„XIX century was the age of empires, XX century – the age of states, XXI century becomes the age of cities”

Wellington E. Webb, Mayor of Denver
VILNIUS : FACTS & FIGURES

- 16 million inhabitants in a 300 km radius
- Vilnius population  527 930
- Daytime population  680 000
- Metropolitan area population  800 000
- Vilnius County generates ~ 40% of Lithuania’s GDP
- One of the most multilingual people in the EU
- 20 universities and colleges in Vilnius
- 10th place in the World in Smart City rankings
- Best tap water quality
VILNIUS CHALLENGE: URBAN STRUCTURES

COMPARISON OF URBAN STRUCTURES

Vilnius
Area – 402 sq km
Population – 527,930
Density – 1,340 / sq km

Paris
Area – 105 sq km
Population – 221,1297
Density – 21,060 / sq km

Barcelona
Area – 101 sq km
Population – 1,621,537
Density – 16,055 / sq km

The area of Vilnius is 4 times larger than Barcelona or Paris
Density is very low
CURRENT MODEL OF THE URBANISTICAL STRUCTURE

CENTRAL ZONE XII-XIX century

MIDDLE ZONE XX century

PERIFERRIAL ZONE XX-XXI century

“3 zones with different problems”
DEMOGRAPHICAL CHALLENGES

Decrease of population from 25 till 50 years

Elderly people live in the city center, younger - moved to suburbs.
STRATEGIC OBJECTIVES UNTIL 2015

120 ha for the conversion in the city center

Polycentric development

• To concentrate on the city center, to avoid the extensive development by all directions
• To move out the industry from the central city territories
PRESERVATION OF HERITAGE

Vilnius Old Town (360 ha) - one of the valuable historic and cultural heritages of UNESCO

OLD TOWN REGENERATION CHALLENGES:

- Upgrade of the main public squares and streets;
- Preservation of valuable buildings, upgrade of buildings’ facades, yards;
- Reduce of transit traffic, increase of pedestrians, bicycles, installation of parking lots;
- Development of brownfields.
CONVERSION PROJECT-PARK OF ARCHITECTURE

• Conversion of 78 ha
• I stage – 5 ha development of the former factory territory “Skaiteks“
• Planned multifunctional sustainable quarter with 2200 inhabitants;
• Planned investments into Skaiteks factory conversion till 2021 m. ~ 400 MLTL
• Best example of PPP where the city invest in to the contaminated soil cleaning, building the infrastructure, rehabilitating public spaces
CONVERSION : FORMER FACTORY VELGA

Planned multifunctional quarter on the river bank:
• 1,000-2,500 new inhabitants (~500 families)
• 70,000 sq. m. area for commercial needs
• Planned real estate value ~104 MEUR
• Developers will invest 4,8 MEUR into the infrastructure
CONVERSION: 
STUDY CAMPUS OF LITHUANIAN ACADEMY OF MUSIC AND THEATRE

• Future Academy campus project (former military territory) - concentrated hot-spot of culture and creativity in Vilnius city, combining production and enjoyment of high-level culture, attracting talents, citizens and tourists
• Land plot – 4.75 ha, gross area – 19 000 sq. m
• Investment volume – € 60 mln.
• Provisional start of the construction – 2016/2017
NEW CITY CENTER – TOP PRIORITY LOCATION ON RIGHT BANK OF NERIS RIVER

- Territory: 120 ha
- Investments 2004-2008: 222 MEUR
- Projects realized in 2004-2011
- Planned investments from 2012:
  ~136 MEUR of private investments
  ~29 MEUR of municipal investments into infrastructure
NEW CITY CENTER - RIGHT BANK OF THE NERIS RIVER
STREETS NETWORK RENEWAL

PROJECT PROPOSALS:
— Lvovo g.
— Krokuvos g.
— Kernavės g.
— Kalvarijų g.
— White bridge valley
STREETS NETWORK RENEWAL

LOVOO STR. - PEDESTRIAN ALLEY WITH BYCICLES ROUTES
STREETS NETWORK RENEWAL

LVOVO STR. – PLANNED SYSTEM OF SQUARES AND ALLEYS, CONNECTING MAIN COMMERCIAL AND PUBLIC OBJECTS
NEW SQUARE ALONG KERNAVĖS, DAUGELIŠKIO, FINO STREETS CROSSROAD
KERNAVĖ STR. TUNNEL

Traffic under Konstitucijos ave. to the left bank of the river neris

• Important transport hub
WATERFRONT
RENOVATION OF PARKS AND PUBLIC SPACES

OZAS PARK

THE RIGHTEOUS AMONG THE NATIONS PARK

JAPANESE GARDEN

REFORMATS’ SQUARE
MISIONAIRE GARDENS – PROJECT PROPOSALS
RENOVATION OF 19th CENTURY BERNARDINES GARDEN

- Opened late summer 2013.
- Based on historic research project aimed to return park to its late 19th century appearance in accordance with A. Strauss’ plan.
- Addition of historic elements of monastery and botanical gardens aimed to reveal the historic precedent and beauty of the area.
- Total investments: 5,7 MEUR, EU co-financed 2,8 MEUR
VILNIUS WESTERN BY-PASS

- Vilnius Western bypass is divided into stages: IA, I, II, III

- Total length of Vilnius Western bypass: 12 km 670 m

- Construction work on Vilnius Western bypass started in 2009 and expected to be completed in 2015

- Estimated value of Vilnius Western bypass: 222 MEUR
2013 - Special plan for new modes of public transportation

- Main Zone represents constant public transportation activity with a Centre Zone prioritized for pedestrians and cyclists

- Peripheral mixed zone is served with connection routes and low capacity buses with the possibility to implement high-speed bus networks.

- Public transportation connection points P + R (Park + Go, in the city center) will feature reduced-fee parking.
- Development of city public transportation and communication infrastructure
- 10,2 km first line (railroad station-hospital campus)
- 36 tram stops
- Investment : 200 MEUR
DEVELOPMENT OF BICYCLE TRACKS

- 126 km of marked bicycle tracks
- 22 km of non marked bicycle tracks, mainly along Neris river
- City bicycle system (Cyclocity):
  - 360 bicycles in 36 locations
  - opening 2013.07.15
  - first 30 min free of charge
THANK YOU FOR YOUR ATTENTION