

# Mobility Budget Planning Scenarios

*Fact Sheet*



MyFairShare

# Why Planning Scenarios

A series of initiatives have been adopted in the European Union to address greenhouse gas emissions and establish a society that is resilient to climate change.

In response to these initiatives, the implementation of mobility budgets offers a more precise strategy for addressing carbon footprints associated with travel.

Prioritizing localized carbon footprint control, mobility budgets are calculated and customized according to distinct regions, goals, and target demographics.

When prioritizing the mobility budget as the central objective in municipal transport route planning, the focus should encompass principles of fairness and equity in travel. This entails considering factors such as accessibility, variety of mobility choices, inclusivity of transportation modes, and social justice.

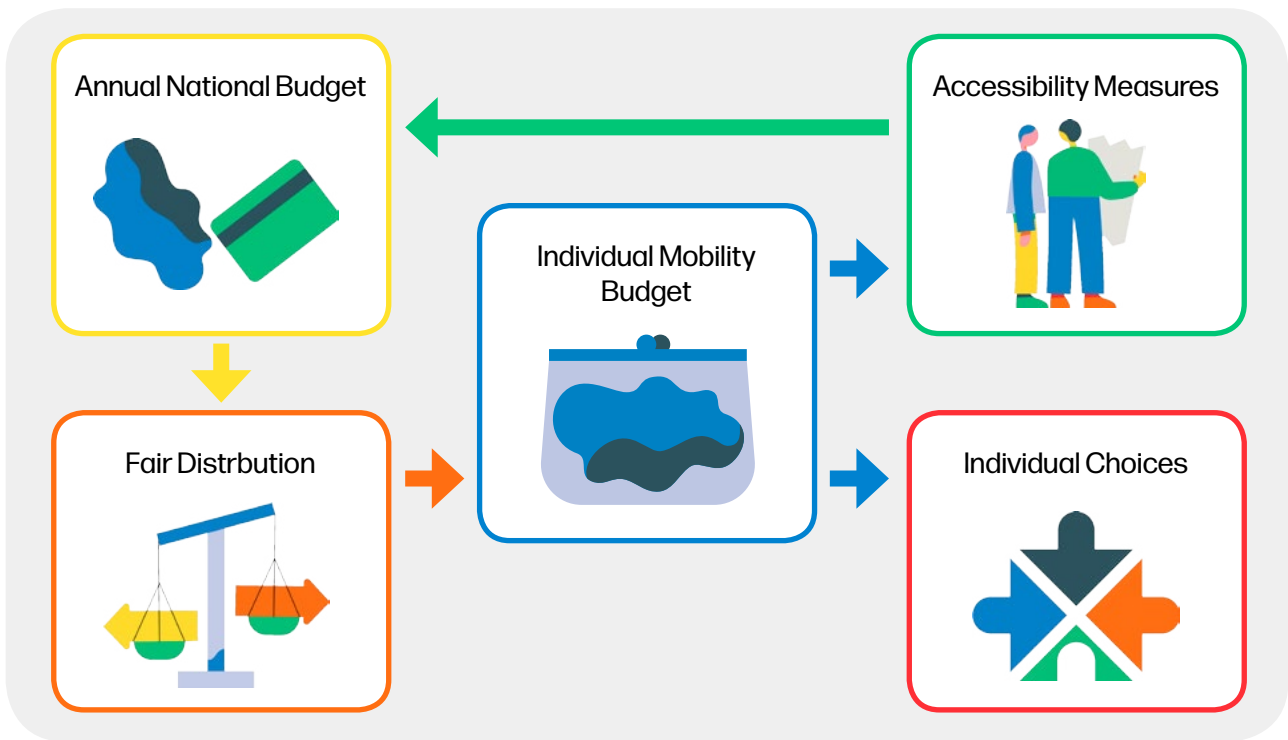
## How does it work

1. Carbon footprint management typically involves the implementation of carbon budgets that are applied on regional, national, and industry levels.
2. By equity understanding fair accessibility to the public transport what means accessible, fast, secure, reliable and CO2 neutral transportation.
3. By placing an emphasis on localized carbon footprint management, mobility budgets are calculated and customized based on specific regions, objectives, and target demographics.
4. Minimum mobility budget is defined by how much CO2 emissions have to be accepted for a person to reach the nearest everyday functionalities.
5. Data-driven decision-making in the planning of municipal transport routes that considers the principles of fairness and equity in travel, using a monthly mobility budget as the basis.
6. Users can personally customize the online self-assessment tool and are requested to furnish statistical data on their personal mobility behaviour, including daily distances travelled per mode of transport.
7. Users can contribute input for potential scenarios related to the evolution of transportation options.



## In a nutshell

- For planning the municipal transport system, public transportation routes and travel times are used.
- The tool allows modelling and what-if analysis based on different input data and input parameters for travel frequency and travel mode.
- Different input data could be used to model exceptional situations like special events and extreme behaviour of people.
- Balance can be achieved between meeting the decarbonization objectives and establishing a sustainable public transport network that caters to the needs of the citizens.



## How can Planning Scenarios be applied

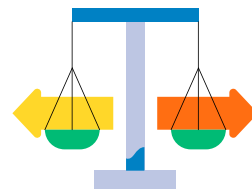
### For citizens

- ... **new accessibility to social infrastructure and working places** by optimization and planning of the public transport network.
- ... the provision of **optimized public transport** routes and timetables.
- ... use of alternative, more **carbon neutral** transportation modes.



### For targeting measures

- ... **re-planning actions** concerning the locations of public transport stations.
- ... **data-driven approach** to successfully model, implement, monitor and communicate changes.



### For municipalities

- ... to deploy **specific strategies** that will require restrictions on the use of some transport modes.
- ... **the decision-making process and decision explanation** for modelling and presentation.
- ... to provide **fair accessibility** of social infrastructure by making **trade-offs between travel time and CO<sub>2</sub> footprint**.



### For creating new businesses

- ... improving public transportation **efficiency**.
- ... visualization tool acts as a **guide for estimating** the mobility budget in different scenarios.
- ... city planning and **social infrastructure planning to provide greater accessibility** with minimal mobility budgets.



**MyFairShare** is a pan-European research project that builds on the sufficiency principles to change mobility habits through individual mobility budgets.

## Project partners



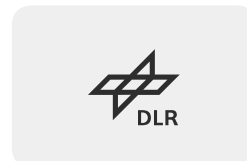
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University of Latvia



London School of Economics and Political Science



Institute of Transport Economics

*MyFairShare* is a JPI Urban Europe project selected within the ERA-NET Cofund Urban Accessibility and Connectivity (ENUAC) call. The ENUAC call aims at creating and testing new solutions and approaches for sustainable urban mobility.



JPI Urban Europe



European Commission



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## Imprint

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