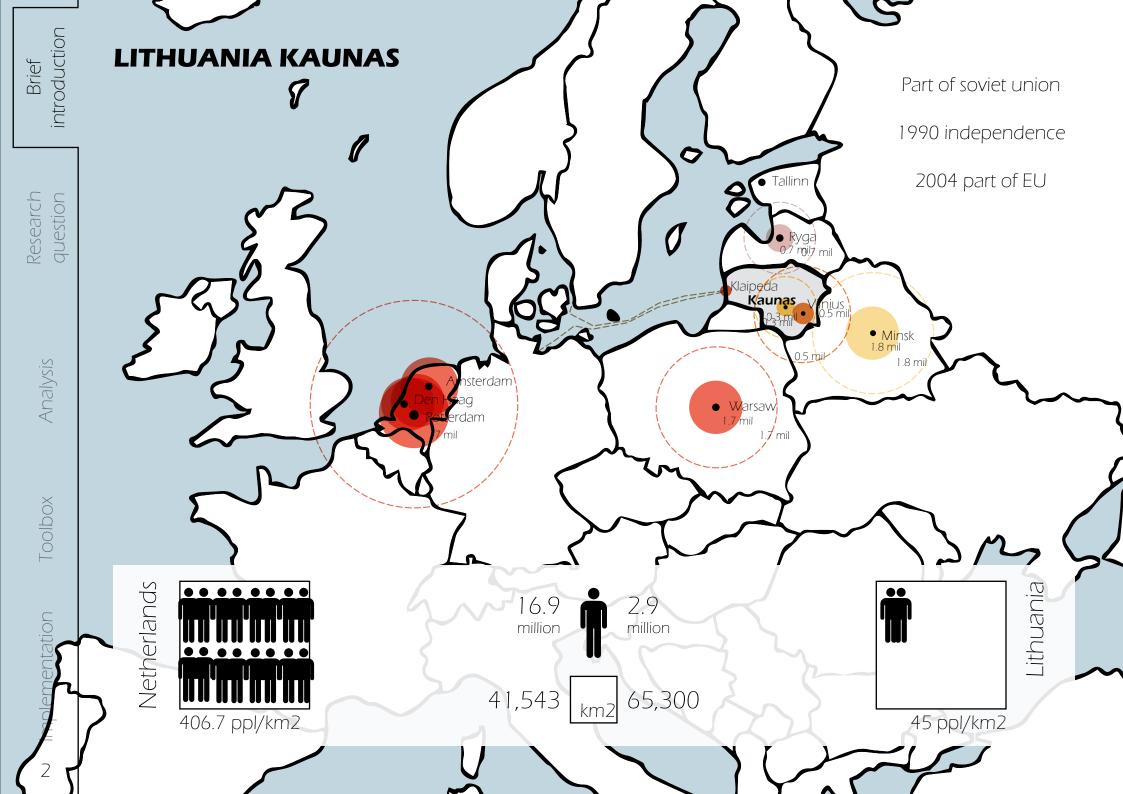
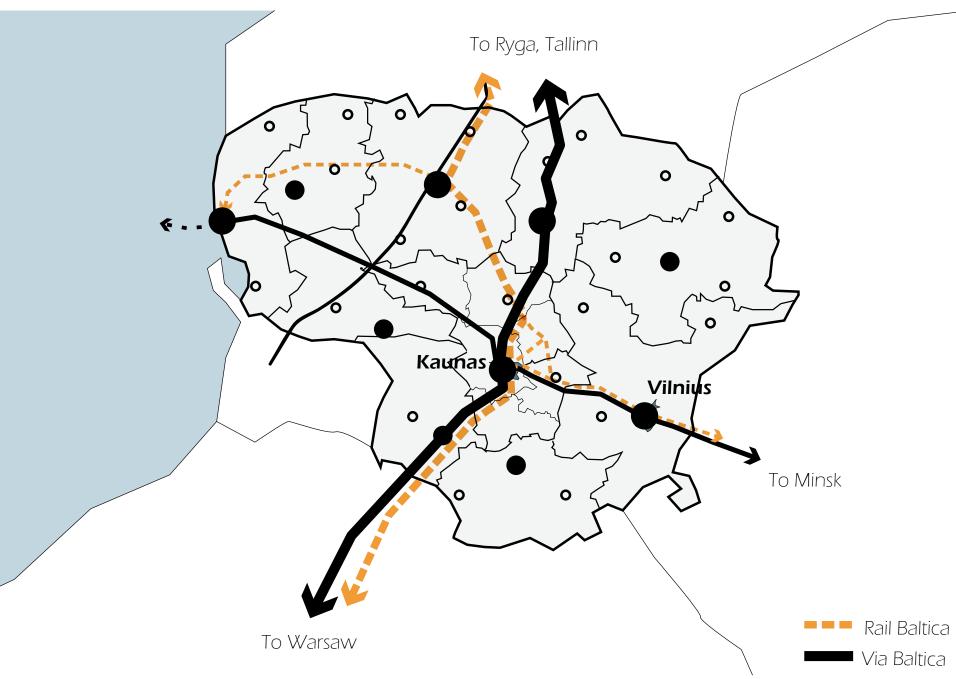
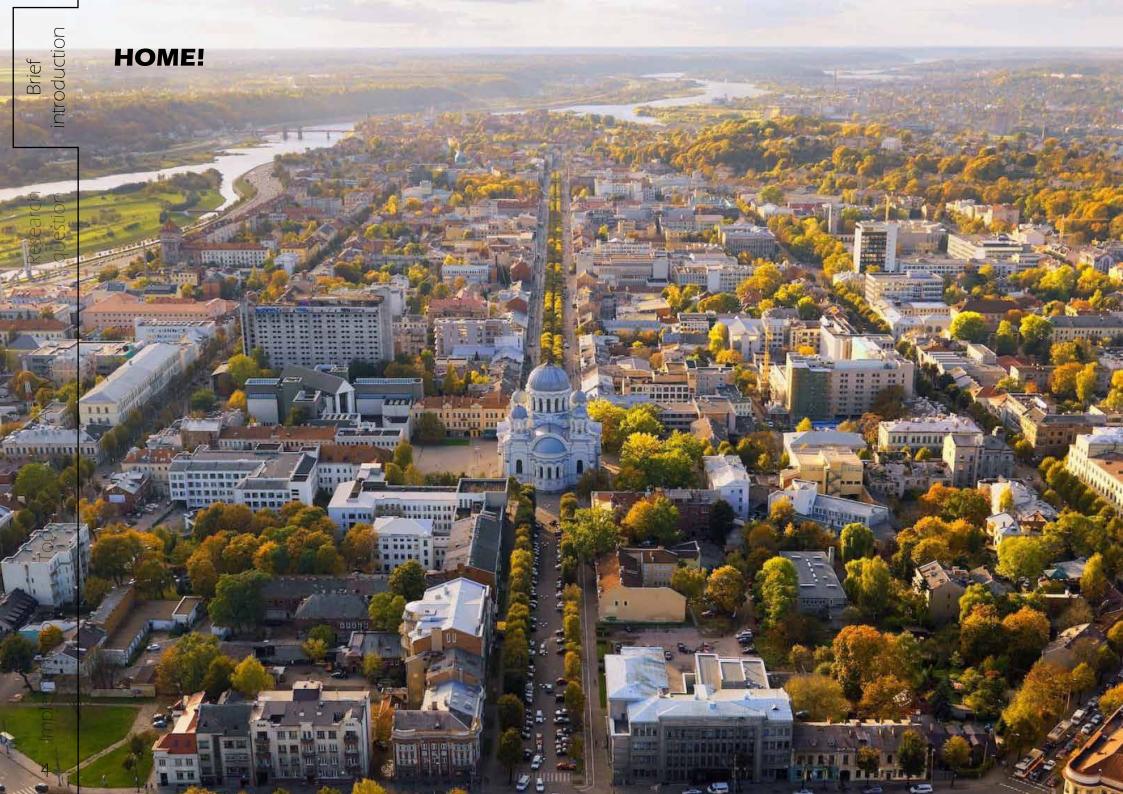
Enabling inhabitants to act sustainably From dispersion to concentration in Kaunas region

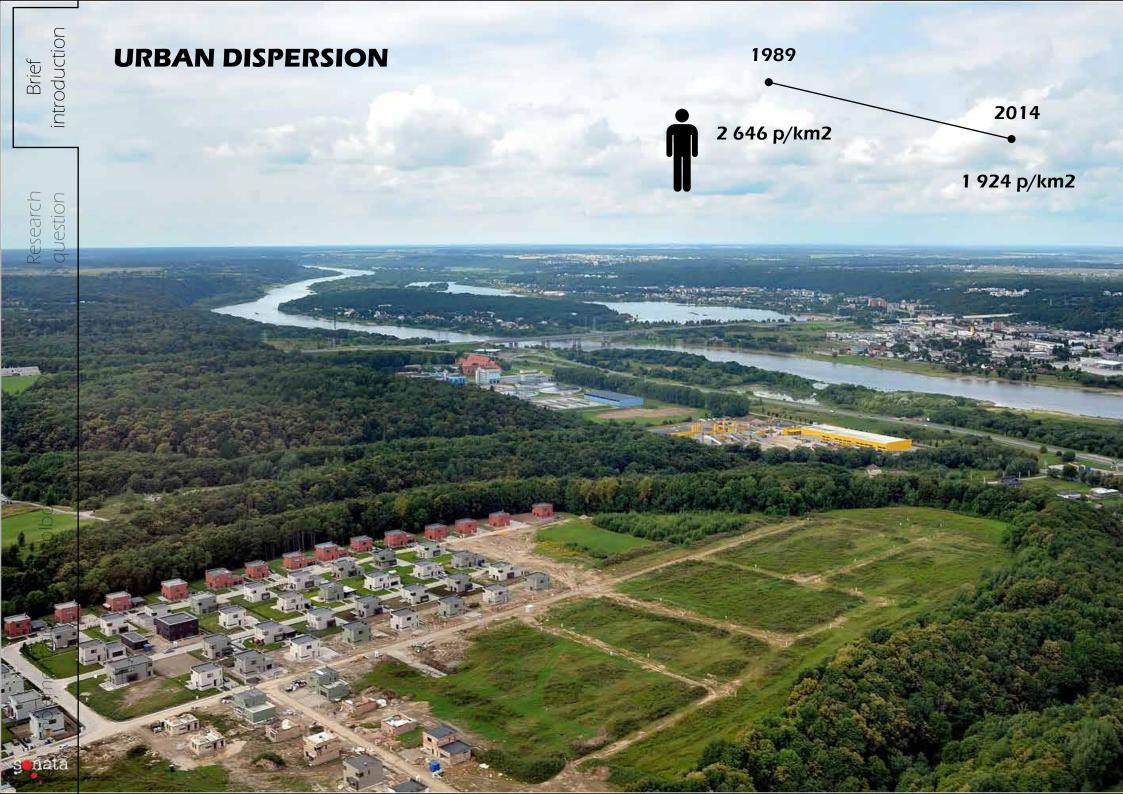
Berta Gruodyte 4319478 bgruodyte@yahoo.com P5 presentation



LITHUANIA KAUNAS

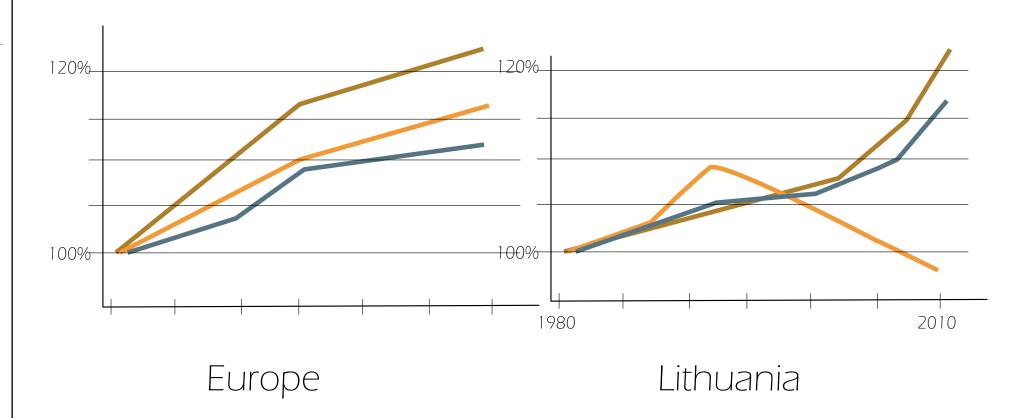






URBAN DISPERSION





Trends in Europe and in Lithuania. Schemes by author. Source: www.osp.stat.gov.lt

Research question



RESEARCH QUESTIONS

HOW TO GUIDE URBAN DISPERSION IN CHAOTICALLY GROWING KAUNAS REGION TO A SUSTAINABLE DIRECTION?

Let's review it from beginning

1918 - 1940 INTERWAR PERIOD



completed railway lines

trolleybus lines

new industry

garden-city neighbourhoods

capital and all government institutions moved to Kaunas

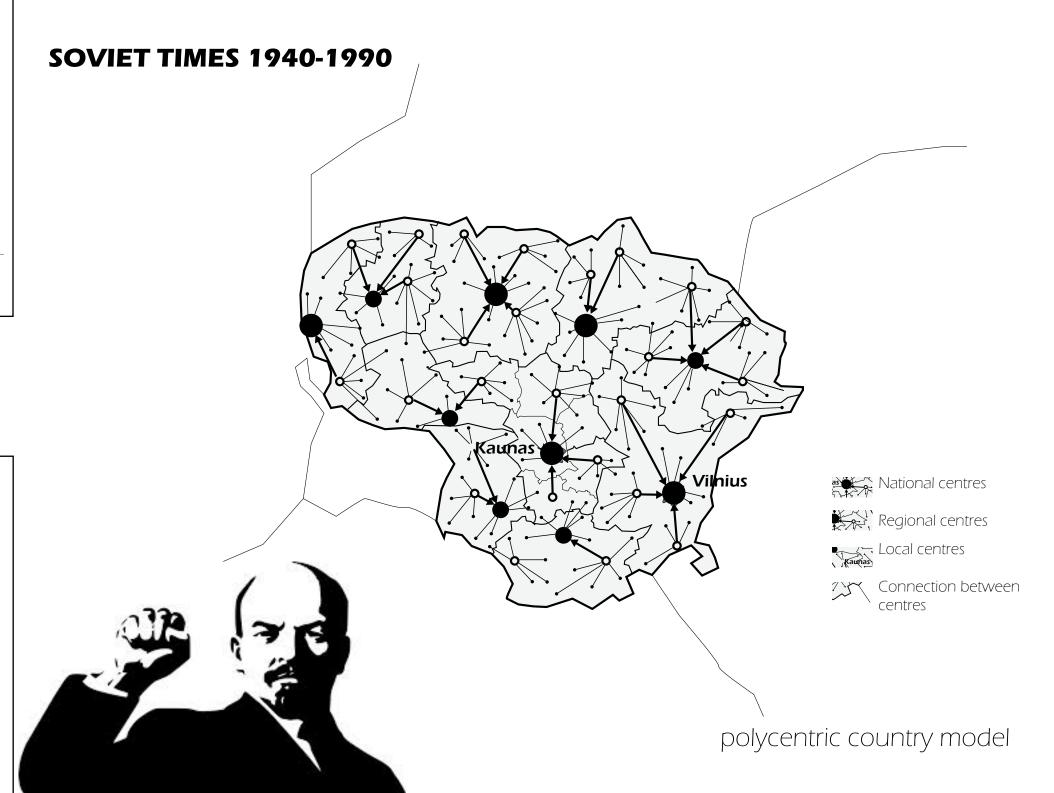
1 1

SOVIET TIMES 1940-1990





government was the only planning body



SOVIET TIMES 1940-1990

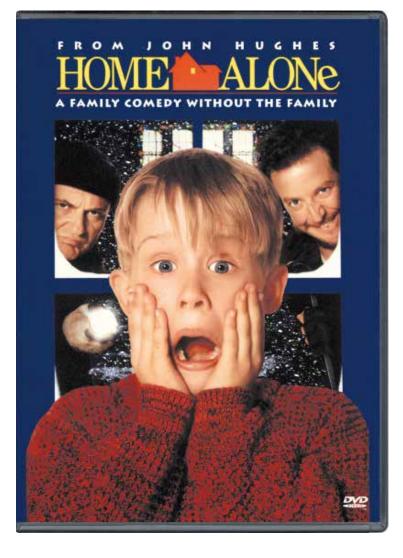




_dense cities - 10 m2 per person in a household

_good public transport system

TRANSITION TIMES FROM 1990

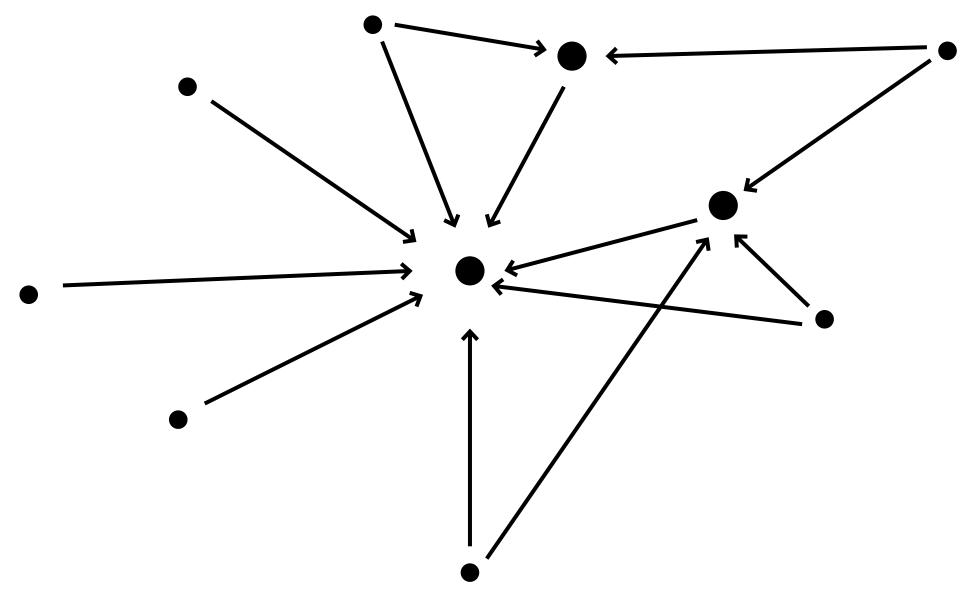


influence from western cultures

fast economical growth

slow planning system formation

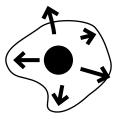
TRANSITION TIMES FROM 1990



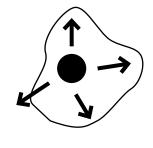
change of working places inside migration

TRANSITION TIMES FROM 1990

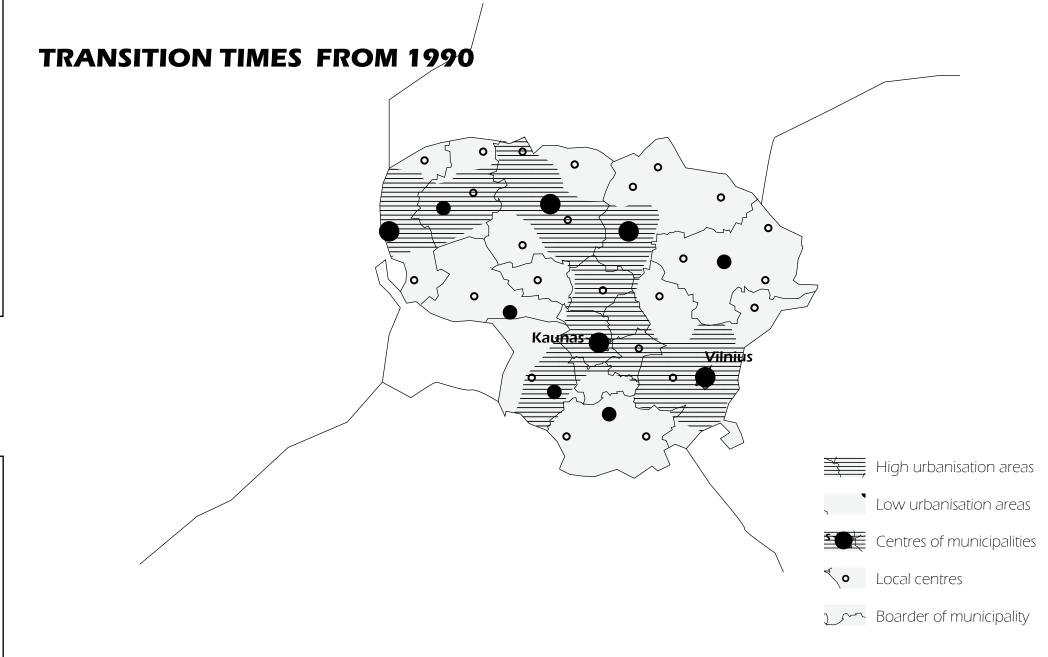




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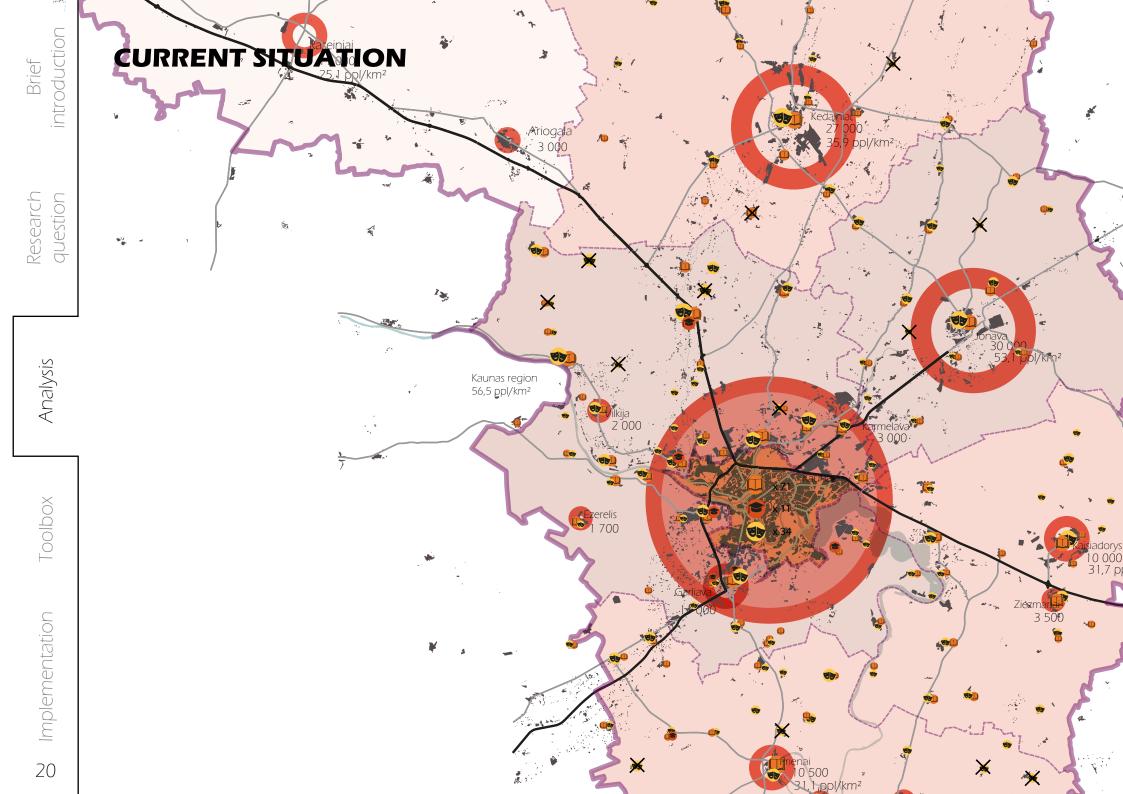


Inertial spread of cities



First planning law 1995

National plan 2002



HOW DOES IT HAPPEN?

"PSEUDO PLANNING IS BECOM-ING ACCEPTABLE" (COMMIN RE-PORT 2007:23)



'Plans are being made so it would be easy to change them. Nobody knows how everything will change in 10 years.'

'Urban sprawl is totally normal phenomenon, just like everywhere else.'

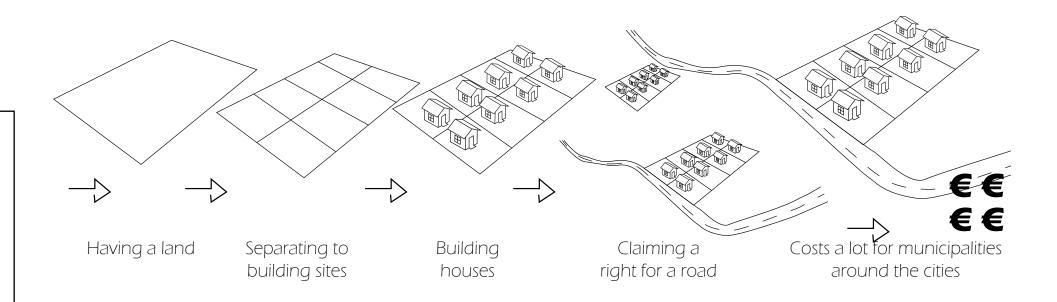
M. Ivaskevicius Architect from planning office



'What does the market want?'

'How can I benefit from my land the most?'

T. Dziugyte Architect from office involved in suburban development



Scheme showing how new neighbourhoods are being created. Made by author.



PLANS ARE ONLY CONCENTRATING ON NEW DEVELOPMENTS











TYPICAL NEIGHBOURHOODS Suburbia Post-socialist Intermediate area City centre

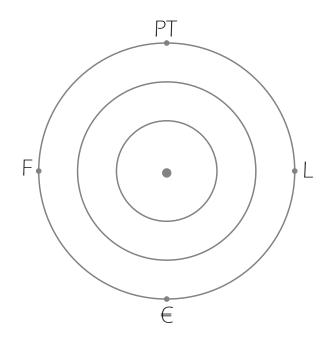
TYPICAL NEIGHBOURHOODS











Public transport

Facilities

Living conditions

Price (of renting/buying property)

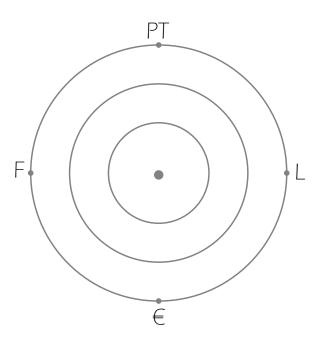
TYPICAL NEIGHBOURHOODS











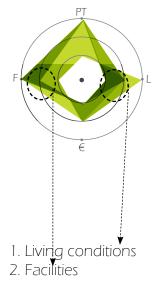
Public transport
Facilities
Living conditions
Price (of renting/buying property)





TYPICAL NEIGHBOURHOODS

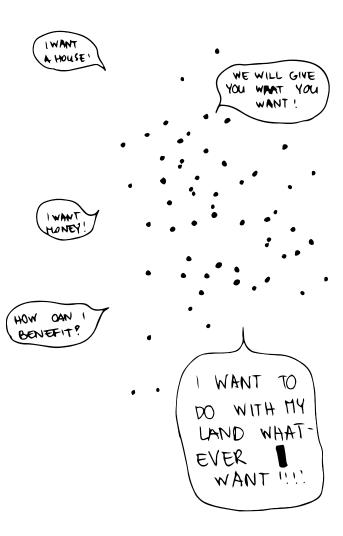






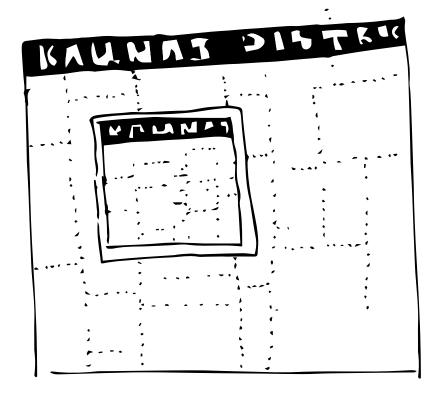
Conclusion concept

Developers



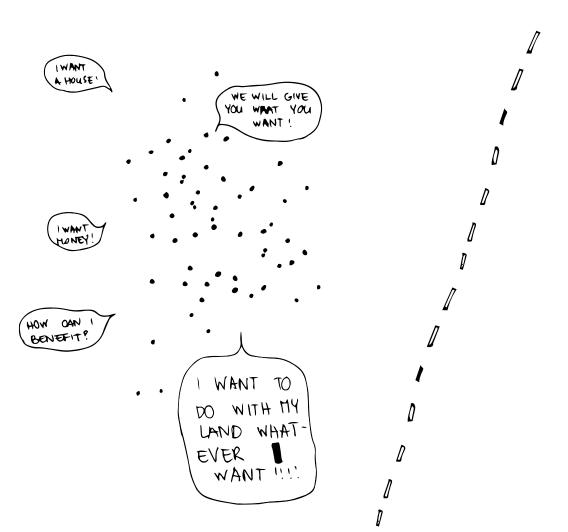
Government



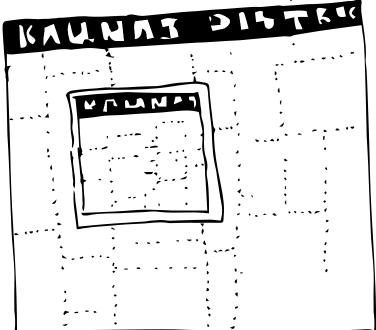


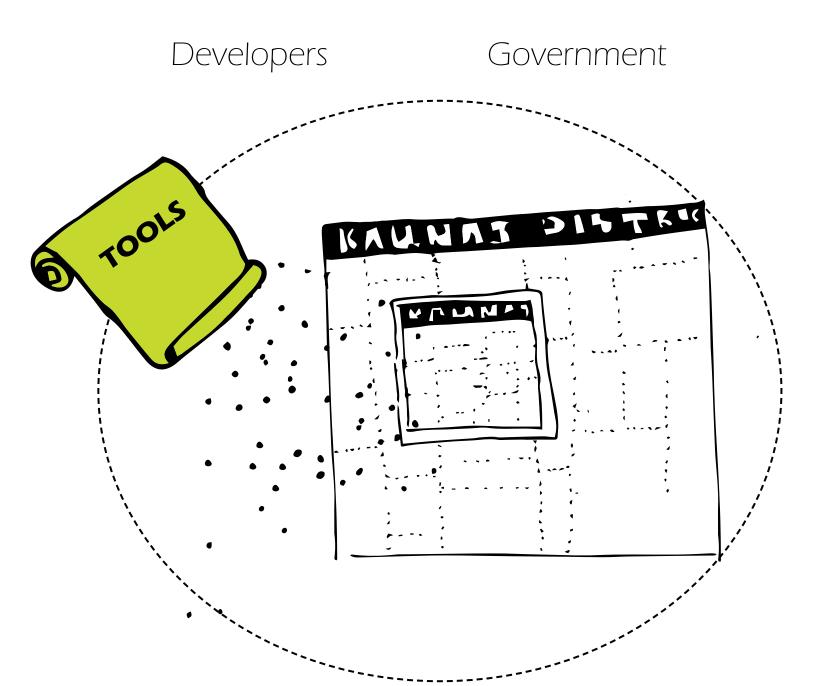
Developers

Government









How does it work

POST-SOCIALIST NEIGHBOURHOOD

Things to change:

Living conditions

- _not maintained semi-public space
- _a lot of left over space
- _not maintained buildings
- _not enough parking

Facilities

_car oriented facilities around neighbourhood

. . .

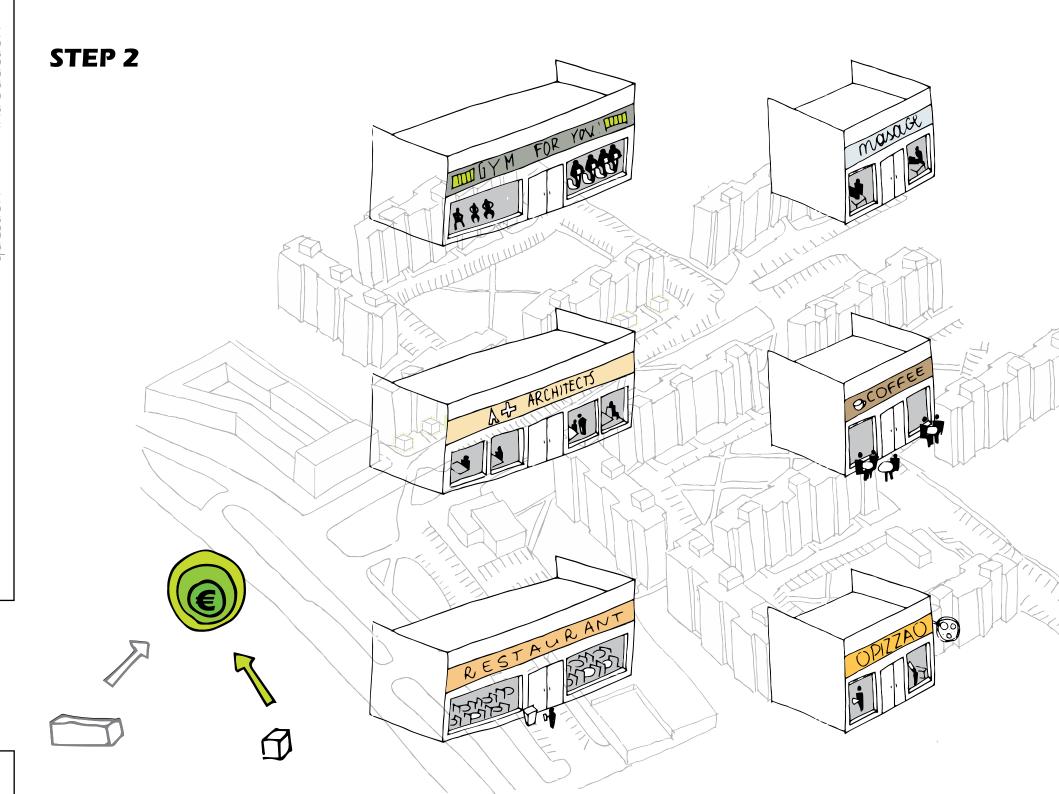


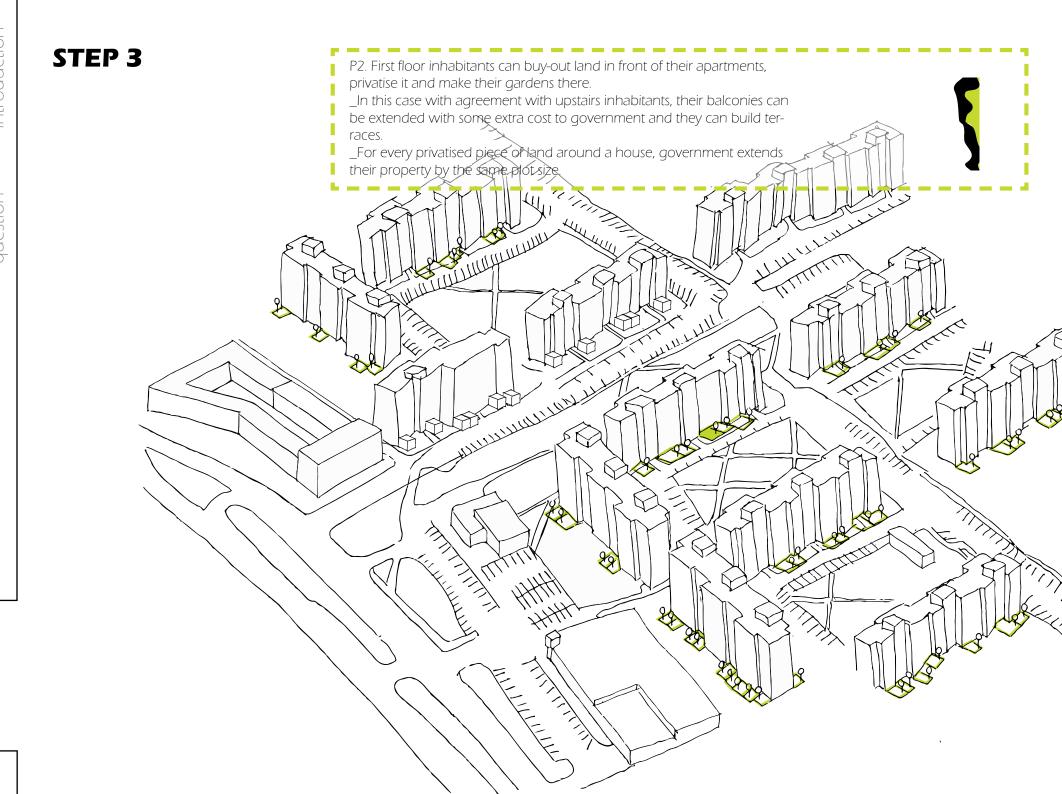
STEP 1



STEP 2



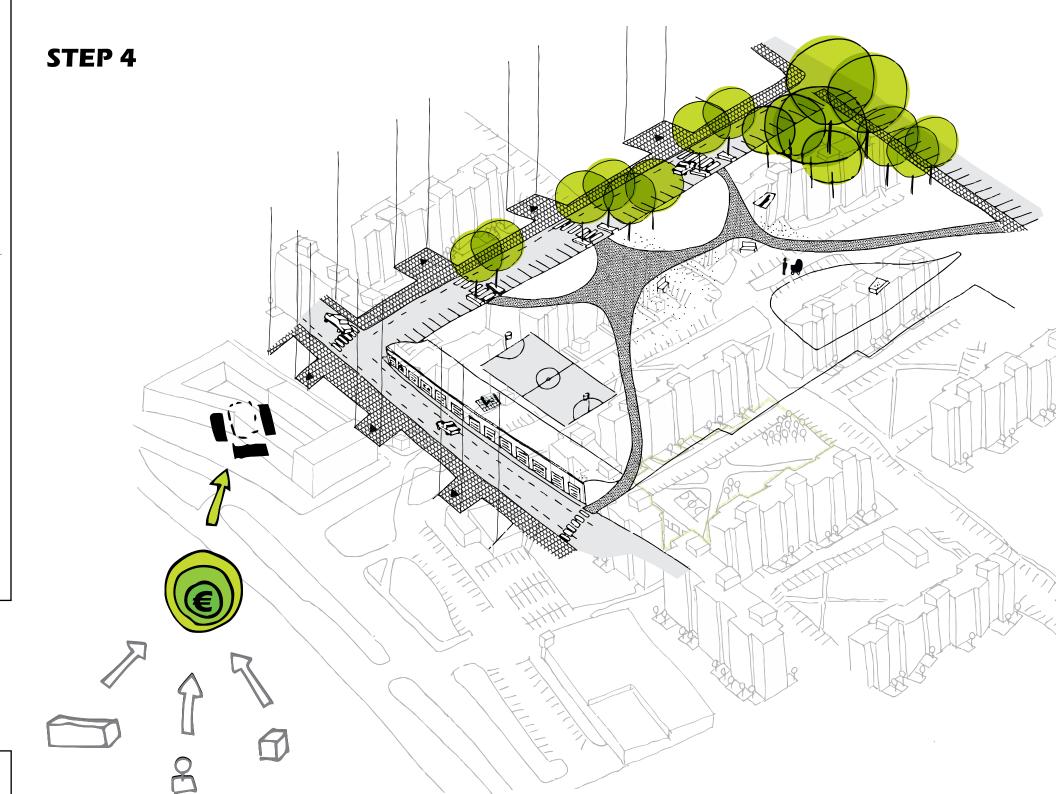


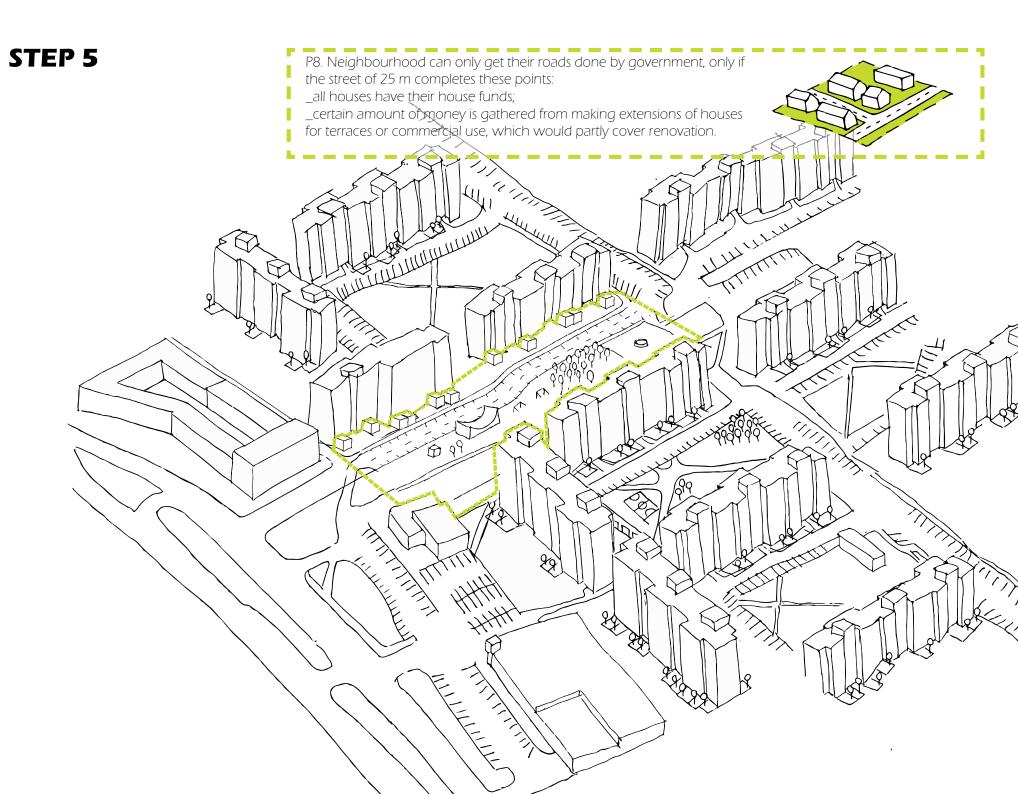


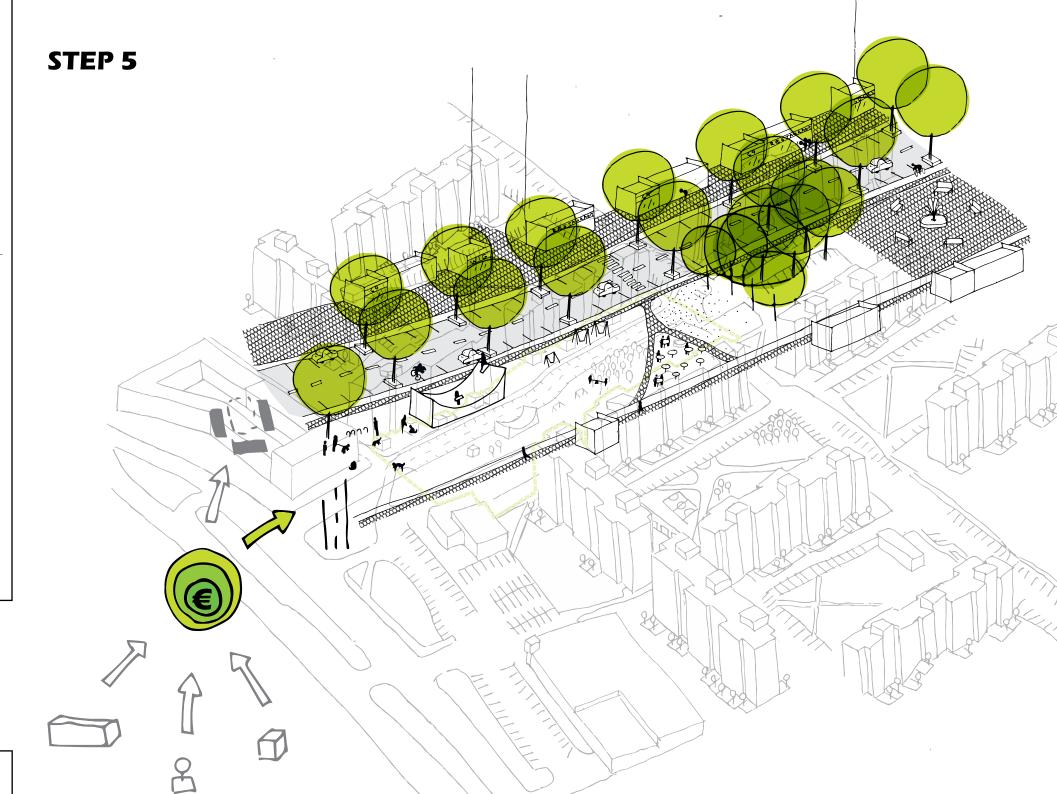
STEP 3





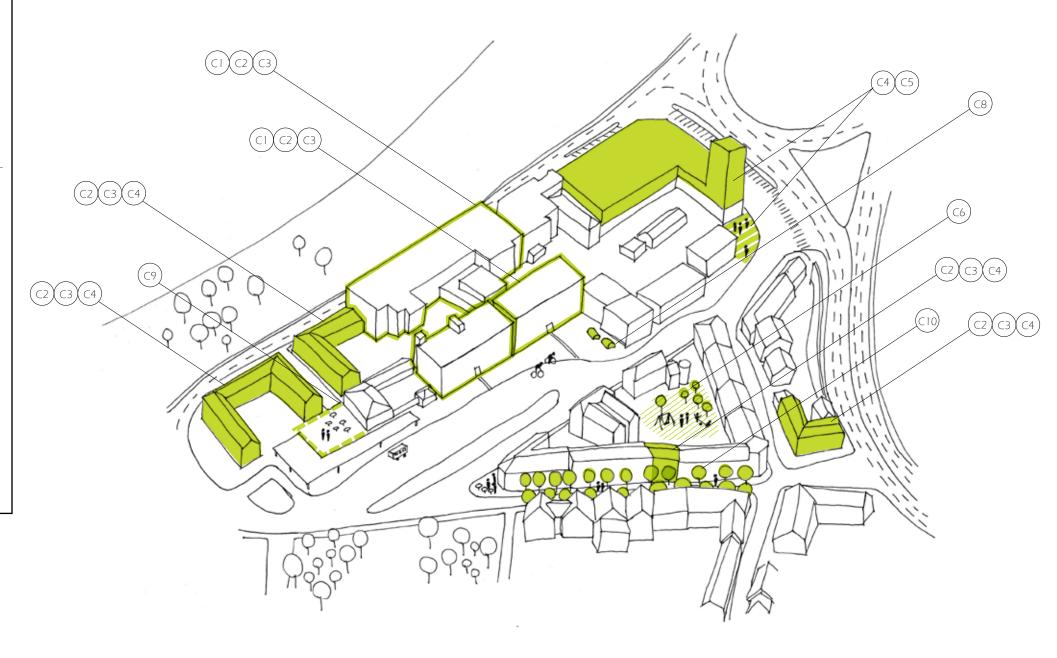




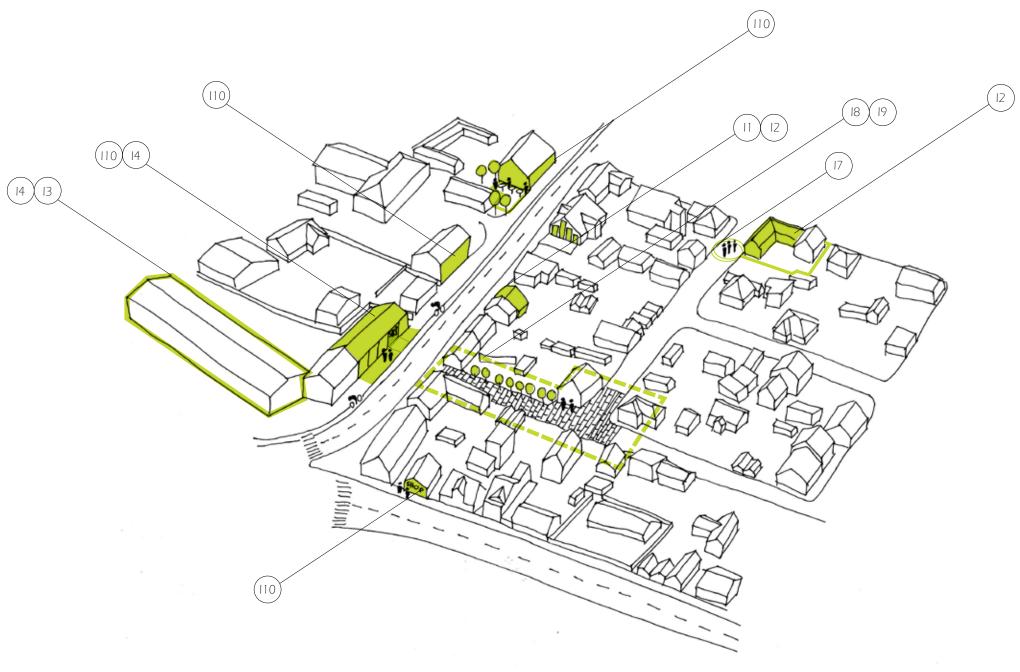




CITY CENTRE



INTERMEDIATE AREA



INTERMEDIATE AREA



SUBURBIA





IMPLEMENTATION IN ENTIRE REGION



