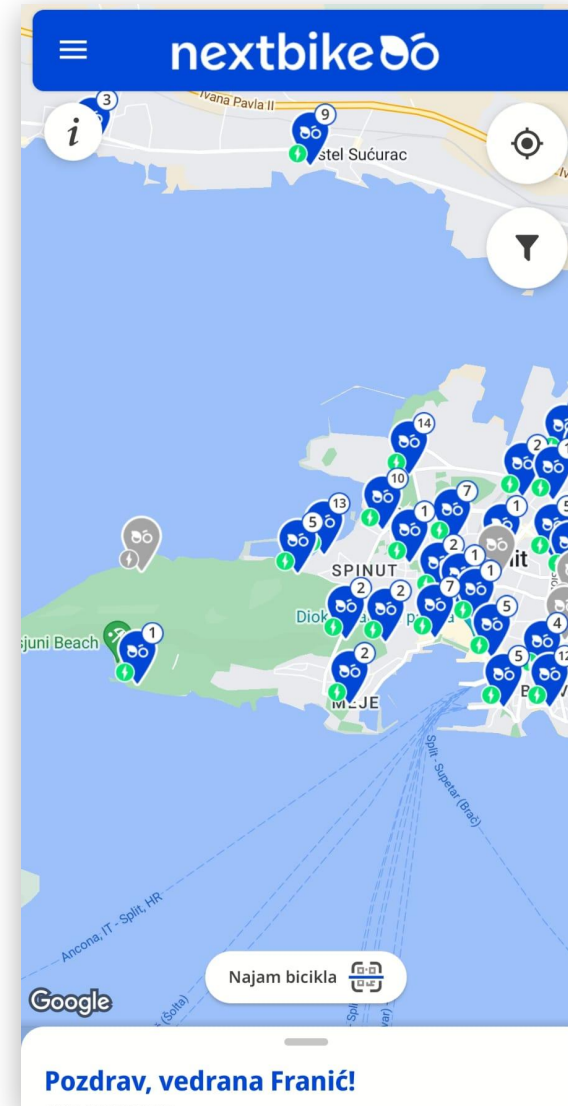
SHARING

SYSTEM



PUBLIC BIKE SHARING SYSTEM

- Implemented through several EU projects
 - REMEDIO (2019 □ 8 stations +4)
 - SUTRA (2020 □ 4 stations)
 - ITU project – bike system in urban agglomeration (2022 □ 41 station)
- 67+ locations (212,223)
- 1,1 m+ leases in 6y
- 87k+ registered users
- 5,4 million kms in 6y



In January 2024, we achieved a million rentals – together we are building the future of our city!

PUBLIC BIKE SHARING SYSTEM: Beginning and end points

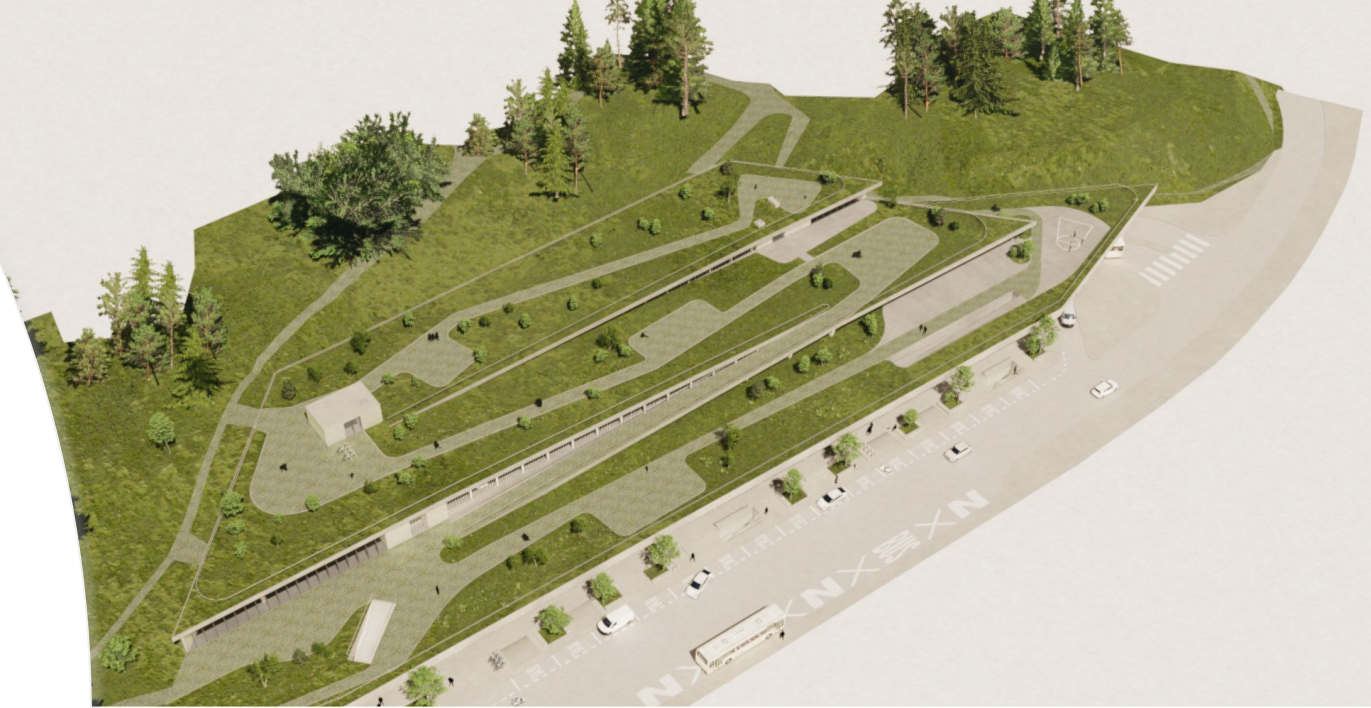


PARK AND RIDE SYSTEM



PARK & RIDE SYSTEM

- Two new large P&R garages by 2028
- Completely integrated in the landscape
- New green spaces
- For citizens and visitors



Energy: renewables and efficiency



- **SuSTainable project: solar panels on 14 public buildings**
 - 10 primary schools, 3 kindergartens, 1 basketball hall
 - 0.8 MW power, 650 k EUR investment, 100k EUR annual savings
 - Funding: 85% Norway/Island/Liechtenstein fund, 15% local
- **New LED city lights**
 - Old town, 2.6M EUR, in preparation
 - The rest of the city, 6.6M EUR, in the final phase
- **Solar panels everywhere**
 - Basically on all public buildings and public spaces (parkings, garages ...)
 - 15 MW power, 3.5M EUR investment
- **Energy generation @ restored waste landfill Karepovac**
 - Biomass gasification power generation, 3.5M EUR
 - Solar power plant, to be estimated
- **Public buildings energy efficiency**
 - Starting with schools and kindergartens, 2.6M EUR



sustainable

Iceland
Liechtenstein
funded by Norway grants

PRESERVE THE EXISTING AIR QUALITY OF I CATEGORY

- Improve the air quality monitoring system by increasing the number of stations and/or increasing the number of pollutants measured
- Reduce emissions of pollutants that negatively affect acidification, eutrophication and photochemical pollution
- Inform the public and raise public awareness about the state of air quality and emissions of pollutants into the air
- Reduce emissions of ground-level ozone precursors
- Inter-sectoral cooperation in the field of air protection



Important legal battle won: all environmental informations must be public



- Case of air pollution in the North Port area of Split
- The City of Split fought for the timely and complete delivery of information about air pollution from the competent institutions
- After a long legal battle the Supreme Administrative Court ruled:
 - **Information important for human health and environmental protection cannot be an inspection secret**
 - They ordered the State Inspectorate to deliver the requested documents to the City of Split, which we made public

Project „Greening Split”

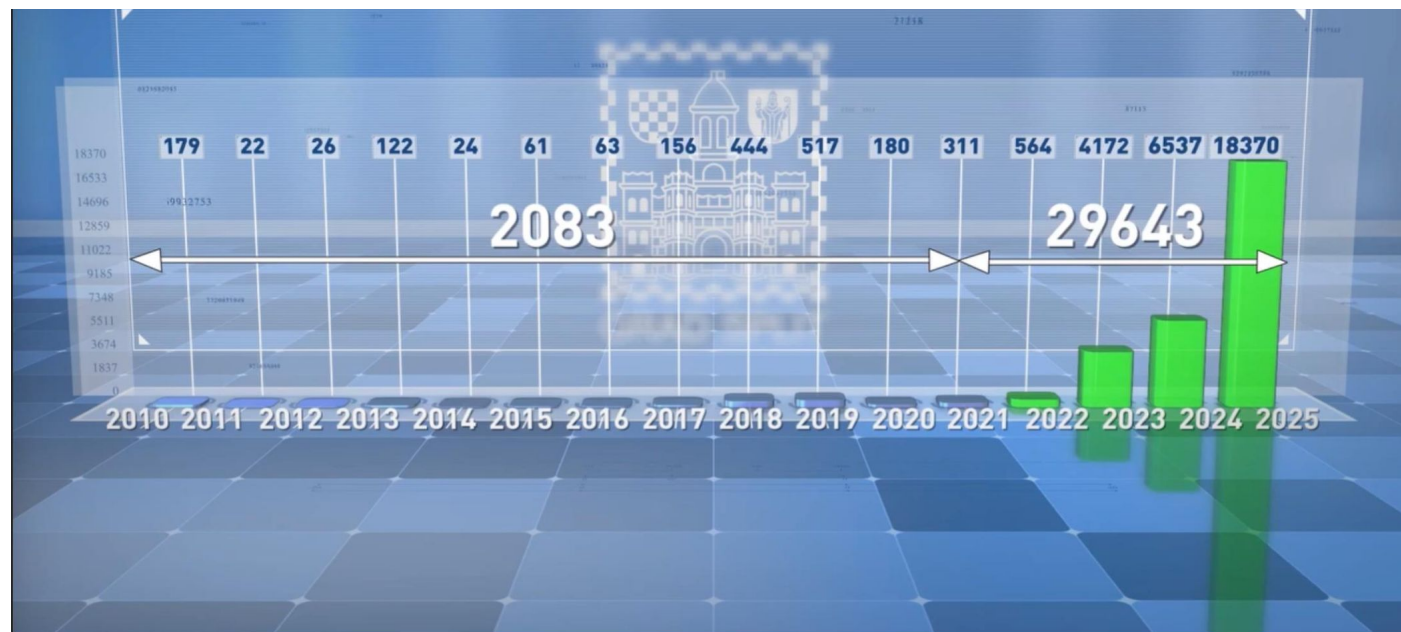
Conducted and outgoing projects:

- “ForGreenSplit”
- "Renewal of the green infrastructure of the city of Split"
- "Urban forest"
- "Green urban ecosystem“
- “Urban forest 3”
- "Green urban ecosystem 3

☐ MARJAN PARK FOREST (CITY LUNGS)

Number of trees planted: 9000 in past two years,
15 000 planned in 2025

NUMBER OF TREES PLANTED FROM 2010 - 2025



CITY OF SPLIT

THANK YOU!

Ivica Puljak
Mayor



GRAD SPLIT