Making it Count
Clean urban public transport is essential for meeting the EU’s goal to reduce carbon emissions. LOW-CARB builds the capacities of officials to coordinate joint public investment in low-carbon mass transit through mobility planning in functional urban areas. Over three years, LOW-CARB’s partners will develop strategies, launch action plans and conduct pilot projects in seven towns and cities, helping them to reduce their regions’ CO₂ emissions by almost 60,000 tons while raising awareness, increasing knowledge and influencing attitudes and behaviour.
TAKING COOPERATION FORWARD
WHO WE ARE

Partners from seven Central European countries are joining forces to improve public transport’s contribution to reducing CO₂ emissions in functional urban areas, led by the Leipzig Transport Company (LVB).

Austria
- Salzburg AG for Energy, Transportation and Communication

Croatia
- City of Koprivnica
- University North

Czech Republic
- City of Brno

Germany
- Central German Transport Association (MDV)
- City of Leipzig
- Leipzig Transport Company (LVB) (lead partner)

Hungary
- Szeged Transport Ltd.
- The Regional Environmental Center for Central and Eastern Europe (REC)

Italy
- Electric Tramways Parma (TEP)

Poland
- Municipality of Skawina
OUR VISION

LOW-CARB aims to enhance capacities for integrated low-carbon mobility planning in functional urban areas in Central Europe, in view of the potential for public transport in functional urban areas to contribute to achieving the EU’s White Paper goals of cutting transport emissions by 60 percent by 2050 and halving the use of conventionally fuelled cars in urban transport by 2030.

WHO FUNDS US

Our project is funded by the Interreg CENTRAL EUROPE Programme that encourages cooperation on shared challenges in Central Europe. With funds of EUR 246 million from the European Regional Development Fund, the programme supports institutions to work together beyond borders to improve cities and regions in Austria, Croatia, the Czech Republic, Germany, Hungary, Italy, Poland, Slovakia and Slovenia.
LOW-CARB
Capacity Building for Integrated Low-Carbon Mobility Planning in Functional Urban Areas

LOW-CARB is one of nine cooperation projects currently funded by the Interreg CENTRAL EUROPE Programme that encourages cooperation on low-carbon strategies in functional urban areas to lower CO₂ emissions. The goal of the project is to increase investment in low-carbon mass transit.

www.interreg-central.eu/lowcarbon

FACTS AND FIGURES

11 PROJECT PARTNERS

38 TANGIBLE OUTCOMES UNTIL MAY 2020

2.64 MILLION EUR INVESTMENT VALUE
OUTPUTS

LOW-CARB’s strategies, action plans, tools, pilot actions and trainings are expected to reduce CO₂ emissions by almost 60,000 tons by 2020 by spotlighting public transport services and sponsoring innovative pilot actions.

The pilot actions and corresponding strategies will reflect new trends such as open data-based mobility planning, integrated mobility platforms and low-carbon smart technologies, including an electric public transport feeder service and solar-powered e-bike charging stations to link public transport and shared mobility. Local stakeholder involvement will be key, as we link up with the EUROPEANMOBILITYWEEK campaign.

LOW-CARB will co-finance and build capacities for integrated low-carbon mobility planning for functional urban areas both within and beyond the project beneficiaries. It will address burning issues such as institutional cooperation and action plan implementation, including joint financing and public investments in low-carbon mobility systems in times of austerity.

Project achievements will be available via the Central Europe Sustainable Urban Mobility Planning (SUMP) Competence Centre.
LOW-CARB’s dedicated focus on integrated low-carbon mobility planning for functional urban areas will result in the development of the following tools:

- a framework for the monitoring and evaluation of the impact of low-carbon sustainable urban mobility plans (SUMP), tested by the city of Brno; and
- an innovative instrument that allows regions to self-check the compliance of their regional SUMP processes with the EU SUMP guidelines.

A hallmark of the project is its unique focus on functional urban areas, which, according to the Interreg CENTRAL EUROPE Programme brochure “European Territorial Cooperation 2014-2020”, are “functional economic units characterised by densely inhabited ‘urban cores’ and ‘hinterlands’, whose labour market is highly integrated with the cores”.

Evaluation Instruments Available by May 2020
STRATEGIES AND ACTION PLANS

LOW-CARB will play an integral role in the development of sustainable regional mobility plans in partner cities.

The urban centres and outlying areas of Brno, Koprivnica, Leipzig and Szeged will develop SUMPs for integrated low-carbon public transport in their pilot areas, while Parma will also develop an action plan for multipurpose charging infrastructure for multimodal public transport e-services.

The project will also propose three strategies that address (i) low-carbon mobility planning; (ii) the introduction of innovative public transport services; and (iii) open data-based mobility planning.

LOW-CARB will invite 18 “follower” cities, via an open call, to join the project in 2018. These cities will be expected to prepare SUMP for their respective functional urban areas.

Project achievements will be available via the Central Europe SUMP Competence Centre.
TRAINING

Two training sessions per partner country will be held across Central Europe in the local language.

Four transnational events will also be organised:

- One in 2018 and another in 2019 on low-carbon mobility planning and innovative mobility offers (including how to involve companies as stakeholders and target groups in integrated low-carbon mobility planning).
- A policy workshop at a significant international location (December 2019).
- An exploitation workshop with financers, political stakeholders and potential users (March 2020).
PILOT ACTIONS

Five pilot actions, each related to multimodal public transport planning and innovative low-carbon technologies, will be implemented within the functional urban areas of the partner cities:

- In Salzburg and Koprivnica, mobility offers such as bike- and ride-sharing schemes supported by solar-powered e-bike charging stations will be integrated into the public transport system.
- Leipzig will employ multimodal information services such as a Mobility as a Service mobile app to encourage shared mobility.
- Szeged will offer a CO₂ trip calculator.
- The Municipality of Skawina will test an electric public transport feeder service.

Our demonstration cities’ pilot experiences will be summarised in a transnational handbook, available by May 2020, and presented at a final conference due to be held in Leipzig or Vienna that will integrate an accompanying marketplace. The event will also showcase the project’s exploitation plans.
DISCOVER MORE ABOUT LOW-CARB

www.interreg-central.eu/low-carb

A series of webinars, a semi-annual digital newsletter and a brochure on lessons learned will provide insights on the strategies, tools and pilots developed and implemented by LOW-CARB.

CONTACT US

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