

Concept of Sustainable Urban Mobility

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

Sustainable Transportation within the Framework of Green Deal - SPHERE

Call: ERASMUS-EDU-2023-CBHE-STRAND-2

Project Number: 101128065

Concept of Sustainable Urban Mobility

Sustainable urban mobility is an approach to transport planning that considers people's mobility needs, environmental quality, energy efficiency and urban economic development. Its goal is not only faster vehicle movement, but better accessibility, safer streets and higher-quality public space.



Why Is Sustainable Mobility Needed?

Modern cities face congestion, air pollution, noise, lack of parking space and increasing mobility demand. Sustainable mobility shifts the focus from car dominance to more efficient, healthier and safer forms of movement.



Basic Principles of Sustainable Mobility

Key principles include accessibility, safety, inclusion, environmental responsibility, economic efficiency and integration of different transport modes. A good mobility system enables citizens to easily reach work, schools, health services and public facilities.



Hierarchy of Users in Urban Space

In a sustainable city, priority is given to pedestrians, followed by cyclists, public transport, shared mobility and low-emission vehicles. Private cars are not excluded, but they should not be the basis for planning city streets.



Walking as the Basis of Urban Mobility

Walking is the most natural, accessible and environmentally friendly form of movement. High-quality pedestrian areas, safe crossings, good lighting, urban furniture and shade strongly influence the choice of walking for short trips.



Cycling Traffic

Cycling reduces pollution, noise and parking demand, while improving public health. Its development requires continuous and safe cycling infrastructure, bicycle parking facilities and good integration with public transport.



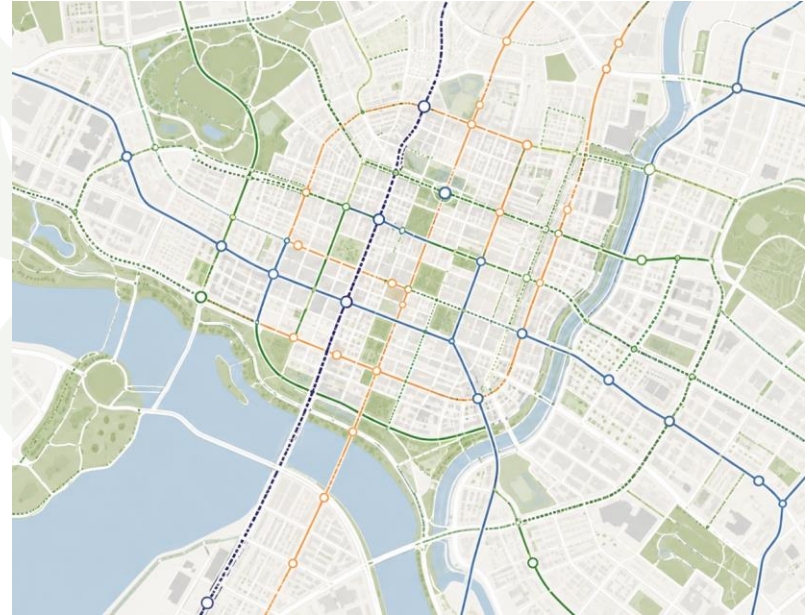
Public Transport in a Sustainable City

Public transport is the backbone of sustainable mobility because it carries many passengers while using less space and energy. High-quality service includes reliability, punctuality, accessibility, comfort and good route integration.



Integration of Transport Modes

Sustainable mobility requires connecting walking, cycling, public transport, shared vehicles and parking systems into a single functional system. Integration is achieved through good interchange points, common information systems and coordinated planning.



THANK YOU FOR YOUR ATTENTION!