

# CITY OF SPLIT

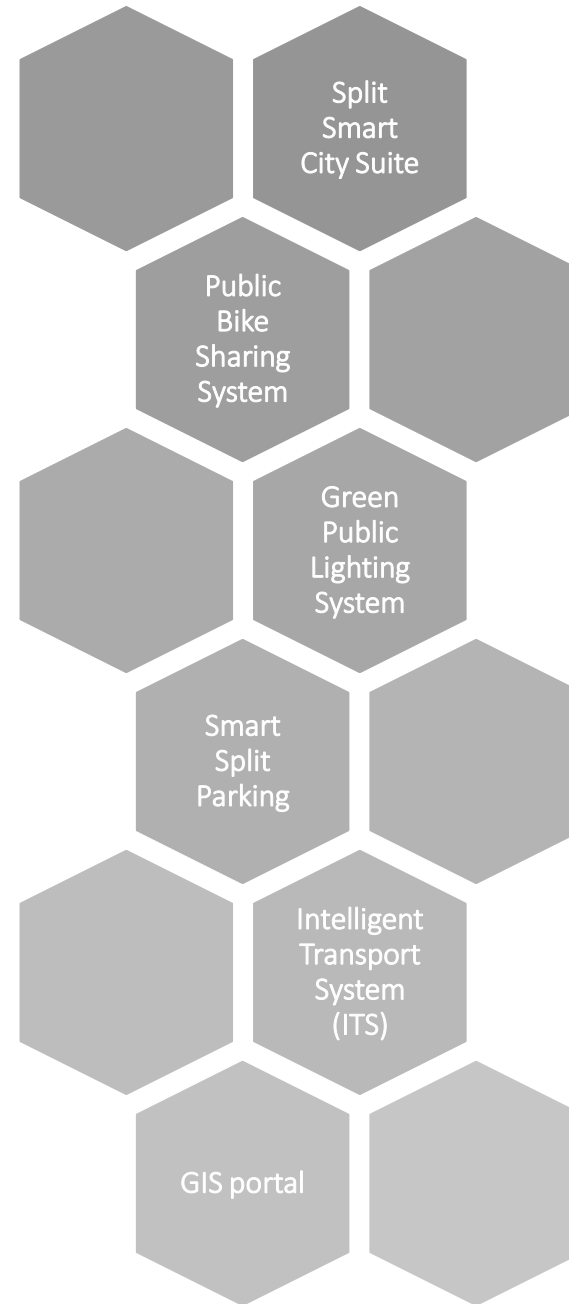
## Smart City Practices

Case of the City of Split, Croatia

**Ivica Puljak,**  
mayor



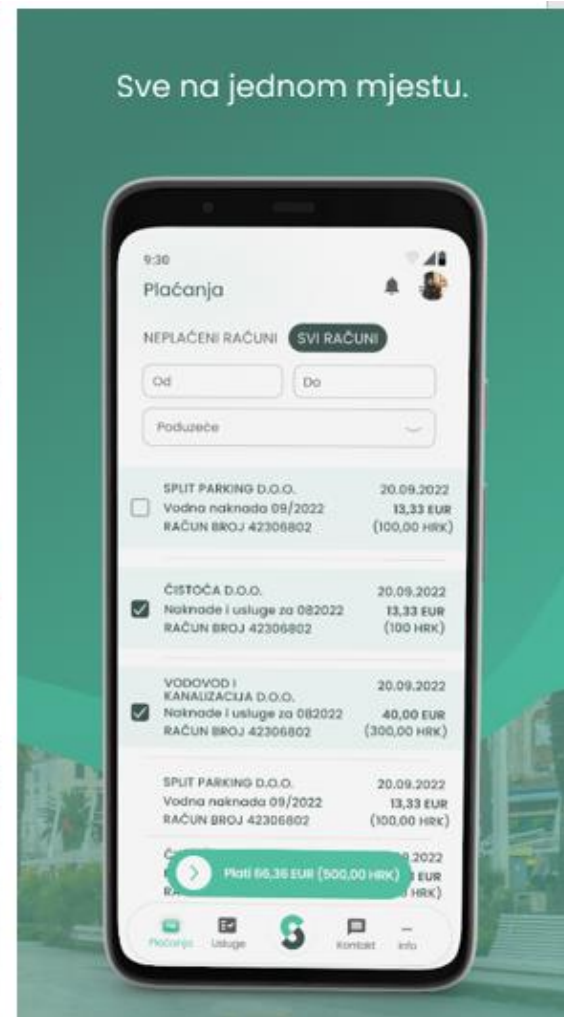
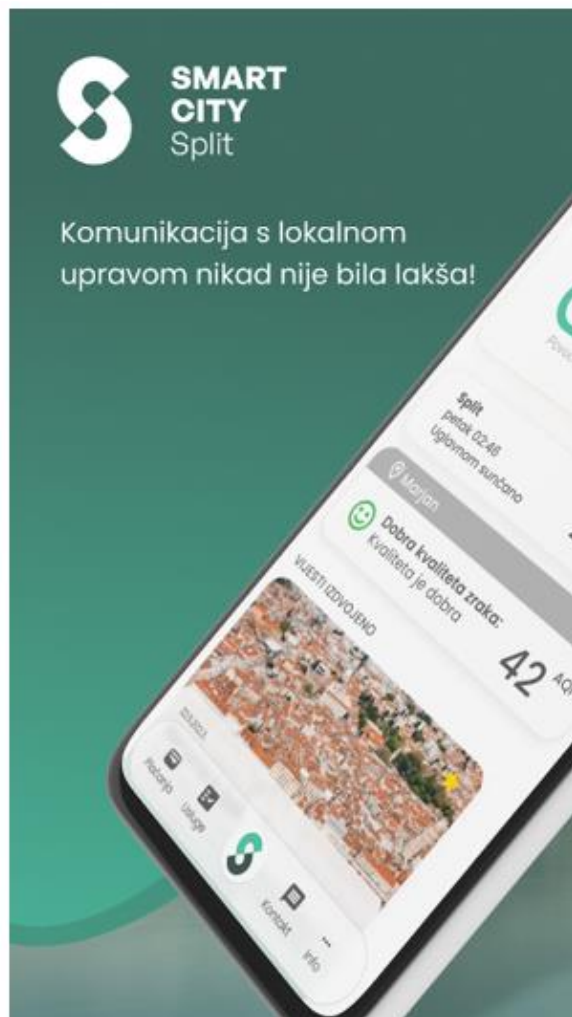
# SPLIT SMART CITY SOLUTIONS





# SPLIT SMART CITY SUITE

- Digital transformation of City's services
- Mobile and web apps
- Precondition for unification of all Digital City services
- Efficient communication with citizens and other users

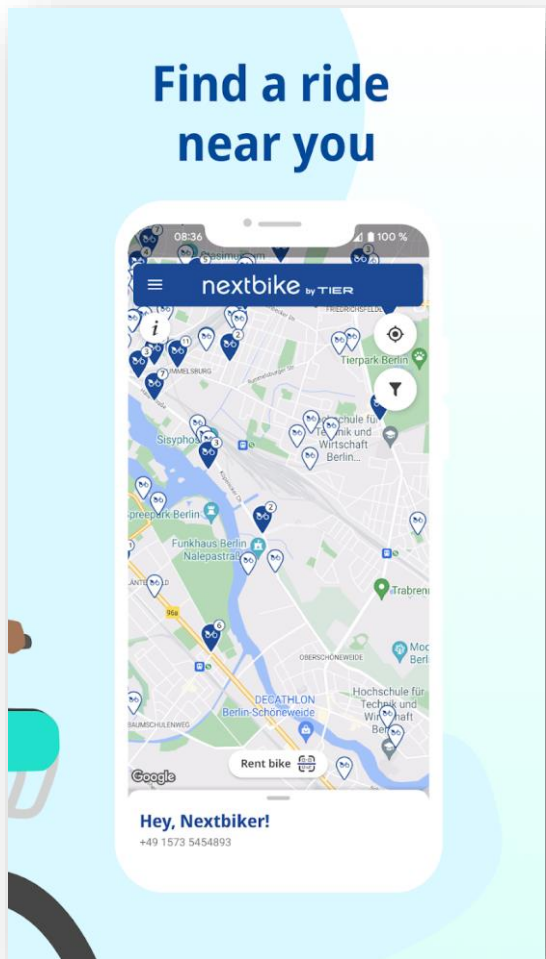


# GIS PORTAL

- implementation of the public 3D Portal of the City
- establishment of the utility infrastructure register
- the first phase of the public solar potential portal
- management of the greenery cadastre and public lighting of the City of Split
- <https://split-gisportal.gdi.net/portal/apps/sites/#/grad-split-hub-1-1/>







# PUBLIC

# BIKE

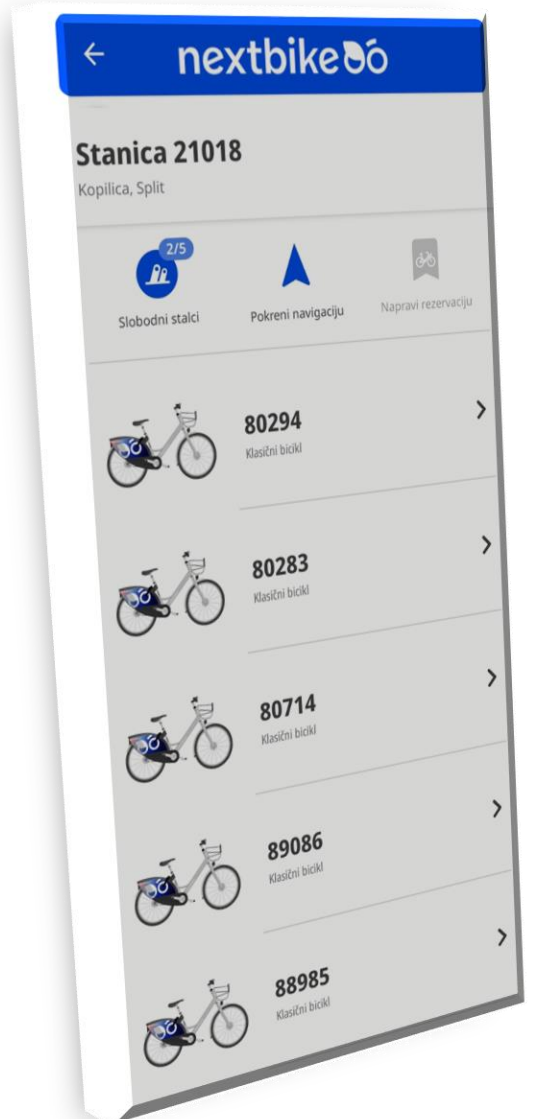
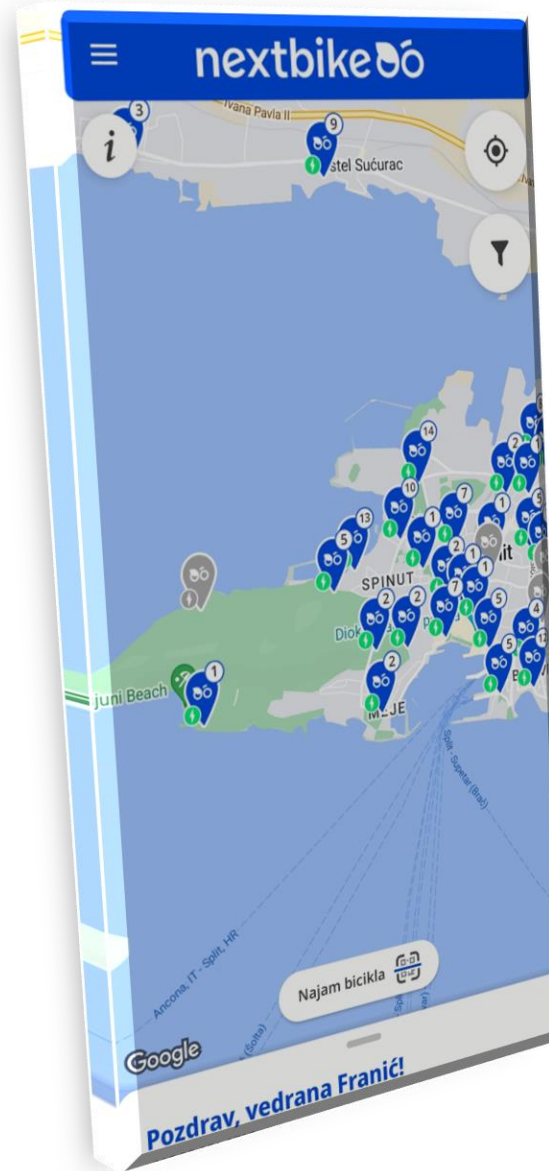
# SHARING

# 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





Pronaći slobodno  
mjesto nikad nije  
bilo lakše

Mogućnost plaćanja  
karticom i SMS-om

Anonimna prijava  
nepropisnog  
parkiranja

Instant prijava ((o))

# SMART SPLIT PARKING

Pronađi najbliži parking

3. ZONA ⌚ 07:00 - 19:00 Open Now

Moj auto ST - 356 - F >

SMS plati

Plati

Cijena 4kn/h



# SMART SPLIT PARKING

- Provided by City's company Split parking, Ltd
- Managing street and off-street parking lots, garages
- First complete Smart solution for parking in Croatia
- System with sensors
- Route planning by free parking lots
- Mobile app for easier payment & navigation to vacant lots
- 1.700 sensors
- Reporting of improperly parked vehicles



# E-TICKETING

# MODERNIZED

# BUS FLEET

**PROMET** d.o.o.  
Split



# MODERNIZED BUS FLEET

- Investor: Promet Split Ltd | €32,8 million
- 99 new euronorm6 buses
- Aim is to improve quality of public transport & reduce environmental impact of old fleet
- Co-financed by Cohesion fund

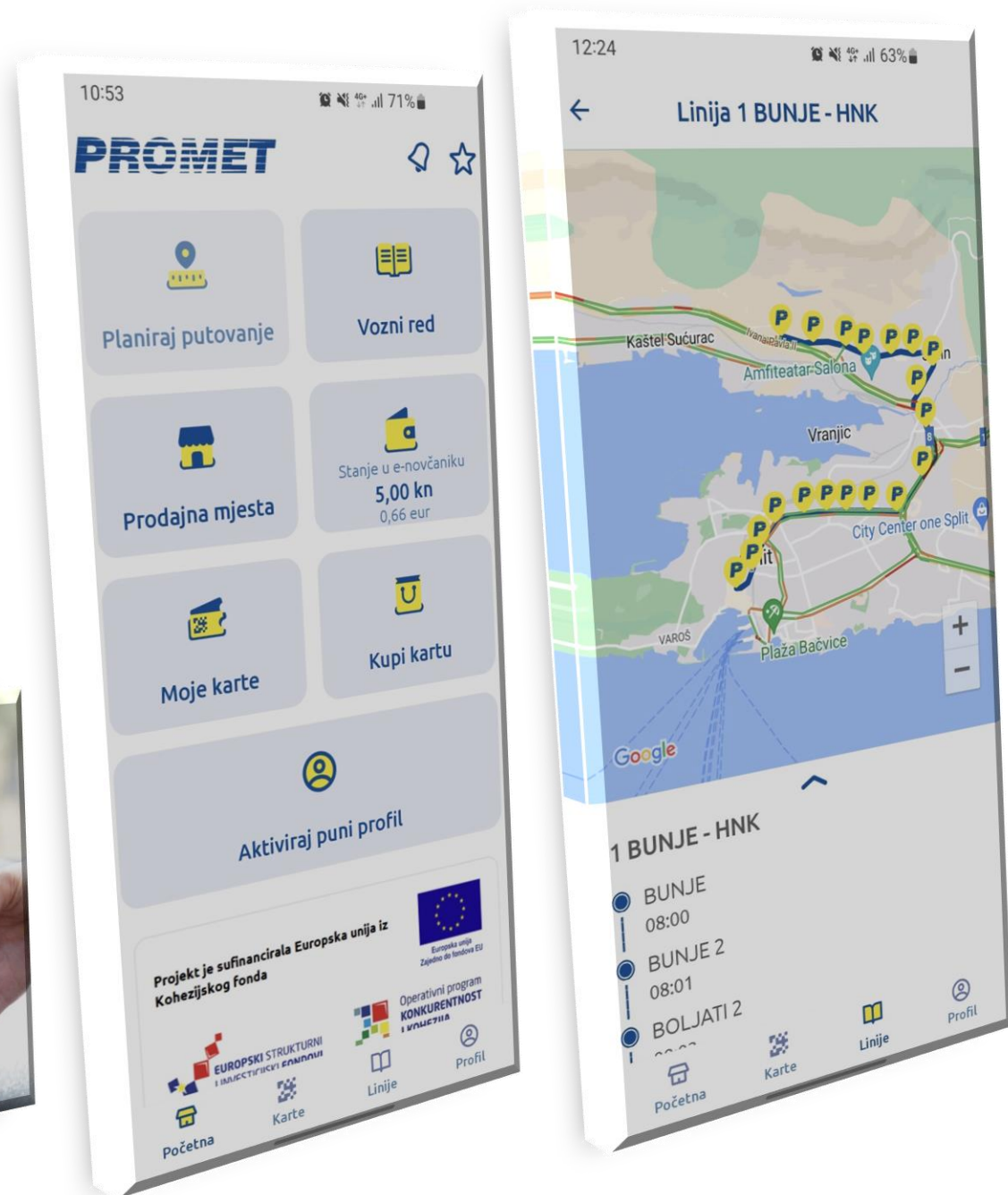
*Next year → public pronouncement for electric buses  
application to the public invitation of  
the Ministry of the Sea, Transport and  
Infrastructure – EU funds*



# E-TICKETING

- Implementation in all buses
- Improve the accessibility of public transportation for users
- Increase passenger awareness
- Enhance data management systems
- Raise public awareness about the benefits of using public transportation
- the application has been downloaded over 260,000 times

*Next year → e-ticketing II*





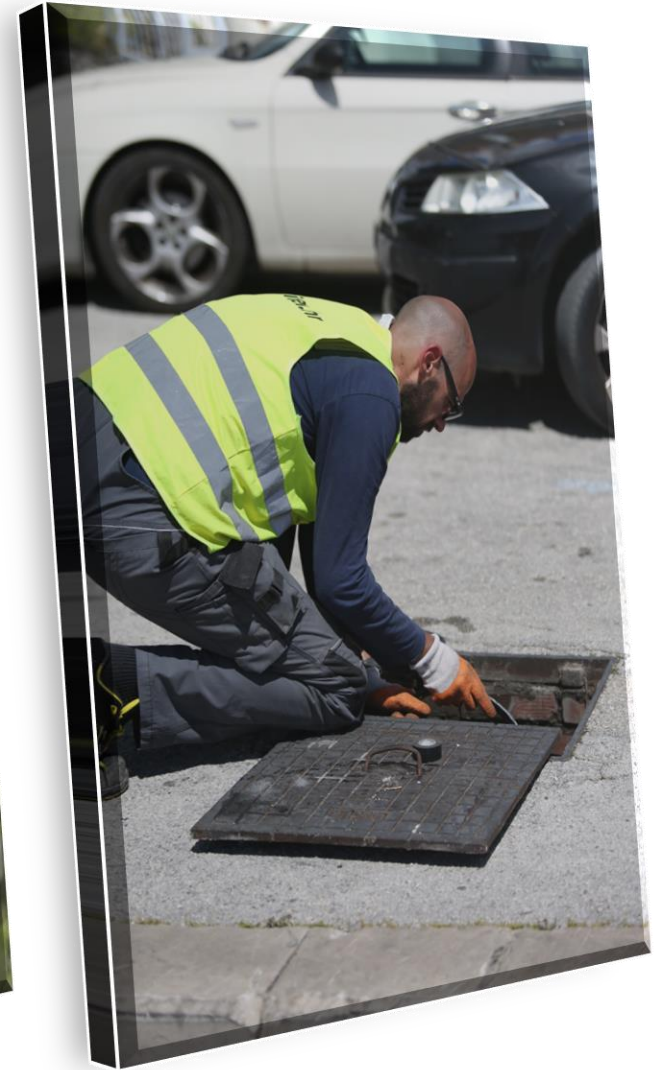
INTELLIGENTNI  
TRANSPORTNI  
SUSTAVI SPLIT



# INTELLIGENT TRANSPORT SYSTEM (ITS)

# INTELLIGENT TRANSPORT SYSTEMS (ITS)

- 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

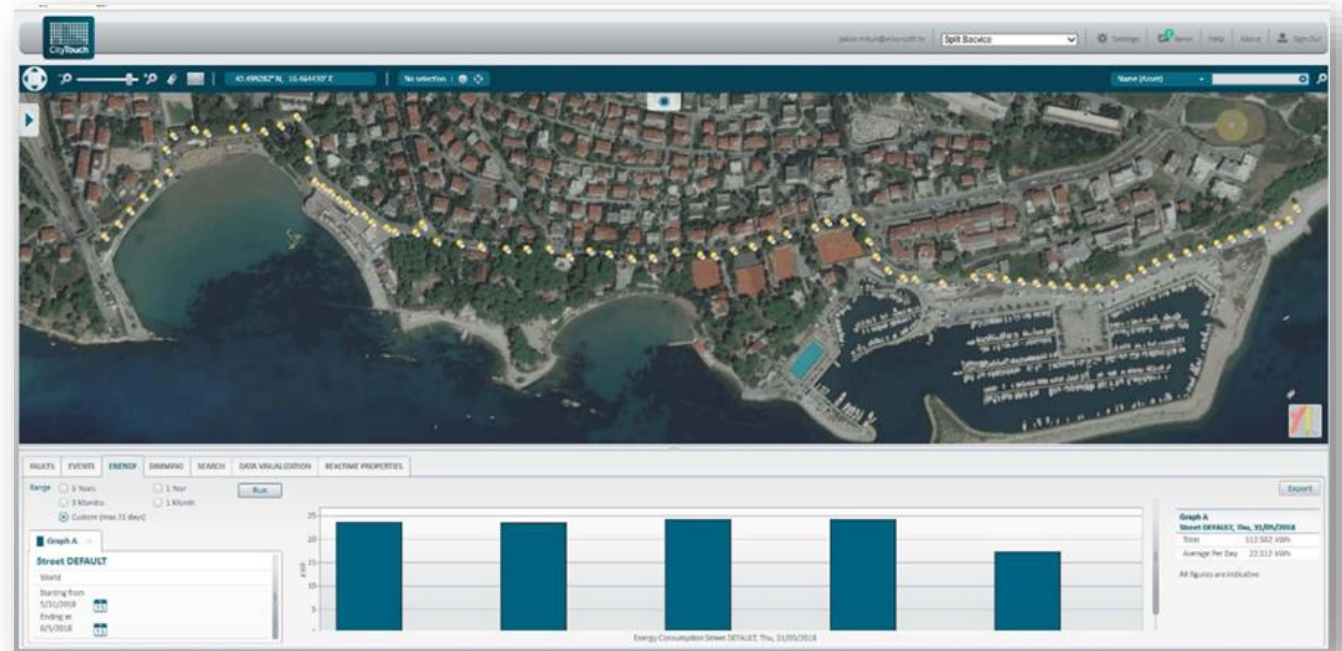




# MODERNIZATION OF PUBLIC LIGHTING SYSTEM

project includes the reconstruction of 18.329 existing luminaires

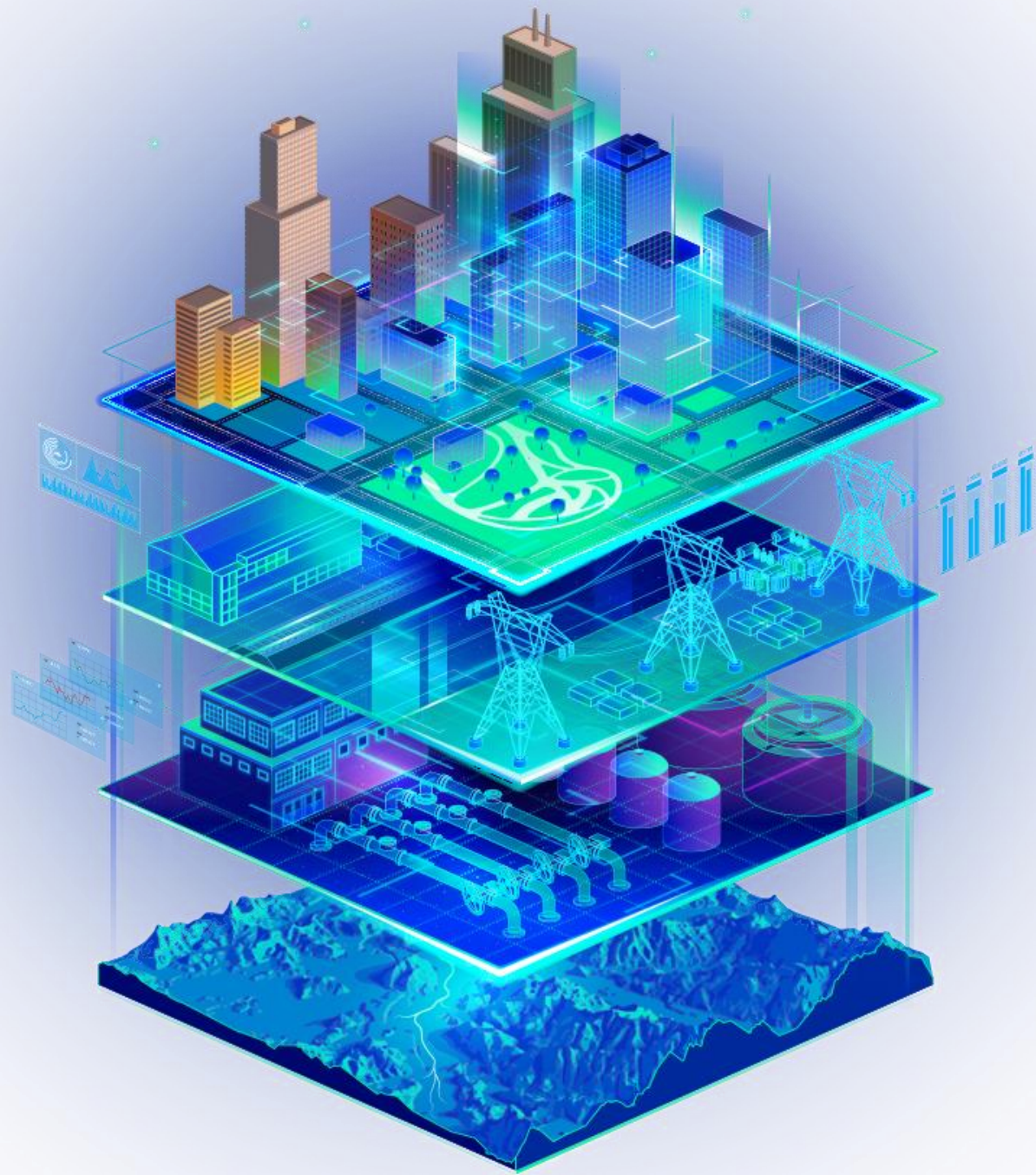
- The subject of the project is the reconstruction of the public lighting system in the city of Split
- the public lighting system consists of outdated and inefficient lighting fixtures, equipped partly with high-pressure mercury bulbs, high-pressure sodium bulbs, metal halide bulbs, energy-saving bulbs, incandescent bulbs, and partly with existing LED luminaires





**SMART  
CITY**  
Split

**Future: Digital Twin**





# Future: Smart City Lab





# CITY OF SPLIT

**THANK YOU!**

**Ivica Puljak**  
Mayor

