

A Green Capital aiming at an even greener mobility system

Sustainable mobility solutions in Ljubljana

A Covenant of Mayors 2016 Case Study

In a nutshell

As the Green Capital 2016, Ljubljana is promoting its sustainable, green mobility solutions that improve all citizens' quality of life.



Ljubljana in numbers

Number of inhabitants: 269,972

Joined the Covenant of Mayors in 2009

CO₂ reduction target of the city: 21% by 2020 (baseline year: 2008)

Number of Covenant of Mayors signatories in Slovenia: 29

Background

Ljubljana was one of the first signatories to the Covenant of Mayors in 2009 and was chosen as the 2016 Green Capital of Europe. The city has been striving for environmental sustainability and air quality improvement over the past decades. Due to its central location (in the middle of trade routes between the North Adriatic Sea and the Danube region) and in the heart of Slovenia, transport and mobility brings great economic opportunities, but at the same time pose challenges to the city's environment. The city has a key role in the economy of the country and the entire region. Almost a third of Slovenia's trade is made in Ljubljana and roughly a quarter of all employed people in the country work here. The city counts more than 130,000 commuters travelling by car.

An ambitious 2020 target

The quality of life in the beautiful and vibrant city centre was deteriorating as a result of the poor state of the public transport system and more and more private cars in the city's streets. In order to put an end to this negative trend, Ljubljana has set an ambitious goal for 2020: walking and cycling, public transport and cars should account for one third of all travels each. Currently, cars account for two thirds of all travels.

Clean municipal vehicles and electric mobility

Today, 34% of vehicles owned by the city administration and public companies are eco-friendly, more than half of which are vehicles using compressed natural gas or methane. Energetika Ljubljana, the public holding in charge of remote supply of heat (hot water and steam), cooling and natural gas, has also been building more and more charging stations for electric vehicles.

Public transport

As part of the CIVITAS ELAN project, Ljubljana implemented 17 measures to tackle congestion and reduce the share of journeys made by car in favour of sustainable modes of transport. A particular focus was the provision of a competitive, fast, effective, comfortable, customer-friendly, safe and less-polluting bus service and promotion of non-motorised mobility. Since 2008, the city has replaced many old buses with buses that meet Euro5 emission standards, and 5 hybrid and 20 CNG buses were purchased. Ljubljana's public transport company, LPP, has 66 buses using methane. Real-time information on bus arrivals is provided at bus stops, and cameras have been installed on buses to increase passengers' safety. Based on satellite navigation, a public transport priority scheme allows for reducing travel time. The introduction of a smart electronic city card created the conditions for an integrated payment system for local and regional public transport.

Working with citizens

Ljubljana is well-aware that its vision can only be achieved through a constructive dialogue with all stakeholders, and a thorough understanding of citizens' needs in terms of mobility. A giant leap forward in this context has been made in the past few years, by an intensive dialogue with citizens and other local stakeholders. These efforts have been accompanied by more than 130 public awareness-raising events.



Project numbers

Target: **2/3** of all travels by soft transport modes by 2020

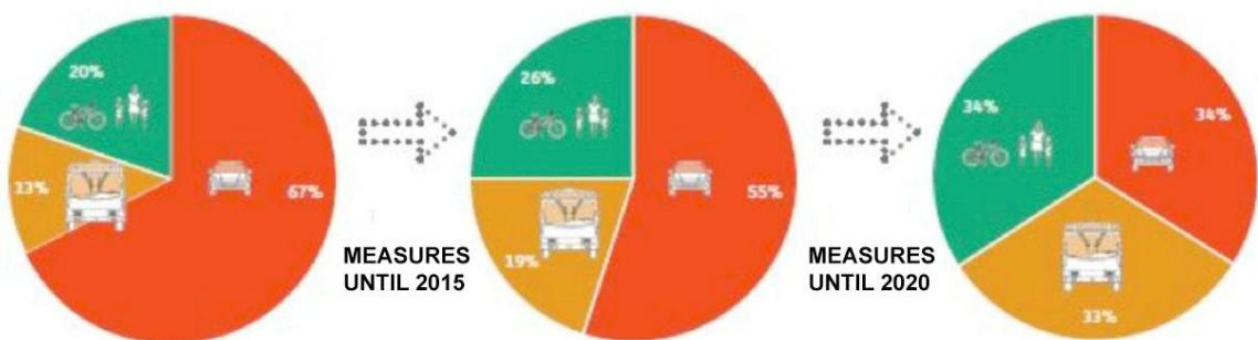
66 buses using methane

20 buses using CNG

2,100 hectares of pedestrian zones, reduced-speed zones and one-way streets

Cycling and walking

As part of a comprehensive plan to improve walking and cycling, Ljubljana has expanded pedestrian zones, reduced-speed zones and one-way streets to over 2,100 hectares. Two electric "on-demand" vehicles offer free transport in the pedestrian zone. Ljubljana also created additional Park & Ride facilities with more than 1,600 parking spaces. "Bicikelj" is the bicycle sharing scheme of the city, which has been quickly adopted by citizens as well as visitors.



For more information on the project, please contact:

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