

Raising awareness of fundamental rights and EU values through sustainable transportation infrastructure



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IT science and practice

GreenMove, Fano
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Transportation & Fundamental Rights in Kaunas

- **Low-floor buses/trolleybuses** improve accessibility
- **Inclusive policies** reduce barriers for elderly, disabled & low-income groups
- **Mobility treated as a public right** supporting dignity & participation



EU Values in Local Transport Planning

- **SUMP** focuses on greener, low-emission mobility

(The city has adopted a Sustainable Urban Mobility Plan (SUMP) which sets quantitative targets: e.g., increasing the share of trips by bicycle from about 4% to 8%, while keeping walking at ~10%.)

- **Expansion of cycling corridors & pedestrian zones**

(Infrastructure upgrades for walking & cycling: Sidewalks, underpasses, ramps for bikes; planning ~143 km of cycle paths in future.)

- **Smart traffic management & eco-buses enhance innovation**

(Public transport modernisation: Example, the investment of ~€21.5 million to modernise the bus fleet in Kaunas.)





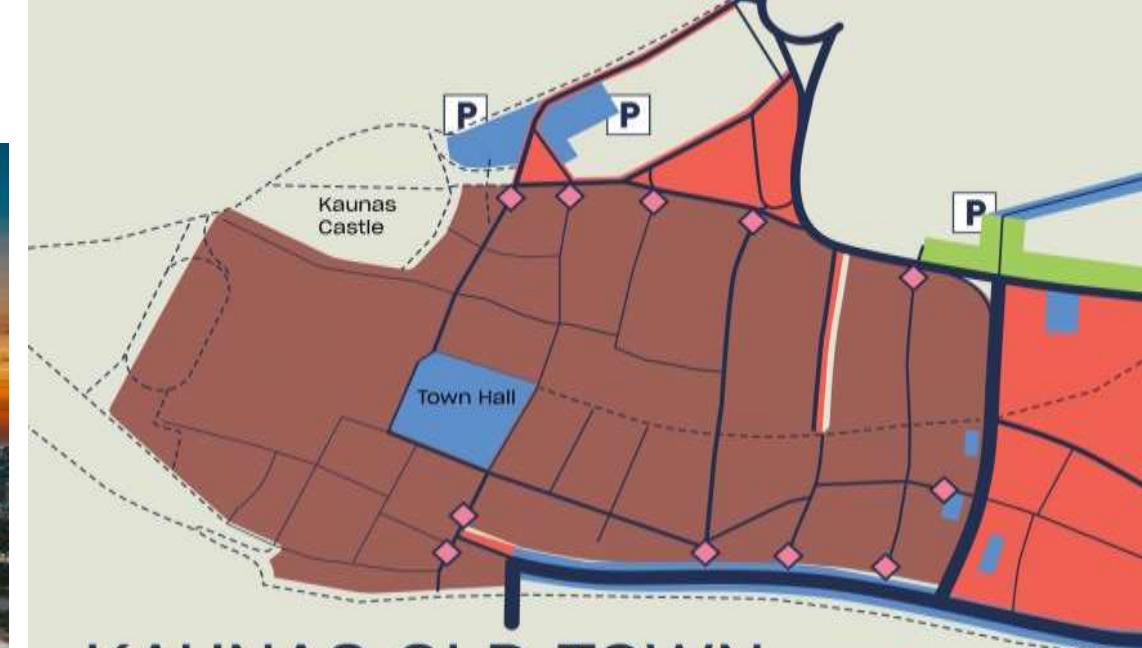
Public Transport in Kaunas



It's all simple: Download
ŽIOGAS APP and use
Kaunas public transport.

Find the app on [Google Play](#) and [Apple Store](#)
Timetables, tickets and prices





KAUNAS OLD TOWN LOW EMISSION ZONE (LEZ)

THE PRICE FOR EACH VEHICLE PASSAGE THROUGH LEZ IS 2 EUR.

- You can pay within 30 calendar days via www.parkavimaskaune.lt or carOne app
- After paying for parking (via parking ticket machine, SMS, or apps carOne, Unipark, ParkMan), the LEZ fee does not apply.
- You can check the amount due here stz.parkavimaskaune.lt or on the carOne app (enter your license plate number).
- Permit issuance and process www.parkavimaskaune.lt

◆ license plate recognition cameras

● Old town low emission zone 2 €/hr

€ Parking ticket machine

P Parking

Nearest other
parking zones

0,50 €/hr

0,50 €/30 min.

0,50 €/15 min.

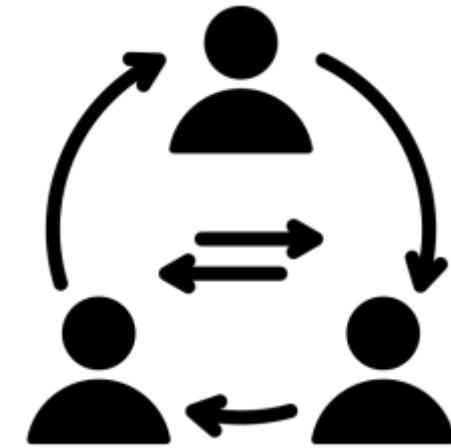
Challenges in Aligning with EU Principles



**High car
dependency in
suburban districts**



**Modernizing
historic
infrastructure is
complex**



**Behavioral change
among residents
takes time**

Cultural & Historical Influences

- **Modernist heritage** encourages walkability & design-sensitive planning
- **Old Town & interwar districts** require adaptive solutions
- **Electric trolleybuses** protect historical areas from noise & pollution



Measuring Impact

- **SUMP indicators** track emissions, accessibility & ridership
- Annual **mobility reports & public surveys** evaluate progress
- **Cooperation** with EU mobility observatories strengthens monitoring



Best Practices from Kaunas

- ✓ **Universal accessibility** in public transport
- ✓ **Integrated SUMP** balancing climate, social & economic goals
- ✓ **Cycling networks & pedestrian zones** model EU-aligned sustainability

Future

- To reach the cycling target (~8%), implementation of the planned 143 km cycle path network is key.
- Continued investment in low-emission public transport will help reduce per-trip emissions and shift people away from private cars.



Future

- **Measures to discourage car use in city centre (e.g., pedestrian zones, reduced speed limits, parking policy)** could enhance sustainability.
- **Monitoring and public engagement** are essential: encouraging behavioural change, not just building infrastructure.



GreenMove & International Cooperation

- **Knowledge exchange** strengthens rights-based planning
- **Joint tools** assess equality & environmental justice
- **Shared campaigns** boost public awareness of mobility rights



Thank you for your attention!

