





Current challenges of urban transportation planning

- Urban planning has become a challenge
- Developers are often faced with conflicting demands
- What are the best strategies for responding to economic, social, environmental needs?
- How can cities and regions develop coherent long-term strategies while coping with the daily needs of residents?



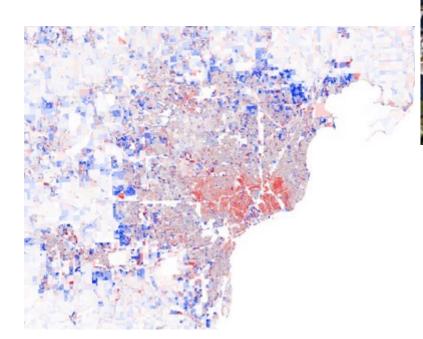




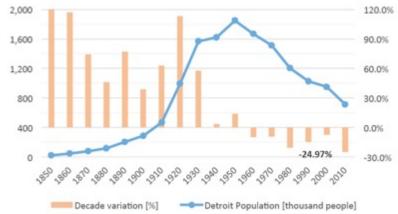


Transportation in urban planning

Detroit, USA









WECOOP

EU - Central Asia Cooperation on Water - Environment - Climate Change

Source:

Infrastructures

https://www.wired.com/2013/09/detroitgrowth-rings/,

https://www.youtube.com/watch?v=u5InsZLila8 , IGLUS, EPFL Management of Urban

Figure 8: Detroit population historical evolution 1850-2010. Author's elaboration, data from US Census Bureau 2015.









Transportation in urban planning

Riga, Latvia

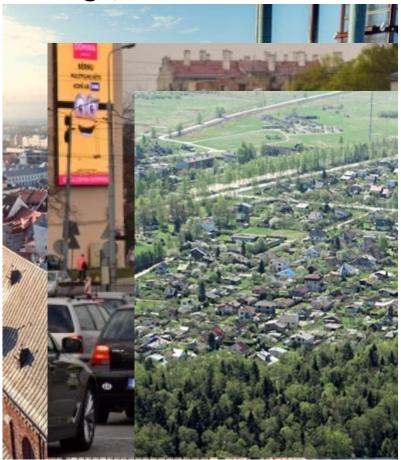
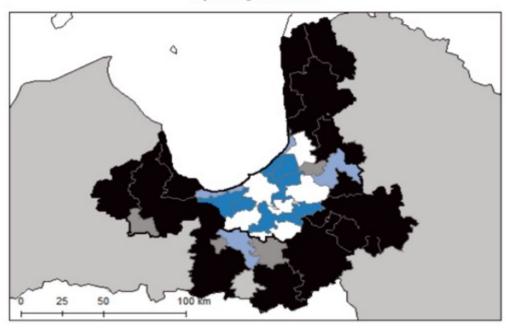


Figure 2.8. Population has declined in many municipalities but has grown in municipalities surrounding Riga

Population growth, 2010-15







WECOOP EU - Central Asia Cooperation on







Transportation in urban planning

Amsterdam, Netherlands in 1900, 1971, and 2013







Source: https://exploring-and-observing-cities.org/2016/01/11/amsterdam-historic-images-depicting-the-transition-from-cars-to-bikes/





Transportation in urban planning

Seoul, Korea in the 2000s and 2013





Источник: IGLUS, EPFL Management of Urban Infrastructures







Transportation: what is the price?

- Every year in Europe, 477,000 premature deaths happen due to air pollution (more than 7 million a year worldwide, WHO)
- According to a study conducted in the UK, people who regularly commute to work by bicycle have a 45% lower risk of cancer
- In 2017, 9600 people were killed in urban traffic accidents in the EU (38% of all cases)











Источник: https://www.who.int/news/item/22-09-2021-new-who-global-air-quality-guidelines-aim-to-save-millions-of-lives-from-air-pollution, https://www.eea.europa.eu/themes/human/noise,





Transportation: what is the price?

 The World Health Organization (WHO) ranks traffic noise, including road, rail and air traffic, as the second leading cause of poor health in Western Europe, second only to air pollution caused by very fine particulate matter



- Congestion costs EU member states €100 billion a year and is projected to rise to €150 billion by 2050
- Transportation accounts for nearly a quarter of Europe's greenhouse gas emissions





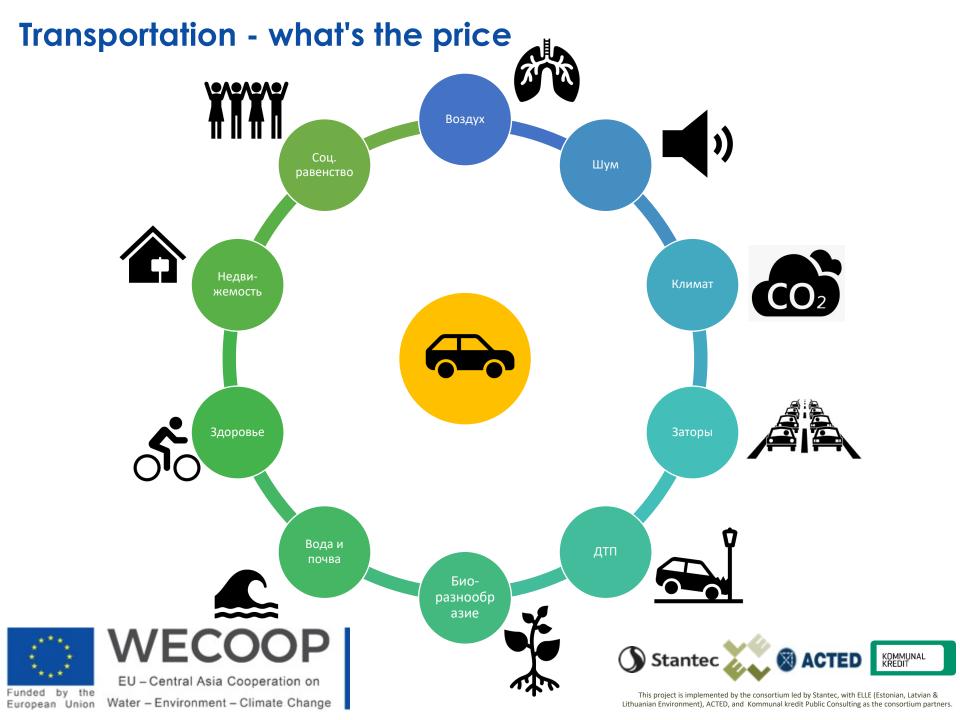
Источник: https://ec.europa.eu/clima/eu-action/transport-emissions en,











Current challenges of urban transportation planning

New technologies - new challenges







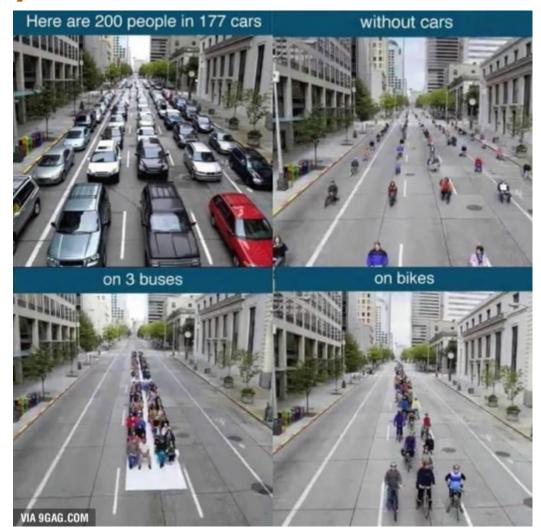








What city would we like to live in?









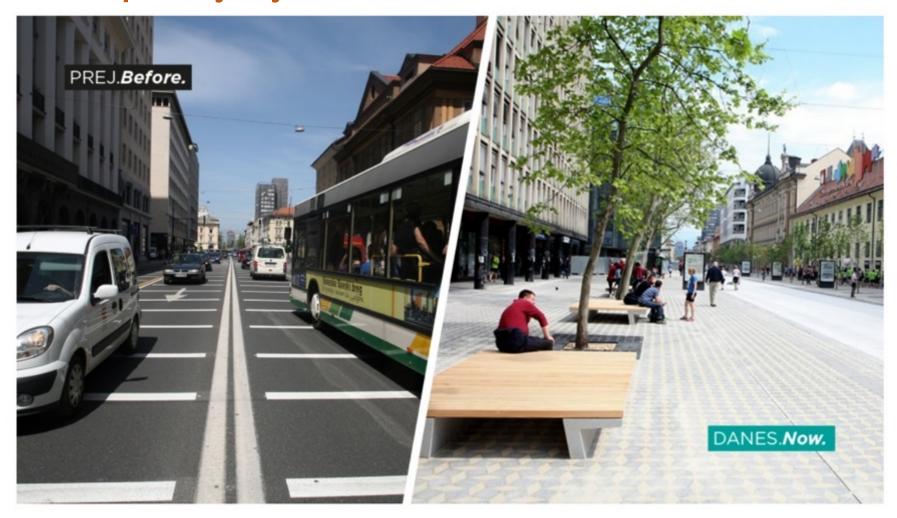
EU - Central Asia Cooperation on

Water - Environment - Climate Change

Funded by the

European Union

Examples: Ljubljana, Slovenia



Источник: https://www.eltis.org/resources/photos/





Examples: Ljubljana, Slovenia

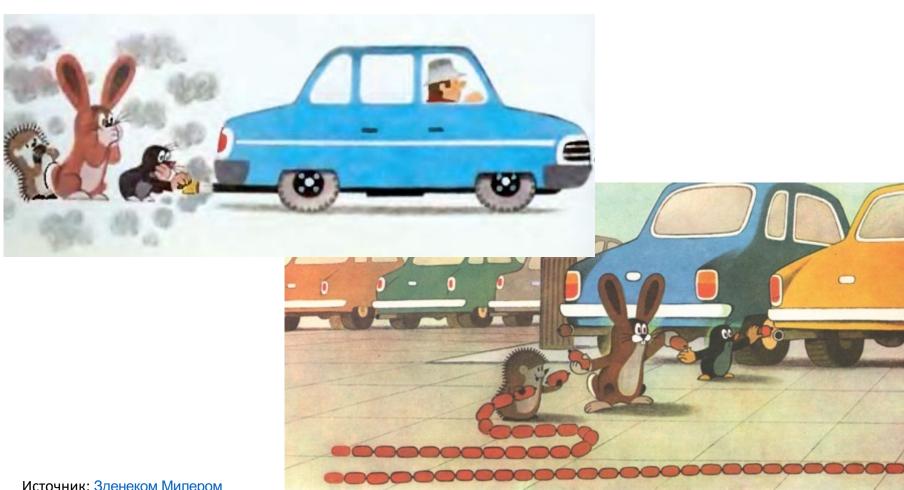


Источник: https://www.eltis.org/resources/photos/ljubljana-and-after-sump-petkovskovo





What city do we want to live in?



Источник: Зденеком Милером





Thank you!

Office 15 5 Dostyk str. Z05H9M1 Nur-Sultan

www.wecoop.eu info@wecoop.eu









f 🏿 👽 in @wecoopproject







