

# Lost in the City Searching for urban vitality in city centre of Kaunas

## Keywords

city centre public space

urban life street vitality

Struct Vitality

shifted centralities

infrastructures
public transport

Eastern Europe

meeting place

urban society

urban structures

transition economies

market oriented economy

commoditization of land

How to reuse public spaces as a tool to recreate vital city centre of Kaunas

which is used by a new capitalist society that emerged after the fall of USSR?

## Content

READING THE CITY

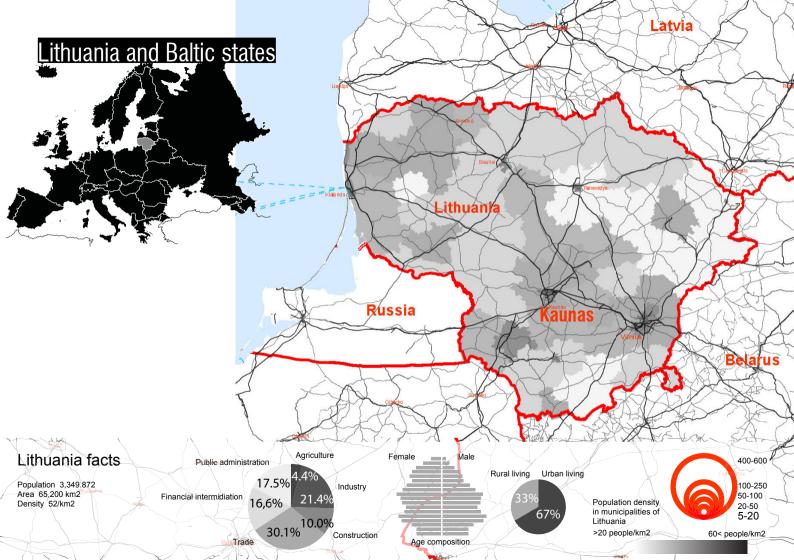
**CONSIDERATIONS** 

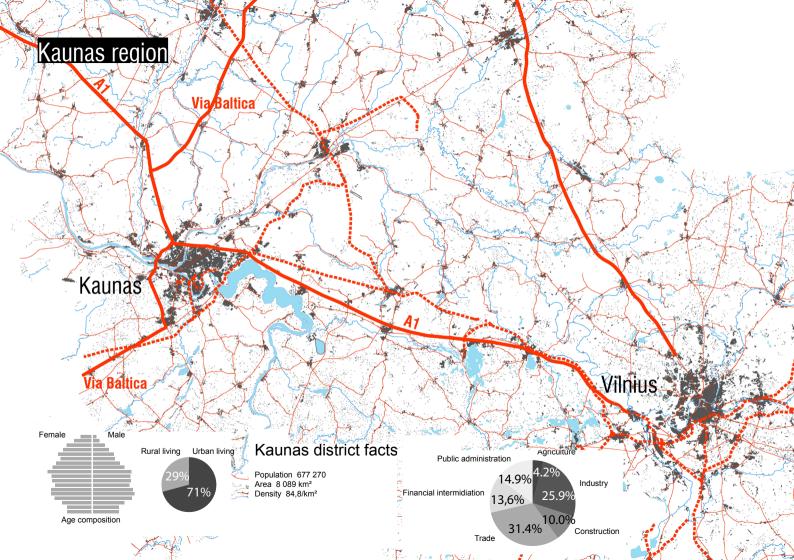
STRATEGY

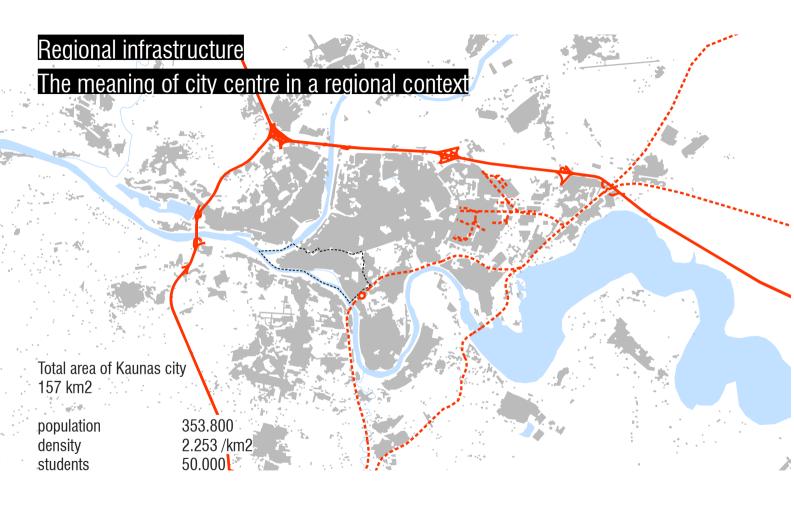
STATION AREA

**EVALUATION** 











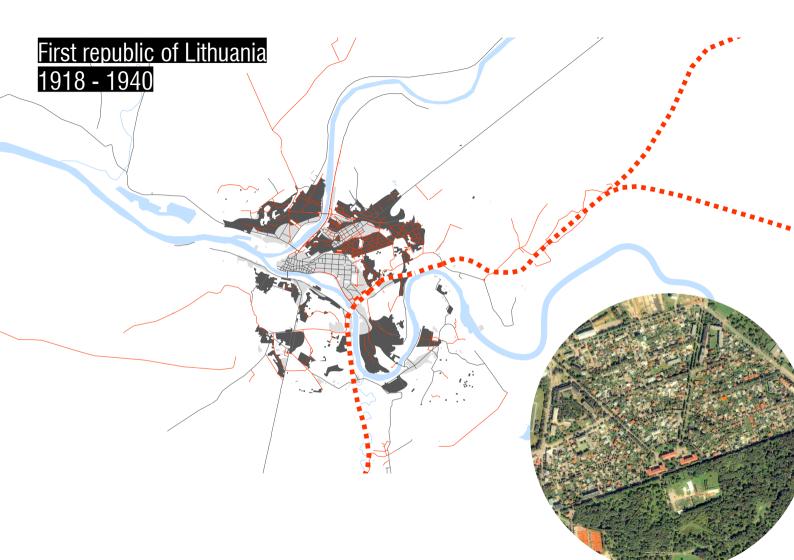


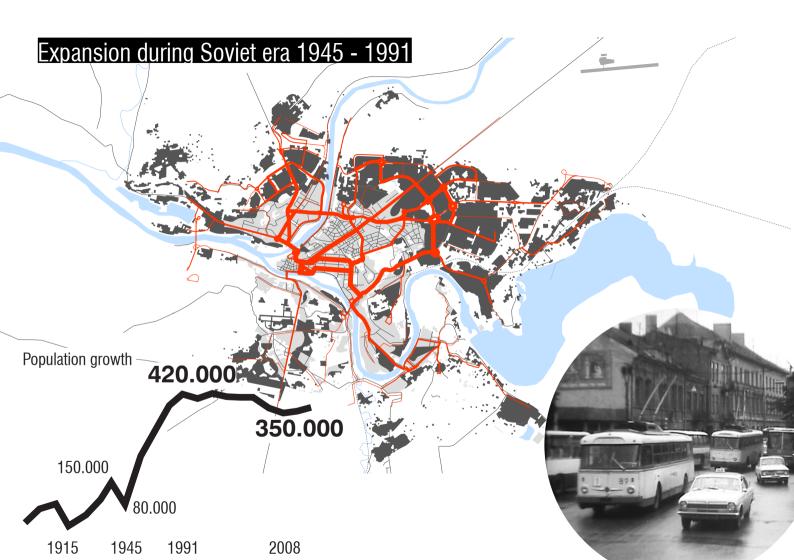


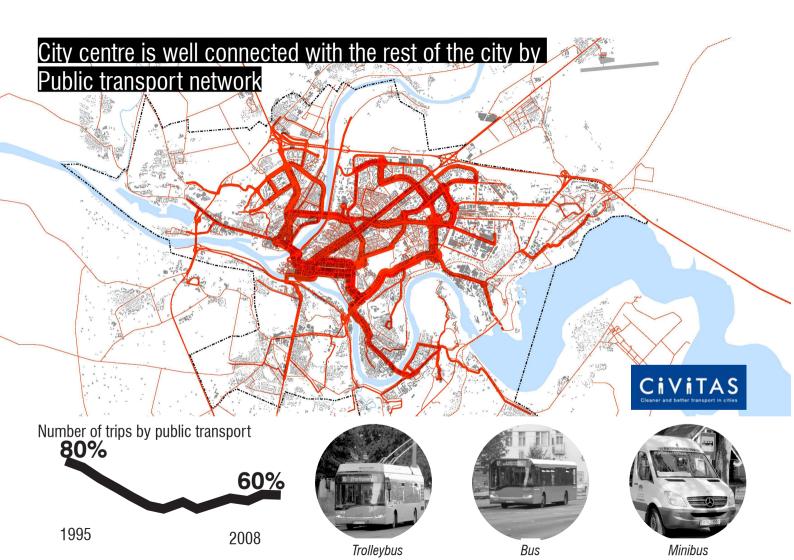


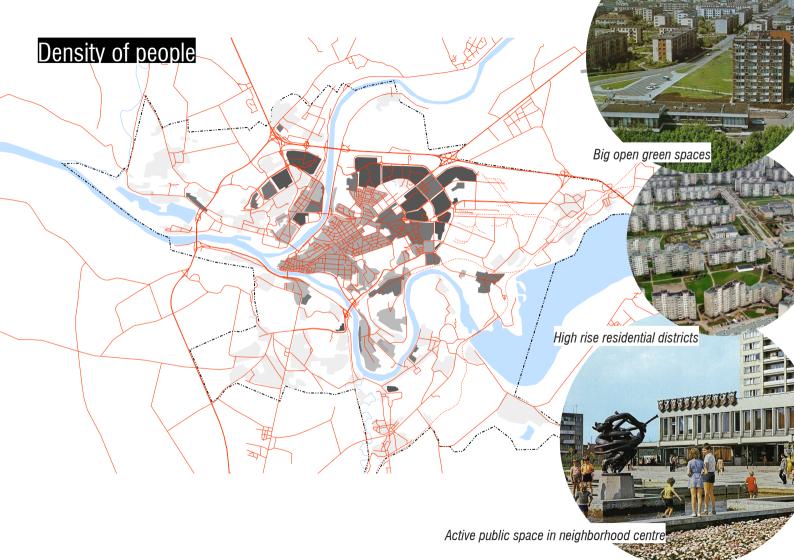


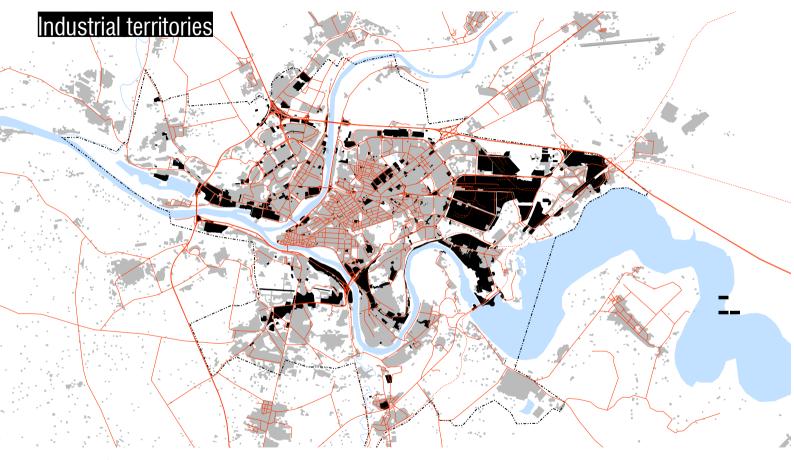




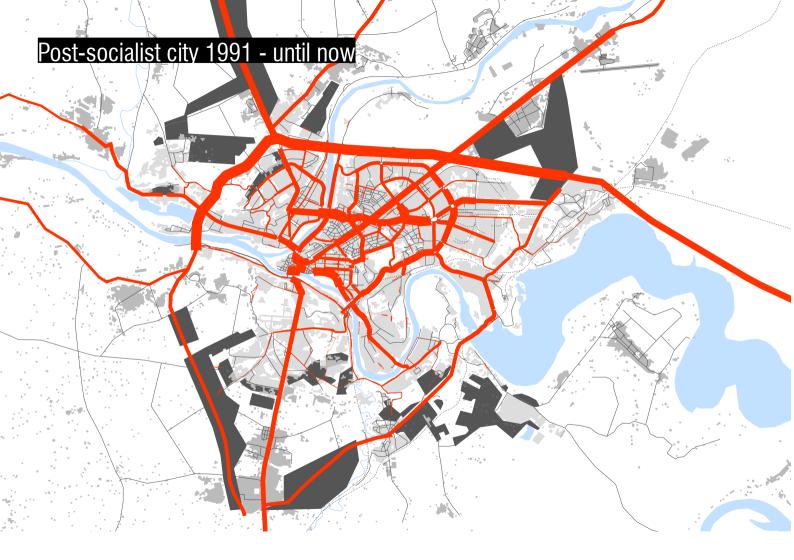


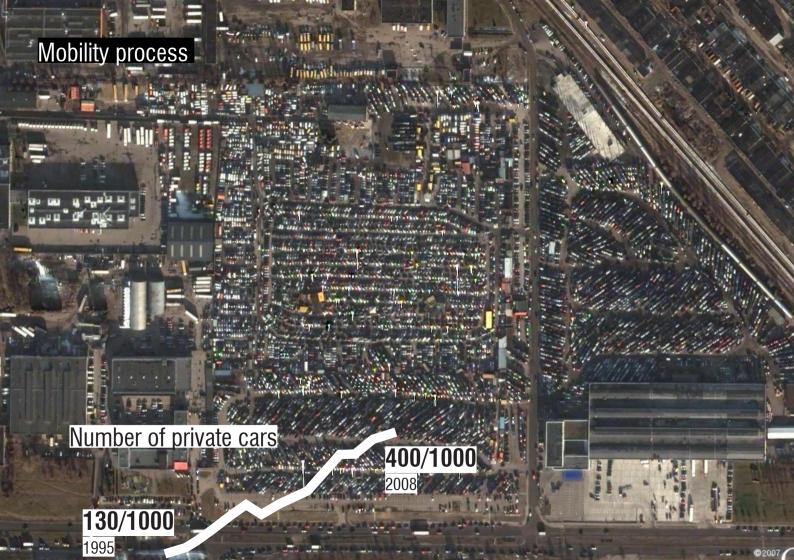


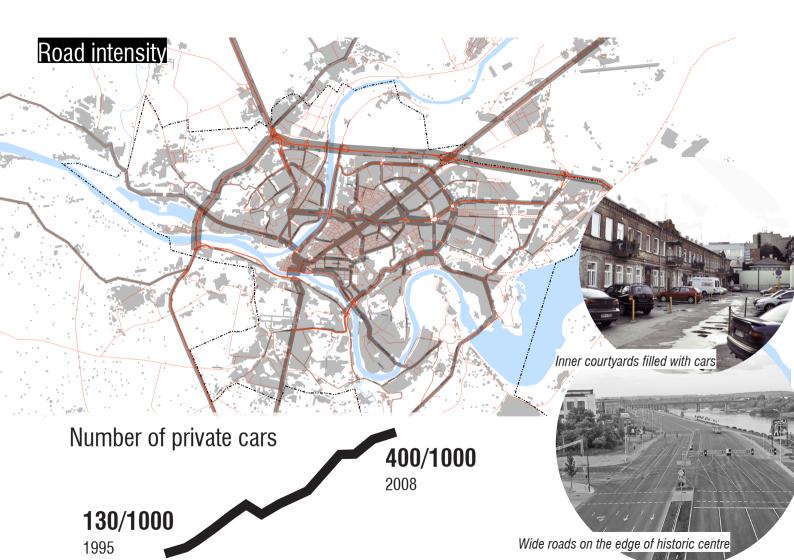




26% of economic sector





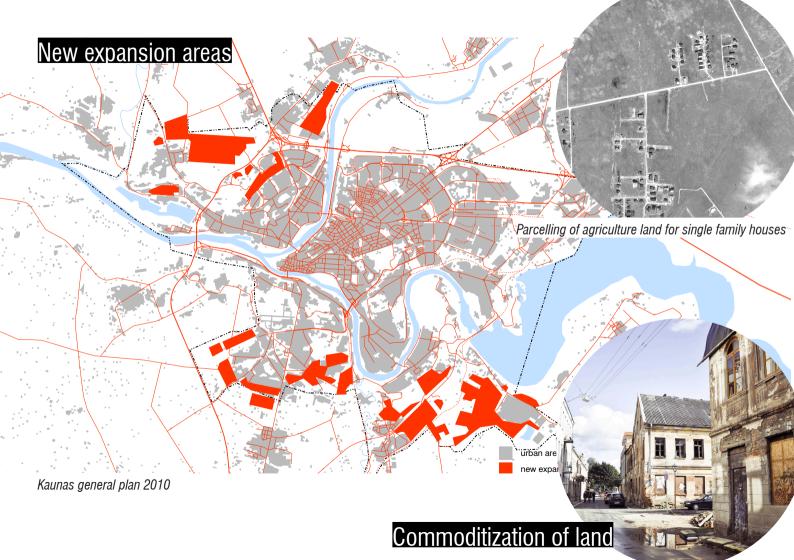




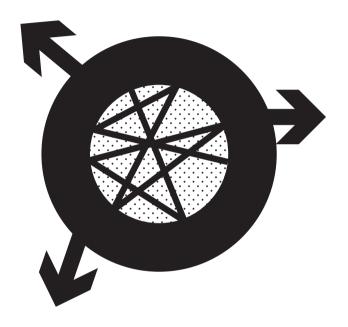




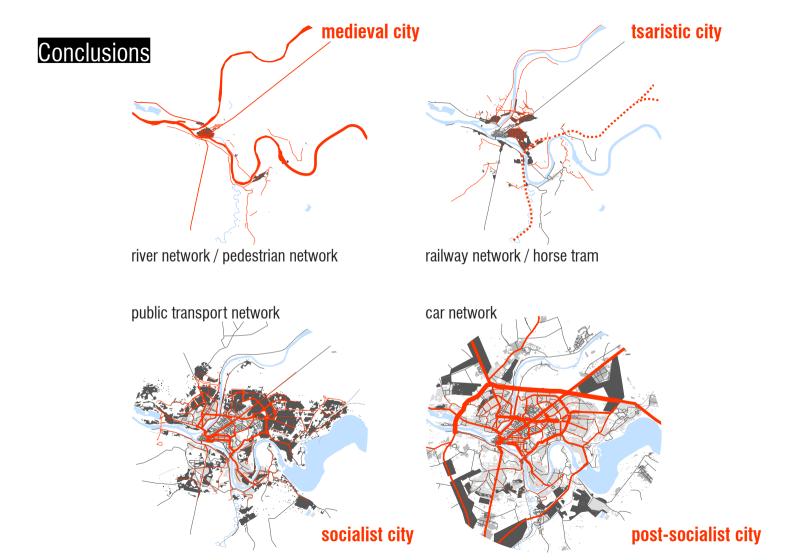
# Privatization process / Suburbanization 35% of total living area occupies single family houses 16% of people live in private house



#### Schematic city model



City is expanding along the highways Dominating industrial sector is along the highways Commercial activities are situated along main roads Regional connectivity is driving force for cities expansion



#### **Considerations**

	CITY / suburbia	CITY CENTRE
MOBILIZATION	More highways, traffic congestion	Bigger roads, Pedestrian unfriendly environment
COMMERCIALIZATION	Car oriented economies	Not desired shopping areas in the centre because of low car accessibility
COMMODITIZATION of land	Land for sale, suburbanisation	Empty houses and neglected spaces because of the high market price
PRIVATIZATION	private property	Neglected communal spaces because of ownership, managment, mentainance problems

Metropolitan networks and new technologies enabled the larger region to be accessible for Kaunas citizens.

#### Potentials of the city centre:

60% of trips are being done by public transport and city centre is very well connected with the rest of the city

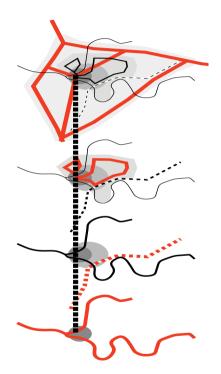
Regional roads are going through or are leading to the city centre

City centre have **scale** suitable for **pedestrians** 

**Cultural** centre

Public / administrative centre

#### Ambition



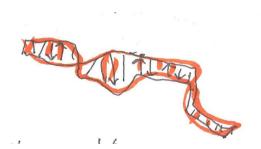
Kaunas **region** which has the economic power to expand the city, will be **re-connected** back into the city centre by different **infrastructure** networks which will be **linked** together by re-organized **public space** network in the city centre what shall create more opportunities for different activities, economies and actions to emerge and shall bring the urban **vitality** back to the city **centre**.



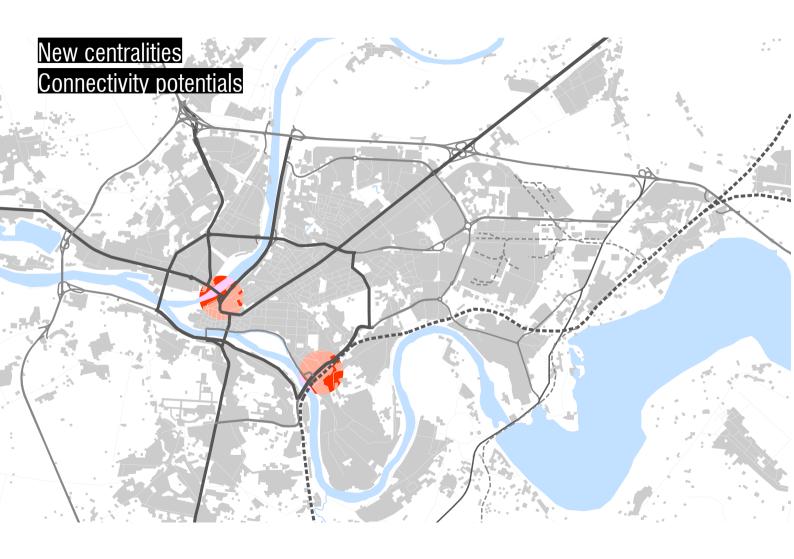
## Well organized metropolitan Hubs will connect city centre with the region via public space

**Upgraded Public transport will exploit advantages of socialist city** 

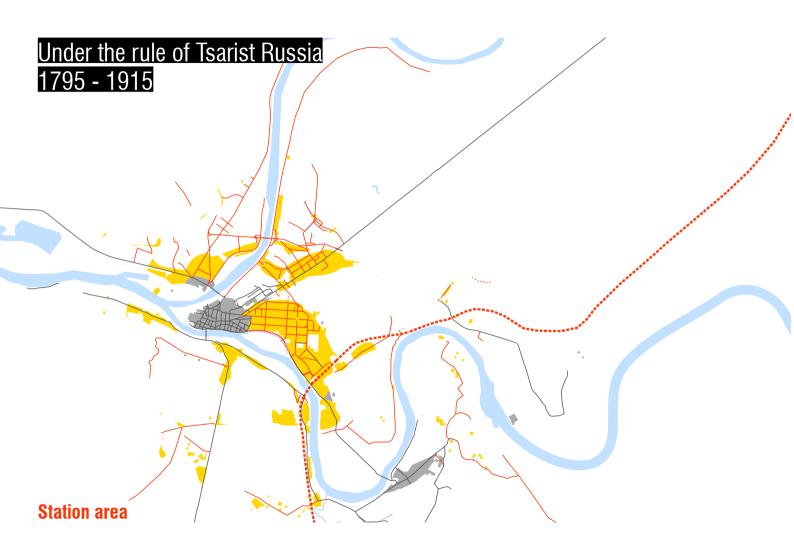
New public spine will create active, mix use, pedestrian oriented and diverse backbone for the city centre



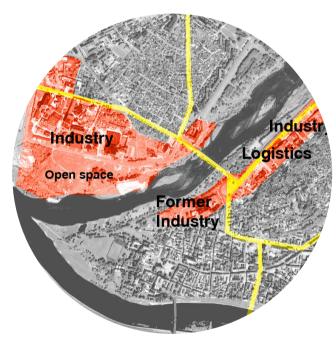






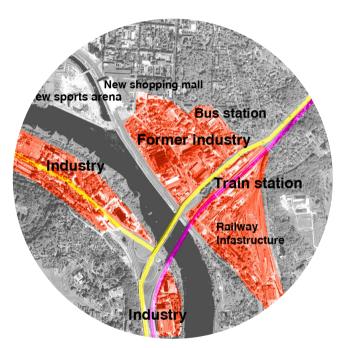


# Territorial potentials



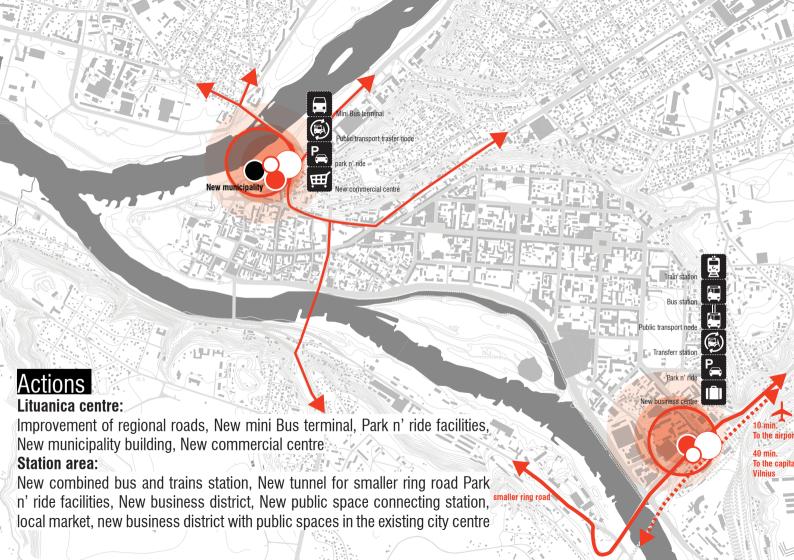
#### Lituanica centre

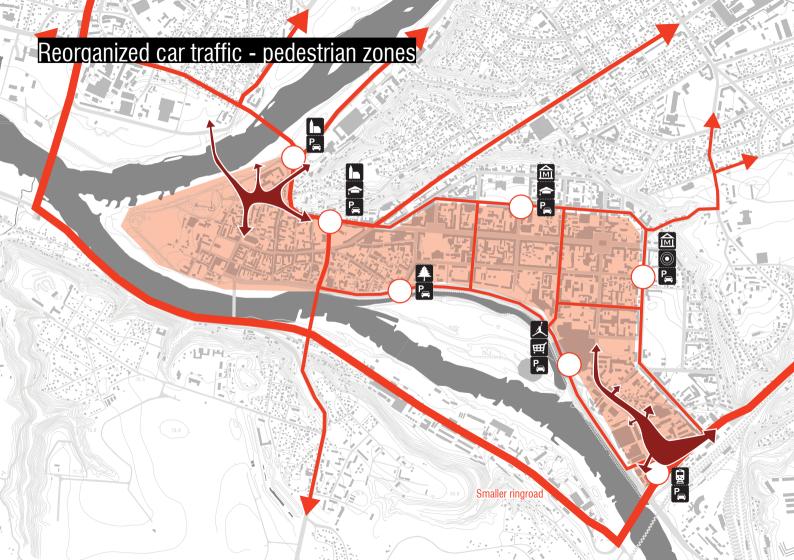
Old industrial sites Close to the old town Natural environment qualities Main roads are leading and intersect here



#### **Station area**

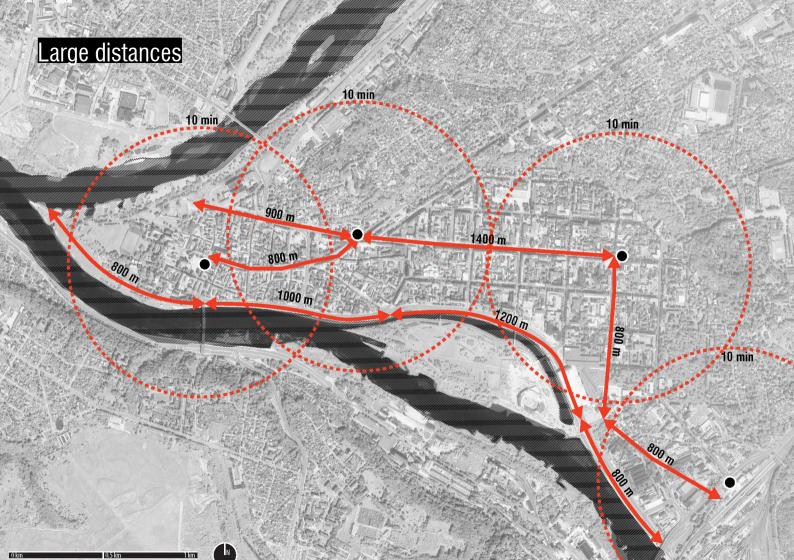
Bus and Train stations Former industrial territories Large areas for conversion Smaller ring road









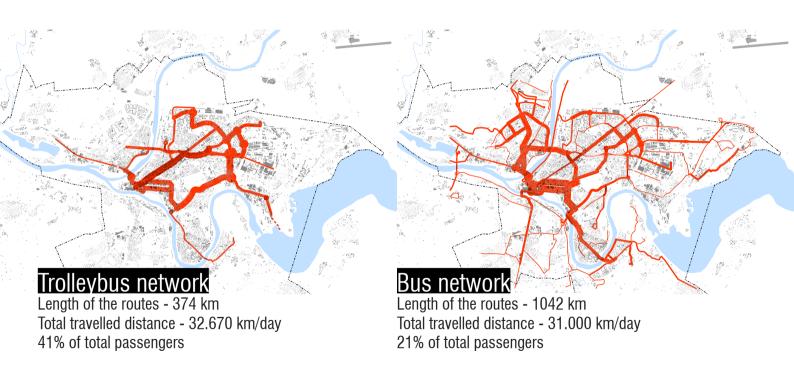


# Public transport in Kaunas

60% of trips are made by public transport in 2008



# Comparing Trolleybus and Bus networks



### Bus Rapid Transit system

# Conventional Bus services

- Publicly or privately owned
- · Often subsidized
- On-board fare collection
- Stops with posts or basic shelters
- Poor customer service
- · Standard bus vehicles

### Basic bus ways BRT - lite

- Segregated bus way/ single corridor services
- On-board fare collection
- Basic bus shelters
- Standard bus vehicles
- Some form of bus priority but not fully segregated bus ways
- · Improved travel times
- Higher quality shelters
- · Clean vehicle technology
- Marketing identity

#### BRT transport

- Segregated bus waysTypical pre-board payment
- Higher quality stations
- Clean vehicle technology
- Marketing identity

#### Full BRT

- Metro-quality service
   Integrated networks of routes and corridors
- Closed, high quality stations
- Pre-board fare collection
- Frequent and rapid service
- Modern, clean vehicles
   Marketing identity
- Marketing identity
- · Superior customer services



Local integration in the urban fabric

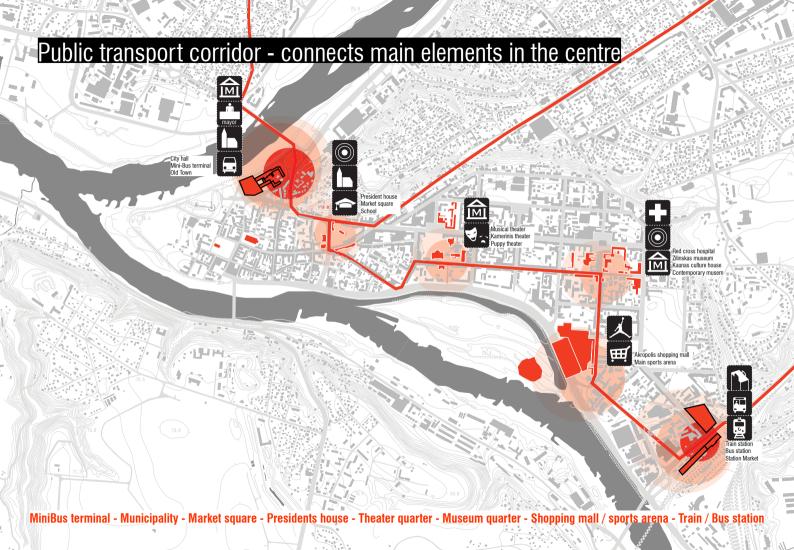


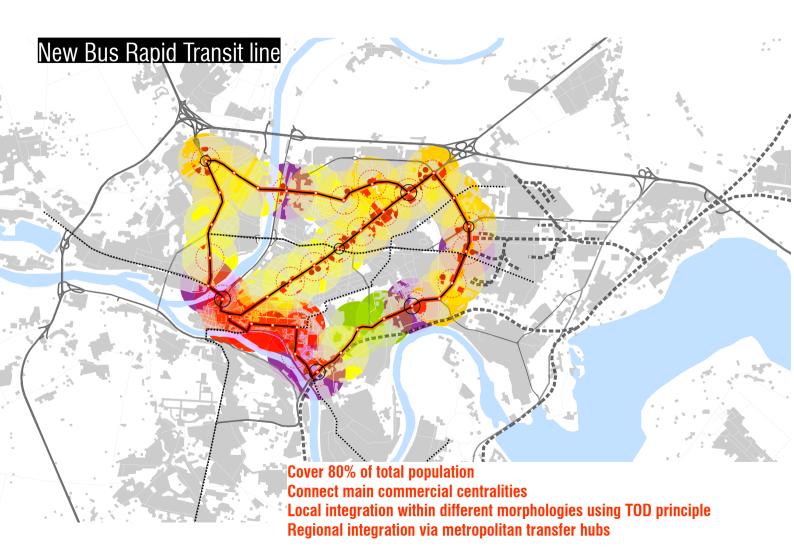
Advanced bus / trolley bus stops and stations

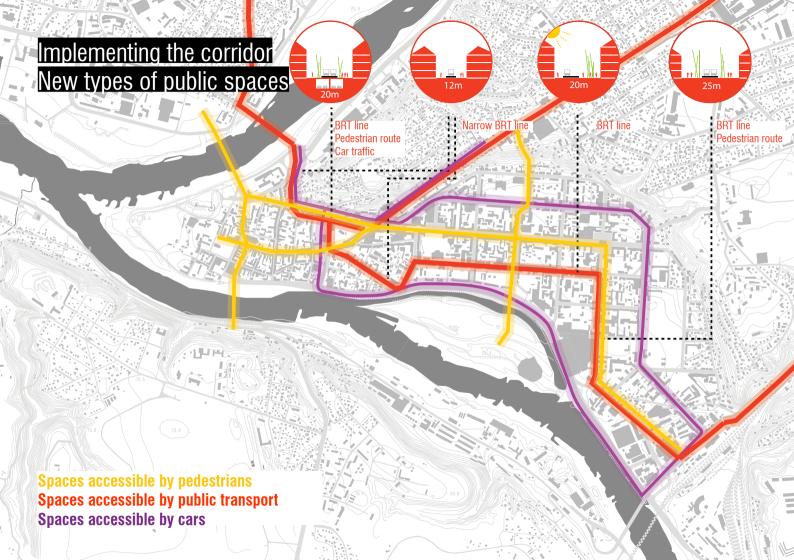


Car traffic free independent bus corridor

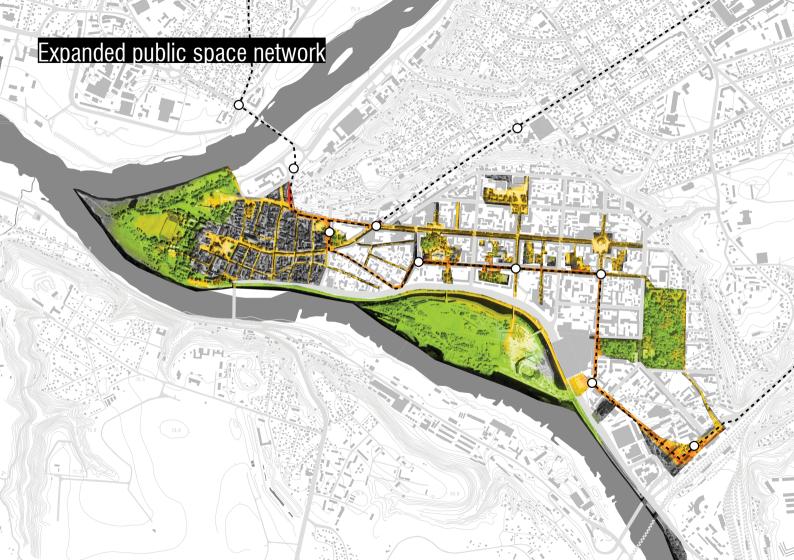
Institute for Transportation & Development policy











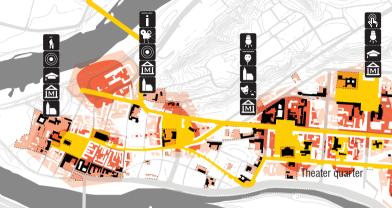
# Public backbone

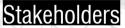






Museum quarter





#### GOVERNMENTAL:

National government, Municipality, Ministry of culture, Ministry of education, Universities, EU funds for cultural activities and projects,

#### SOCIETY:

Local residents, Public organizations

#### INVESTORS:

Creative industries, International enterprises, Local developers, Local enterprises

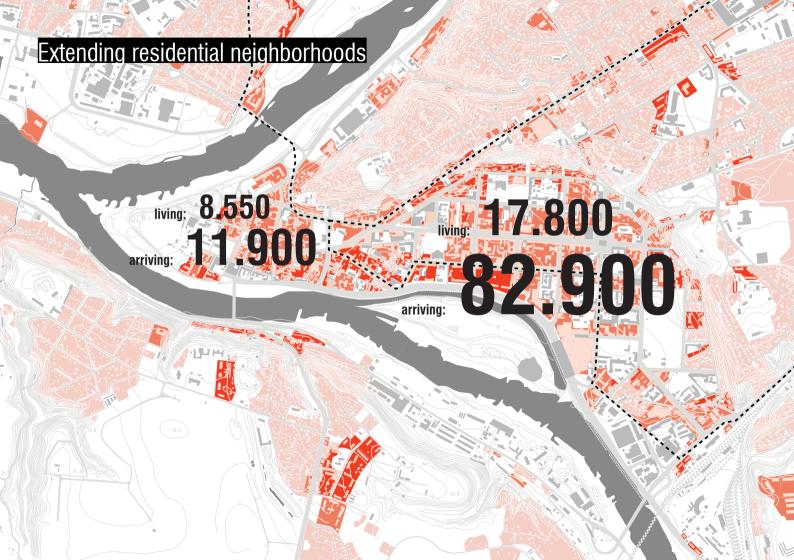
# Actions

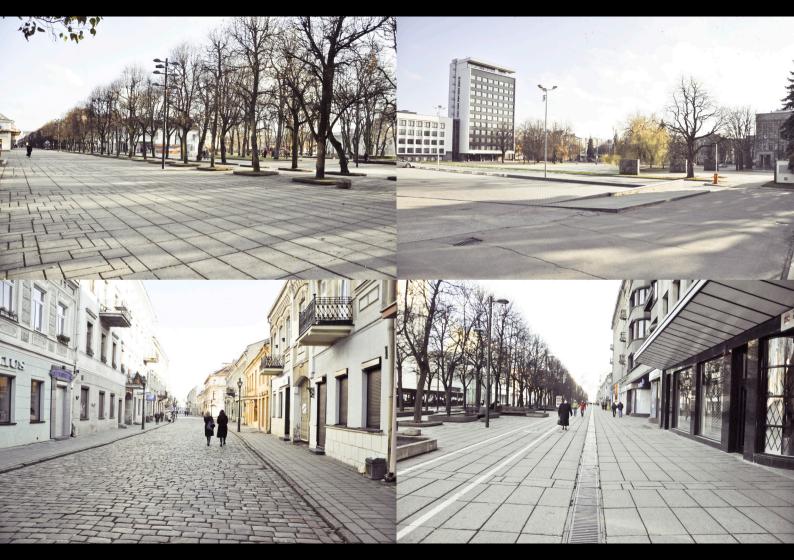
Stimulation for public functions and creative industries.

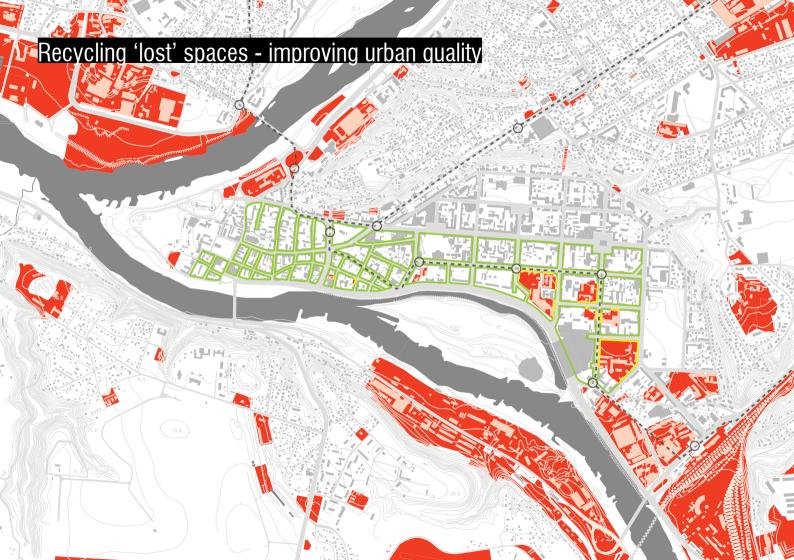
Attraction of international events and taking advantages of the conditions that it creates. New public spaces will create more public and culture oriented spaces in the centre.

New creative and public zone will create clusters and districts for different activities.

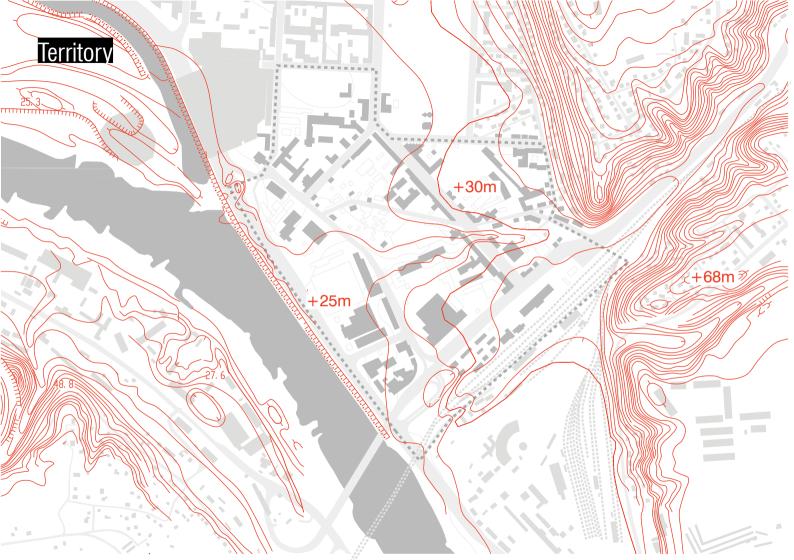














Monestry

Sports arena

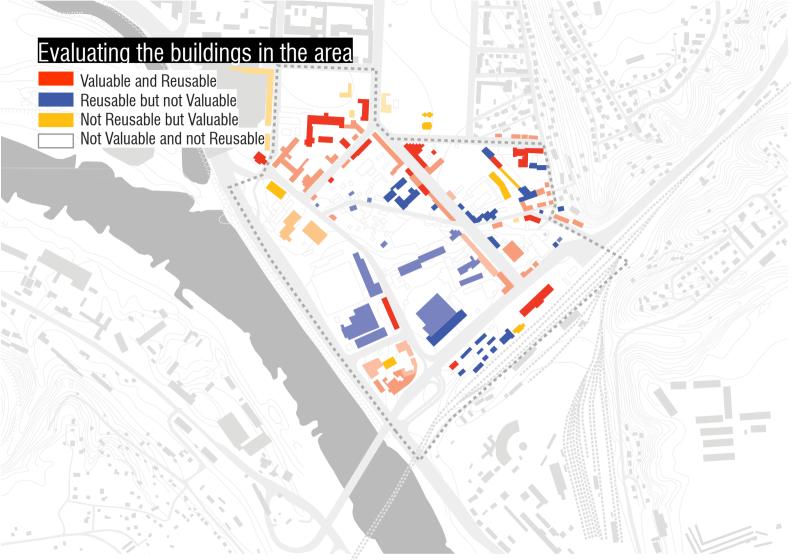
Bus station Liquer factory

Open air' factory

Train station

Beer factory



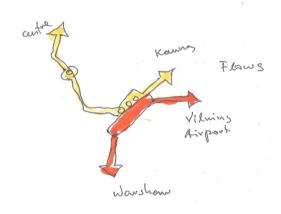


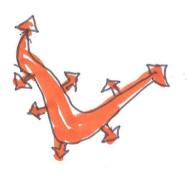


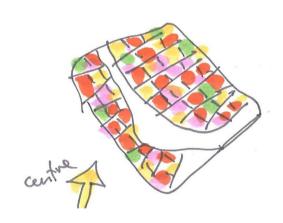
#### **Networks of flows**

### **Active public backbone**

### **Mix functions and program**









# Connecting main places - implementing public transport corridor

Shopping mall \*Akropolis\*

Sport arena

Community centre

#### Stakeholders governmental:

Municipality, local administration, Train station, Bus station, Ministry of transport, EU funds for infrastructure, Rapid bus line company

#### SOCIETY:

Land owners, Local developers, Local enterprises INVESTORS:

Private developers, Private investors, Private transportation companies

# Bus station

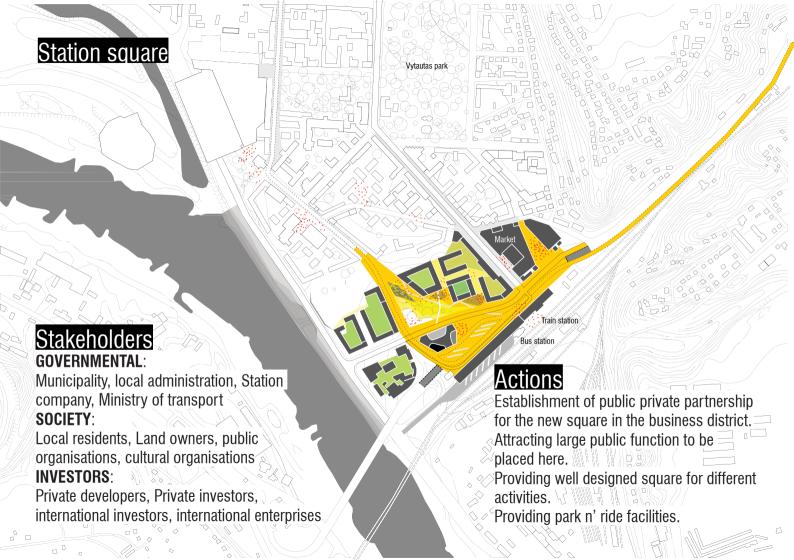
Train station

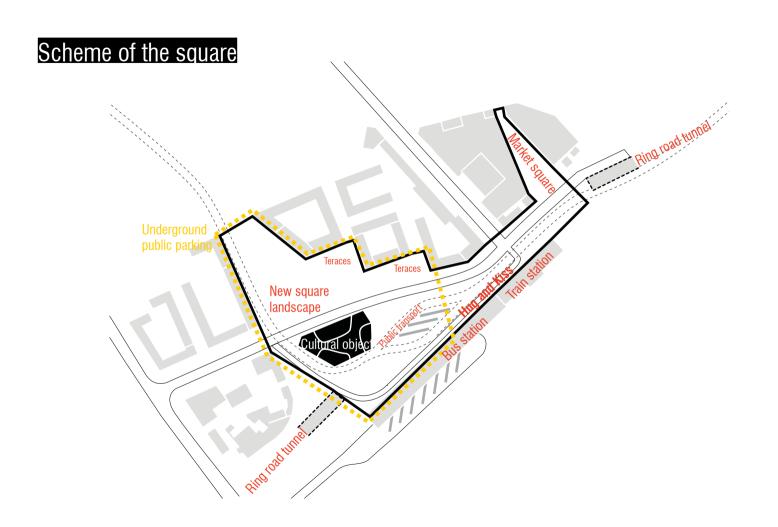
### Actions

Large scale infrastructure projects to combine stations together and create smaller ring road tunnel.

Rapid bus line corridor implementation, restructuring of the existing traffic.



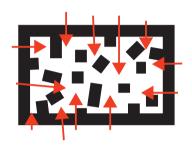








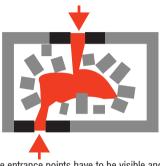
# Reorganising the block



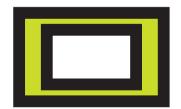
Access to the buildings directly form the street



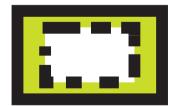
New inner public space will create access from the inside



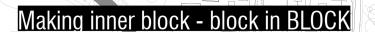
The entrance points have to be visible and recognizable



Block in the middle creates more private spaces



Open block creates less formal environment



Vytautas park

Community centre

# Stakeholders

**GOVERNMENTAL**:

Local administration, Municipality

SOCIETY:

Local residents, Land owners, Local developers

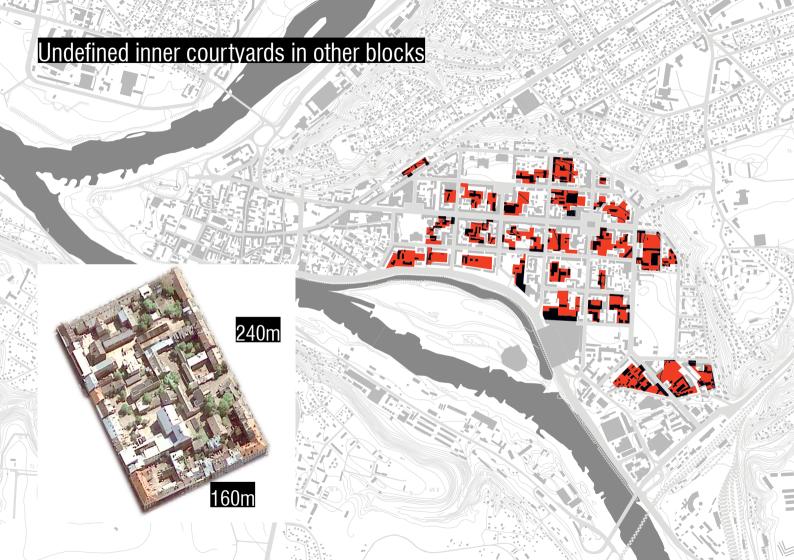
**INVESTORS**:

Private developers, Private investors

### Actions

First of all public private partnership model have to be established. Urban plan and possible restructure of the inner spaces will provide new public space around which new development could take place.







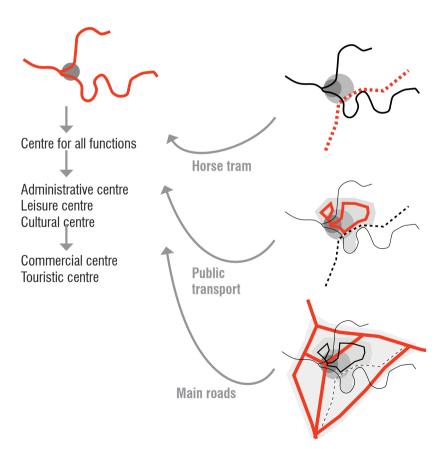


# starting point

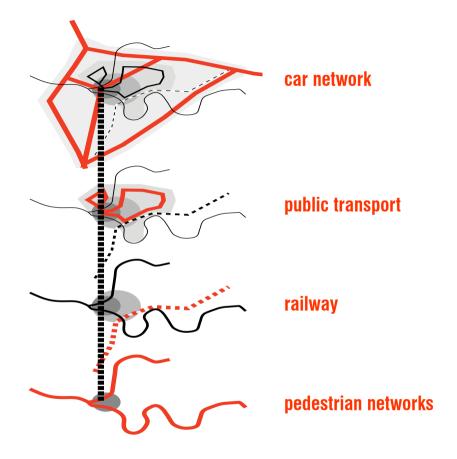
## analysis

The use of the city centre have decayed in last 20 years what resulted in empty public spaces

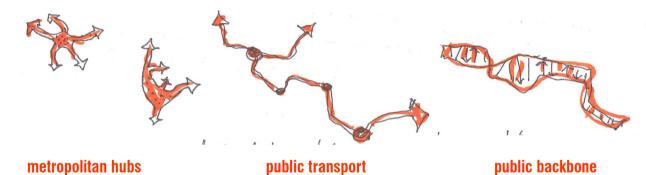
Why city center was actively used before?



# ambition



# strategy



environment

# design

