

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)	PP2 - Czech Environmental Partnership Foundation, PP9 - The Municipality of Litoměřice
Project website	www.interreg-central.eu/movecit
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Summary description of the pilot action explaining its experimental nature and demonstration character

The pilot action in Litoměřice consisted from purchase of 10 e-bikes in November 2017 and of 4 bike charging stations in May 2018. The e-bikes were distributed to the municipality departments and to the Municipal Police at the beginning of the cycling season in 2018, and they have been used for business trips and local commuting. A reservation system for e-bikes which is available to all employees through intranet was developed by the city IT department.

Regarding the charging stations, 1 of them (for 4 e-bikes) was installed at the premises of hospital and can be accessed and used by general public. The other 3 were installed in yards of all municipality premises: at Pekařská workplace (1 charging station for 3 e-bikes) and Topolčanská workplace (2 charging stations, each for 4 bikes). After reconstruction of the inner yard of the main municipality building in Mírové náměstí one of the charging stations from Topolčanská will be moved to Mírové náměstí. The charging stations have been operating since their installation in June 2018.

These two measures (e-bike and charging station purchase) has been recognized in the workplace mobility plans of the municipality (measure C.1.1 & C.1.2. in action plan) and the hospital (measure A.1.3 in action plan).

The experimental nature of the pilot action is to test whether the employees will use the e-bikes for the purposes of business trips and commuting when they are offered to them for free. Also, it demonstrates the easy use of the e-bikes which can make the employees motivate to purchase their own.

Three of the purchased bikes were also given to the municipal police department which uses them during the worktime; thanks to this fact the e-bikes can be seen at the municipality regularly, making the public (inhabitants and visitors of Litoměřice) more familiar with the concept.

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

The municipality of Litoměřice (CZ042) is located in Ústecký Region (Czech Republic, NUTS3). The pilot action does not concern only the municipality itself; it also includes the FUA: surrounding villages and other bigger towns and cities from which the employees commute.

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

The aim of the pilot action is to promote sustainable way of travelling and commuting among employees of Litoměřice and to promote e-bikes within the inhabitants and visitors of Litoměřice. One of the main goals is to significantly increase the usage of bikes for business trip purposes, especially within the town and its close surroundings. Since there are three municipal buildings and there is a need for employees to often visit the other buildings, usage of the e-bikes can save time, environment and money. E-bikes were chosen instead of regular bikes because one of the municipal building (Topolčanská) is slightly up hill which could cause trouble for some employees. E-bikes are also a very friendly solution even for those who aren't active sportsmen or do not have a chance to change clothes / take a shower after trips on bike.

The charging stations are not only a necessary infrastructure for the e-bikes usage, but their goal is also to promote e-bike commuting from the FUA of the municipality and use of e-vehicles in general. The pilot aims to motivate people to change their transport mode from cars to a more environmentally friendly mode also by offering them a possibility to charge their e-bikes for free on a public place such as near the hospital entrance. E-bikes are considered the best alternative to cars in this case since they are also an individual transport mode and they are less physically challenging as regular bicycles. Three charging stations at the municipal buildings can also motivate the employees to purchase their own e-bikes, and in this way to rise the share of e-bikes commuters even more.

Target groups of this pilot are primarily employees of the Municipality of Litoměřice, the Municipal Police department and the Litoměřice hospital, to further extent even the public.

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

There are two points of view on the sustainability of this pilot action. First, we can assume that the pilot will be sustainable only for the amount of time during which the equipment purchased within this pilot will function. The bikes can eventually have too many flaws or damages to not be able to work and so can the charging station. However, there is another point of view that can have different sustainability. The pilot action is not just a “purchase of e-bikes and charging stations”, it introduces a new way of official business trips and a commuting mode which can be adapted by the employees. The changed behavior and new experience cannot be easily broken. There are high chances that the employees will continue in a newly learned behavior even after the bikes are not usable. Furthermore, the municipality of Litoměřice stated in the action plan of the workplace mobility plan to purchase additional e-bikes in case the pilot is well accepted and successful. This means that even the first view at the sustainability shows a big promise to take the initial pilot action and make it even more sustainable.

On regards of transferability, the equipment cannot be physically transferred. Nevertheless, the methods and approaches used during all the stages (preparation, implementation, monitoring) of the pilot and connected problematics (stakeholder involvement, promotion) can be shared and transferred to other municipalities.

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

The pilot was implemented fully for the city hall and the Hospital of Litoměřice. Bikes and charging stations were purchased and installed/distributed according to a carefully prepared plan (which was discussed with representatives of the both institutions during series of meetings with members of the MOVECIT working groups). It was found out that there is a variety of e-bikes on the Czech market but it was quite difficult to find out potential suppliers of bike charging stations which would fulfil our requirements (regarding size, requirements on the place for stations, installation and maintenance, and other technical parameters).

After the e-bikes and bike charging stations were purchased, we have not faced any serious problems or complications. Even more, the pilot action was taken positively by employees of the both institutions, it has attracted attention of local people in Litoměřice (and demonstrated a potential of e-bikes in the city and its surroundings), especially because 3 of them were used permanently by the members of the Municipal Police. The e-bikes even attracted attention of local, regional and national-wide media (because it is quite a unique transport measure in the region and there is no other city in the region which would have e-bikes in its city vehicle fleet). Because of this uniqueness, we faced some legal problems, especially how to deal with security and safety issues of employees and bikes. Necessary precautions had to be taken to allow legal and safe usage of the e-bikes. These solutions were based on insurance, implementation of internal legal documents and every user was also trained. These solutions can be shared as well as other experience and can be part of transnational added value of the pilot

project. The Municipality of Litoměřice has shared their experience with the pilot with other PPs and at several events and will continue with sharing gained knowledge.

To conclude, our experience with application of the pilot is quite positive. The whole pilot is in line with the city long-term strategy to be a local leader regarding energy management and sustainability, Litoměřice is an example of a city which directly supports sustainable transport modes.

References to relevant deliverables and web-links

If applicable, pictures or images to be provided as annex

This pilot action is very strongly related with the [D.T3.3.2: Report on implementation of pilot action in CZ: Small scale measures for cyclists](#) [D.T3.2.3: Institutional mobility plan for municipality Litomerice](#), [D.T3.2.4: Institutional mobility plan for Litomerice city hospital](#), D.T.3.3.9: Stakeholders' input on CZ pilot action and O.T3.1: 13 mobility plans developed for 13 central Europe municipality's units to fostering CO2 reduction ([Municipality of Litoměřice](#), [Litoměřice Hospital](#))

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



Picture 1: A charging bike station at the hospital in Litoměřice



Picture 2: E-bikes at a yard of the building Pekařská



Picture 3: A member of the municipality police riding an e-bike