

TEMPLATE

Output factsheet: Pilot actions

Version 1

Project index number and acronym	CE25 MOVECIT
Lead partner	Development agency Sinergija
Output number and title	O.T3.2: Pilot actions implementation of mobility plans' measures for low carbon mobility planning in functional urban area
Responsible partner (PP name and number)	PP11 - Aufbauwerk Region Leipzig GmbH
Project website	www.interreg-central.eu/Content.Node/MOVECIT.html
Delivery date	05.2019

Summary description of the pilot action explaining its experimental nature and demonstration character

The Aufbauwerk Region Leipzig GmbH had initially 3 pilot actions to implement which consisted of the purchase of 4 pedelecs and 1 cargo bike (1), the construction of 5 bike boxes (2) and the establishment of a booking and fleet management system (3).

Even though the Aufbauwerk purchases the equipment, the idea is that the employees of the Office for Traffic Planning and Road Construction use these bikes. This has been agreed in a rental agreement. The office takes care of the Leipzig road network, the footpath and the bicycle traffic system and also the road system for the motor vehicle traffic. Therefore, the Office for Traffic Planning and Road Construction is the best leading-actor in the pilot action for Leipzig.

The main target group for these pilot actions are the employees of the Office for Traffic Planning and Road Construction of the City of Leipzig (up to 270 employees), which received the permission to use these bikes as defined in the rental and cooperation agreement between the Aufbauwerk Region Leipzig GmbH and the City of Leipzig. It could be proven by a survey that about 70% of respondents (employees) use public transport or bicycles. Therefore, the measures aimed at supporting this positive trend.

There are two changes in the implementation of the pilot actions. The first change concerns the construction of the bike boxes (2). Because of weather conditions the construction of the bike boxes could not be implemented. These boxes could potentially damage the batteries of the bikes during high summer temperatures. The use of the underground parking garage, located in the Technisches Rathaus (Technical Townhall) offers an alternative secure storage space for the bikes. The second change is minimal and concerns the establishment of a booking and fleet management system (3). This system was provided by the City of Leipzig, so the establishment of a new system was not necessary anymore.

With the implementation of these pilot actions it was planned to test if employees would use a sustainable mean of transport, such as e-bikes, for business trips and commuting if the use of this transport is offered for free and located near their working place.

The measures are indicated in Action plan in Workplace mobility plan of Leipzig under M3 and M4 measures.

NUTS region(s) concerned by the pilot action (relevant NUTS level)

Nuts 3 DED52, Leipzig, Germany

Expected impact and benefits of the pilot action for the concerned territory and target groups

There are 3 goals to achieve; first, to raise awareness of municipalities employees of the impact of their mobility behavior and to motivate and achieve changes in this behavior. The 2nd is to introduce the pilot action plan as a strategic document of the city in the daily work agenda and pass it through the city council to gain wider acceptance. The 3rd main goal is to decrease the CO₂ emissions by up to 20% per year among municipalities staff through implementation of this pilot and by changing transport mode to a more sustainable means of transport. By implementing these pilot actions, the expectation is to decrease the CO₂ emissions and to raise awareness for sustainable mobility among the employees of the municipality.

The mobility parcours for the municipalities staff raised the awareness for mobility behavior. It is challenging to have the pilot action and its goals on the municipalities daily work agenda. In combination with other projects, it could be further developed. The first results of the pilot action show a decrease of CO₂ emissions. It is too early to conclude if the municipality will achieve the goal of reducing CO₂ emission by 20% per year.

Sustainability of the pilot action results and transferability to other territories and stakeholders

The concept of the pilot action is easy to transfer to other territories and stakeholders. It should be noted, that the process of implementation may take more time than initially planned because of bureaucracy or unexpected problems.

The City of Leipzig rents the bikes for 5 years with the possibility to prolong the rental agreement, which ensures the durability of the pilot action for the coming 5 years. The results of one month of use of the bikes are promising. During one month the bikes were rented 46 times for an average distance of 13.8 km per trip (total of 636 km). The use of the bikes for these 636 km equals approx. 150 kg CO₂ in comparison to business trips by car. This proves the sustainable and climate friendly impact of the bikes. If the use of the bikes continues this trend, then the employees of the Office for Traffic Planning and Road Construction of the City of Leipzig may decrease the CO₂ emission by 1.8 tons a year.

Lessons learned from the implementation of the pilot action and added value of transnational cooperation

Some challenges were faced during the implementation:

- > The administration is relatively slow, as evidenced by the creation of contracts. This led to delays, which made clear that a longer timeframe should be used in the future.
- > The construction of the 5 bike boxes was not possible due to weather conditions, which were not foreseen during the planning phase. Due to a good cooperation with the stakeholder and the lead partner, a solution was found for the implementation.

The pilot action is easy to transfer into other regions, but the costs are relatively high. Because the pilot is quite unimpressive, the concerning advertisement is necessary. In the MOVECIT project, it was advantageous that the pilot refers to one authority: Office for Traffic Planning and Road Construction.

The implementation of the booking and fleet management system would have been very cost-intensive and time-consuming, so it was good that this system was offered by the City of Leipzig.

References to relevant deliverables and web-links If applicable, pictures or images to be provided as annex

The pilot actions and its implementation are related to the following deliverables:

- D.T3.2.13: Workplace mobility plan
- O.T2.2: Trainings
- D.T3.3.7: Pilot Action report
- D.T3.3.13: Stakeholders input on the pilot action
- O.I1.1: Investment Factsheet

The deliverables can be found at the project website under menu Publication: <https://www.interreg-central.eu/Content.Node/MOVECIT.html>



Picture 1: Pedelecs and cargo bike with MOVECIT logo



Picture 2: Underground parking house