The present research has been financed from the means of the National Centre for Research and Development as a part of the international project within the scope of ERA-NET Transport III Future Travelling Programme “A platform to analyze and foster the use of Green Travelling options (GREEN_TRAVELLING)”.

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Agenda

- Introduction
- Green Travelling Project
  - International cooperation
  - General products
  - Analysis
  - Case study
- Conclusions
The problem of choice type of travelling

Factors influencing the choice

Personal car
Public transport
Bicycle
Travelling by foot

Individual choice

Introduction
Introduction

The problem of choice type of travelling

Modal split of traffic

Individual choice
A Platform to analyse and foster the use of Green Travelling options
Green Travelling Project

General products of the project:

- GTalg – algorithm representing a key element of the project
- GTint – interface for computers, mobile devices and consoles car
- GTapp = GTalg + GTint
- GTplat – platform for decision support addressed to local authorities
Green Travelling Project

Analysis of the current state and data acquisition for three areas:

✓ Biscay (Basque Country)
✓ Part of Silesian Voivodship (Poland)
✓ Çankaya, Ankara (Turkey)

Choice of the platform for trip planner

Multimodal trip planning & analysis
Green Travelling Project

GTalg – alghoritm for trip planner

- travelling by foot
- foot – tram – bus - foot
- foot – train - foot
Green Travelling Project

Case study
The Green Travelling Project fosters ecological means of transport and multimodal trips. Choices made by users of transport systems should be based on knowledge about possible forms of travelling, as well as information regarding consequences for the environment and society. This should enable collating travelling options for a given motivation together with the assessment of those options as regards their environmental and social impact. The Project provides new opportunities as regards influencing transport behavior. According to EU guidelines, the two aspects should be developed in the upcoming period (according to EU documents horizon is defined at 2050).

International and interdisciplinary cooperation under the project provides an opportunity for implementing innovative solutions and more importantly universal ones – independent from the area they are applied. According to plans, in the nearest future, the Green Travelling Project may have a significant influence on transport systems in cities.
At the moment, attempts of balancing transport are based more on traffic models rather than justified socio-economic and political decisions. Such decisions, however, are made by parties managing the system and not people travelling. The Green Travelling trip planner enables using an interconnection between a transport system and a user, as well as the organizer of public transport or the administrator of infrastructure. Emphasis is put on providing information and developing relevant attitudes. We may expect that such a transfer of competences to users of the transport system will help them making more socially responsible decisions as regards travelling.
Thank you for your attention

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Green Travelling Project

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