

# Zhytomyr, Ukraine

Sustainable Urban Mobility Plan

Completed

## Basic information

Urban area	→ 93 km <sup>2</sup>
Population	→ 264,300 (2018)
Region capital city	
GDP per capita	→ USD 8,668
Baseline motorisation rate	→ 152 cars / 1,000 inhab.

### Modal share

Motorized vehicles	→ 15%
Public transport	→ 46%
Walking	→ 37.8%
Cycling	→ 1.3%



## Context

Zhytomyr is a city in northern Ukraine and is an important hub of inter-city road transport, due to its position as a crossroads between Kyiv and the country's western cities. It is also an important railway hub linking Kyiv, western Ukrainian cities, Minsk, and Russia via Belarus.

The city has a long tradition of electric public transport, with the adoption of the tramway in 1988, and the trolleybus since 1962. The trolleybus network grew steadily until 2008, when it was streamlined from 19 to 11 lines. Every year, the city's trams and trolleybuses carry almost 40 million passengers. The length of the electric transport routes reaches 125 km.

Several transport and mobility related challenges were identified during the SUMP preparation process. The fleet of public transport rolling stock needs to be updated. The average age of the trolleybus is 27.5 years, the tram is 32.5 years old, and the standard period of operation is 10 to 15 years, respectively. Road accidents are frequent, and road markings are absent on a variety of secondary roads and alleys, where it is particularly important to replenish them. In terms of walking infrastructure in the city, Zhytomyr has narrow pedestrian walkways, which are common in residential areas. Most traffic lights have no sound equipment. The street lighting focuses only on roads, resulting in insufficient lighting on the sidewalks.

## Support from the Partnership

**Technical Assistance:** Sustainable Urban Mobility Plan (SUMP)

**Funded by:** The German Federal Ministry for Economic Cooperation and Development (BMZ), Swiss State Secretariat for Economic Affairs (SECO)

**Implemented by:** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) within the project Integrated urban development in Ukraine

**Local counterpart:** City Council Zhytomyr

**Consultant(s) involved:** Dornier Consulting International GmbH, Rupprecht Consult GmbH

**Finance leverage:** EUR 10,000,000

**Final Sump report:** [Sustainable Urban Mobility Plan Zhytomyr I MobiliseYourCity](#)

### Supported activities:

- Capacity building for designing, applying, and implementing processes and standards of integrated and sustainable urban development.
- Preparation of priority infrastructure projects and implementation of small scale, low budget, and high impact investments (quick wins)
- Establishment of suitable communication, coordination, and cooperation mechanisms

## Status of implementation

**Project start:** 2017 Q4

**Project completion:** 2019 Q4

## SUMP key measures and cost estimates

The following table highlights the most significant measures identified in the SUMP.

Measure
Reconstruction of central streets and sidewalks
Envoy for bicycle transport is needed within the structure of the city administration
Further work on the concept of changes of Sobornyi and Peremohy squares, elaboration of feasibility studies, looking for funding

## Finance leverage

Financing resulting from the SUMP	Source	Amount (EUR)
Trolley buses	EBRD	10,000,000

**Last updated December 2023**