Berlin,  
Ksenija Ostriž,  
deputy mayor  
City of Koprivnica  

LOCAL SOLUTIONS FOR SUSTAINABLE DEVELOPMENT
WHAT IS KOPRIVNICA?
WE SAID: A SMALL CITY WITH A HIGH QUALITY OF LIFE
CITY DEVELOPMENT BASED ON STRONG INDUSTRY AND ENTREPRENEURIAL INCENTIVES
ALL LEVELS OF EDUCATION
TURISTIC EVENTS
RENESSAINCE FESTIVAL
KOPRIVNICA TRADITION – BIKE CITY
MORE BIKE LANES PER CAPITA THEN AMSTERDAM
KOPRIVNICA FACTS & FIGURES

- Small town in north of Croatia
- 32000 inhabitants
- Administrative, educational, commercial, entrepreneurial and cultural center of region
- City development was based on:
  - Strong industry
  - Good education / availability of all levels of education including university
  - Good health care service
  - Strong support for sports
  - Care about environment
KOPRIVNICA DEFINED BY CITIZENS:

KEY TOPICS:

- SUSTAINABLE MOBILITY
- CO2 EMISSION REDUCTION
- SUSTAINABLE URBAN PLANNING AND BUILDING
- RENEWABLE ENERGY RECOUERCES / ENERGY EFFICIENCY
- WATER MANAGEMENT
- WASTE MANAGEMENT
BIKE SHARING SYSTEM BicKo:
- 70 bikes
- 8 terminals
- over 1000 users per season

80 km bike and pedestrian lanes in city
SUSTAINABLE URBAN MOBILITY

• EU funded project, 2013.-2016.
• SUMP – sustainable urban mobility plan
• CAR-SHARING SYSTEM with 8 electric cars for local administration, companies.
• Free public transport with 2 electric buses
• Free e-charging terminals for e-cars
• Sustainable mobility & logistics CURRICULUM in University North—3rd generation of students
SMART STREET 2017.

- Reconstruction of one street in city center equipped with:
  - IT station for measuring density of traffic, air pollution, weather conditions etc.
  - Smart bench
  - Traffic signalization
  - Repair station for bikes
  - Double size lanes for pedestrians and cyclists
  - Narrowing the street (more than usual)
SMART STREET SOLUTIONS
SUSTAINABLE URBAN PLANNING AND PUBLIC BUILDING

- 3 A+ BUILDINGS FOR SOCIAL HOUSING—„ŠPARNE HIŽE“ – passive building, solars, new construction solutions
- A+ RED URBAN PASSIVE HOUSE – innovative construction materials
- CITY POOLS„CERINE” – waste water usage in heating process trough heat pump
- NEW COURT – PUBLIC BUILDING BUILT AS PASSIVE HOUSE
- NEW ENTREPRENURIAL INCUBATOR OF CREATIVE INDUSTRIES – passive house, solar power plant
- SISTEMATIC RENOVATION OF PUBLIC BUILDINGS
- URBAN PLANNING –green areas in city map (university campus and family houses neighborhood)
- CITY INCENTIVES – since 2013. reduction on city tax for passive house constructions
CAMPUS – green area

- EDUCATIONAL, CULTURAL, CREATIVE AND ENTREPRENEURIAL „NEW HEART OF KOPRIVNICA“:
  - UNIVERSITY NORTH
  - INCUBATOR OF CREATIVE INDUSTRIES
  - ATELIERS KOPRIVNICA
  - KINDERGARTEN
  - ZERO CO2 EMISSION AREA
AND SOME MORE... SUSTAINABLE DEVELOPMENT PROJECTS IN WASTE MANAGEMENT

• PUBLIC ECO GARDENS
• PRODUCTION OF COMPOST FOR CITIZENS (FREE OF CHARGE) AND MARKET
• SMART WASTE MANAGEMENT
• BIO WASTE WATER TREATMENT PLANT
SUSTAINABLE PUBLIC LIGHTING

- [www.living-lab.hr](http://www.living-lab.hr)
- First living lab in Croatia, open in 2019.
- SMART GRID IN ONE OF THE CITY AREAS WHICH ENTREPRENEURS, SCIENTISTS AND LOCAL COMMUNITY CAN USE TO TEST SOLUTIONS, CONTROL COSTS, DESIGN DATA COLLECTION SOLUTIONS AND MANY MORE..
FUTURE PLANS – redesign of city center