

»CityWALK«Towards energy responsible places: establishing walkable cities in the Danube Region

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Main project data

- Danube Transnacional Programme–first call for proposals
- **Priority Axis:** Better connected and energy responsible Danube region
- **Area of intervention:** Support environmentally–friendly and safe transport systems and balanced accessibility of urban and rural areas
- **Project duration:** 30 months
- **Budget:** 2.229.590,5



	€ 1.669.430 ERDF
 Dec 2016 May 2019	€ 225.721 IPA

ANYBODY CAN LEAD A WALK

JANE JACOBS-urbanist and activist.



Cities have the capability of providing something for everybody, only because, and only when, they are created by everybody.

CityWALK–Why?

Increasing greenhouse gas emissions and congestions are negative side effects of urbanization, resulting from inefficient and unsustainable local transport systems.

A key challenge in cities is to improve transport systems and accessibility in an environmentally friendly manner.

The common challenges is related to the wider use of environmentally-friendly (including low-noise), low-carbon and safe transport systems, in order to contribute to sustainable regional and local mobility.

The appropriate response to this challenge is to reduce mobility needs on the one hand, and to gradually channel urban mobility towards more sustainable forms of transport, on the other.

CityWALK–Who?

Role	Official Name in English	Acronym	Country
LP	Scientific Research centre Bistra Ptuj	ZRS Bistra Ptuj	Slovenia
PP1 / WP 4 leader	First Hungarian Responsible Innovation Association	EMFIE	Hungary
PP2 / WP2 leader	Development Centre of the Heart of Slovenia	DCHS	Slovenia
PP3 / WP3 leader	Nyíregyháza Industrial park Ltd.	NYIP	Hungary
PP4	Cassovia Life Sciences	CLS	Slovakia
PP5	City municipality Varaždin	CMV	Croatia
PP6	Municipality of Oradea	PMO	Romania
PP7	Varna Free University "Chernorizets Hrabar"	VFU	Bulgaria
PP8	Regional Development Agency of the Pilsen Region	RRA PK	Czech Republic
PP9	Municipality of Weiz	MoWEIZ	Austria
PP10	Varna Municipality	VM	Bulgaria
IPA PP1	City of Valjevo	GV	Serbia
IPA PP2 / WP5 leader	Chamber of Commerce and industry of Serbia	CCIS	Serbia
ASP1	City municipality Ptuj	MOP	Slovenia
ASP2	City of Stříbro	STR	Czech Republic
ASP3	Municipality of Nyíregyháza City with County Rank	NYMJV	Hungary
ASP4	Ministry of Construction, Transport and Infrastructure	MGSI	Serbia

CityWALK–What for?



To improved urban mobility – while reducing emissions, noise levels and congestions, increasing safety and making cities more livable places (and also contributing to a healthier population).

To improve transport systems and accessibility in an environmentally friendly manner

Efficient urban transport systems, with an emphasis on active forms of transport – especially walking have various conditions – we help cities in the DTP Region to identify the obstacles, develop and implement a plan to address those obstacles

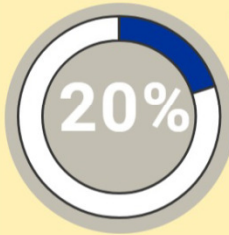
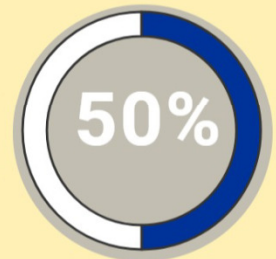


JUST FACTS



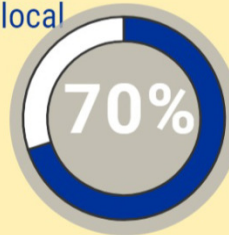
- an interesting IRISH study has shown that residents of a street with 2,000 vehicles per day traffic have three times as many friends as those living in a street with traffic of 16, 000 vehicles per day

- WALKING reduces the risk of all-cause mortality by up to 20%
- Depend on body weight walking at an average speed burns approximately 4 calories per minute-translating into more than 100 calories during 30 min. Walk



- In the US, people spend more than USD 8,000 on their cars every year. LESS than 20 % of this money (spent on licences, insurance, repairs and maintenance) remains in the local economy.

- In fact, analysis prepared by Transport for London shows, that pedestrians usually spend 70% more than drivers.



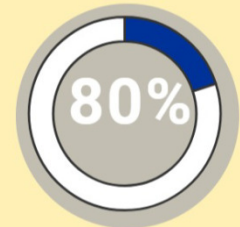
1 mile

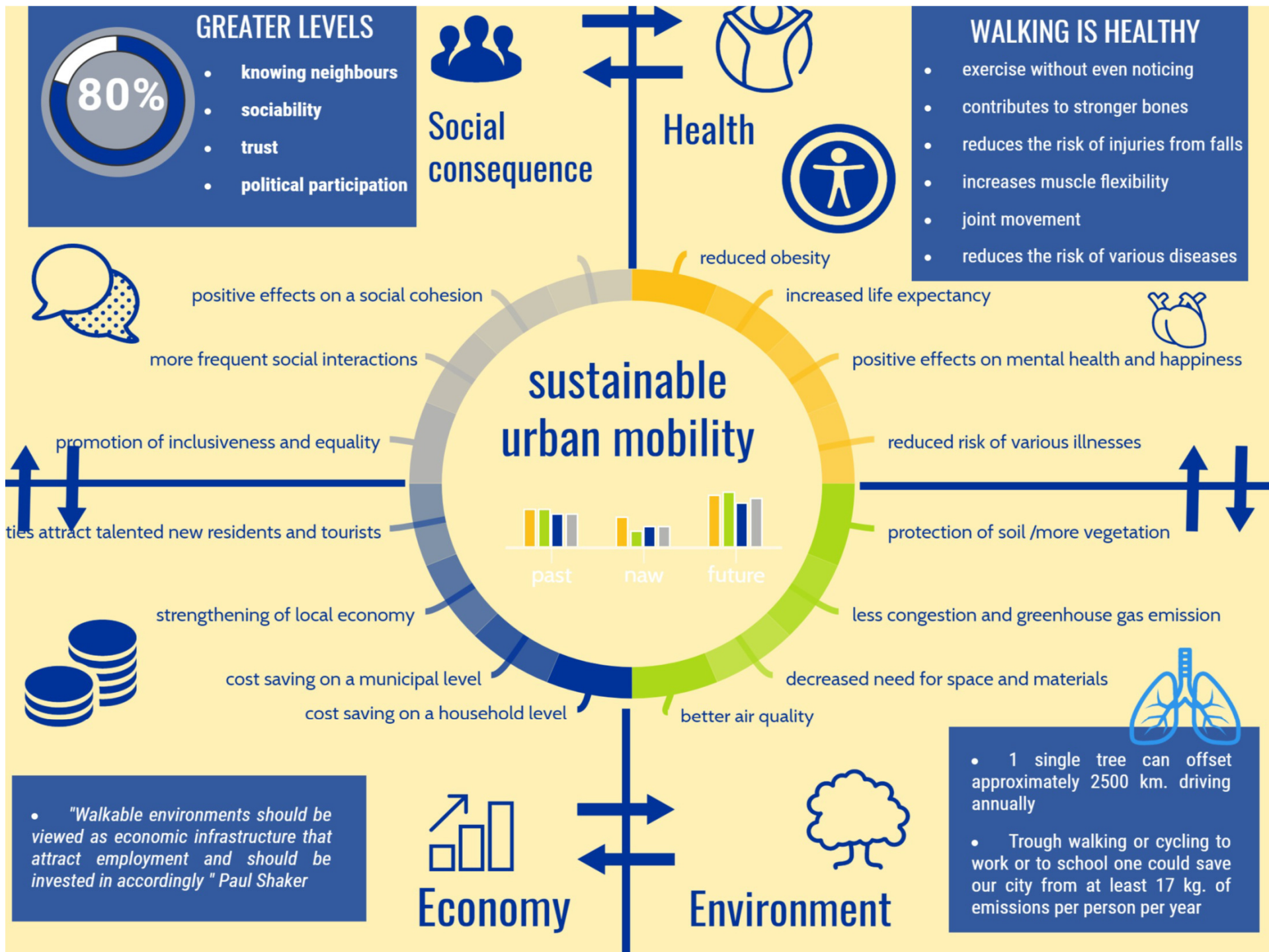


trips = 20 min.



- In England as much as 18% of all trips made in 2013 were less than one mile in length- so each of those drives could be easily replaced with a pleasant 20 minute WALK





CityWALK–How?

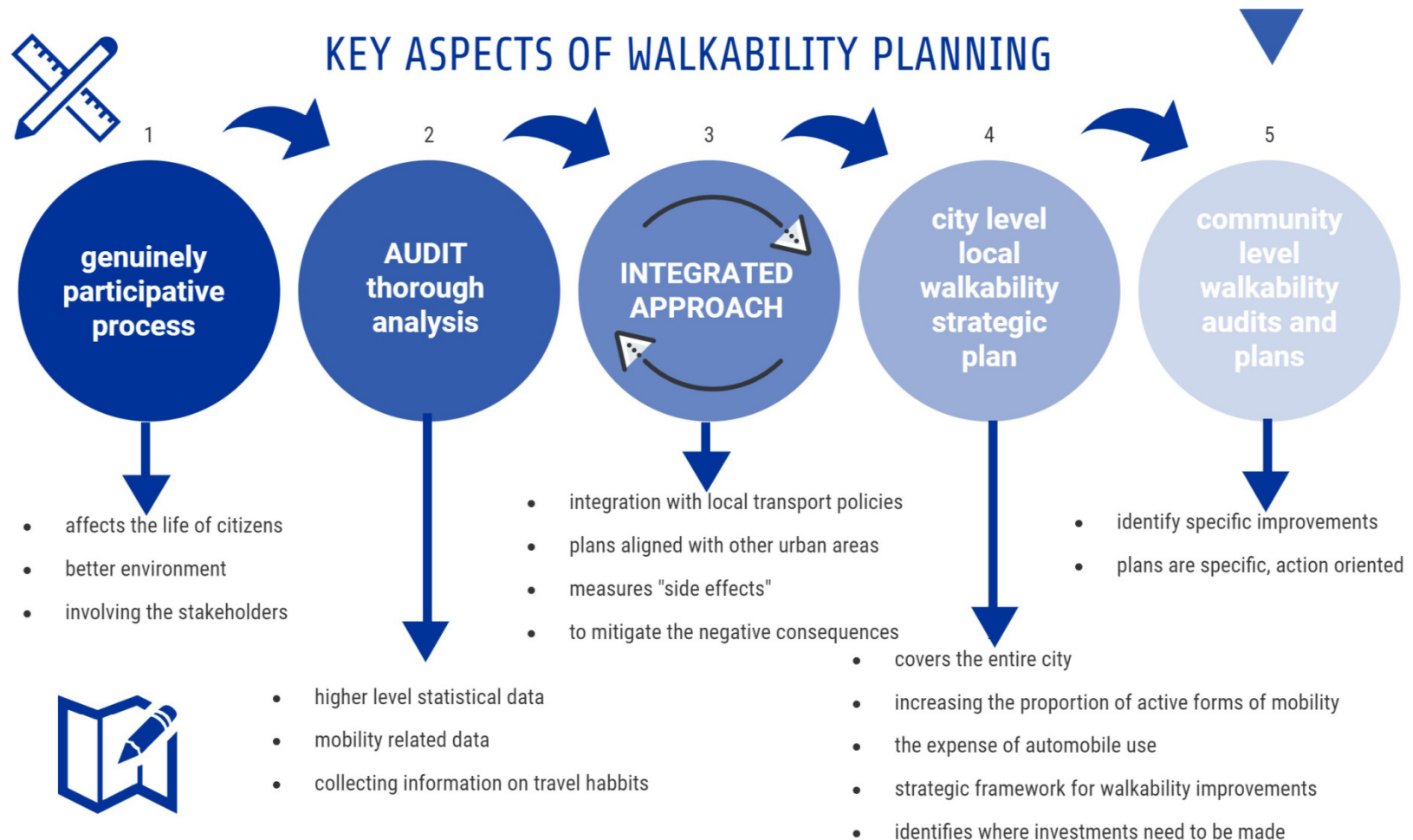
1. Understanding the **state of the art** regarding walkability and sustainable urban mobility. The partnership will collect and synthesize information from related scientific research results, as well as from existing and documented good practices available in Europe and elsewhere, also taking into account that key characteristics and features of the Danube Region. Based on the information collected a methodological framework will be defined for developing walkability and sustainable urban mobility. The outcomes of these activities will be presented in a **Baseline Study** and also a presentation and **infographics** – providing a framework and point of reference for walkability development in the region.

2. Methodology will be developed. This methodology – presented in a practical **guidebook for walkability planning** and also translated into a practical **training course** – will be developed in consultation with the partners and after its finalization will be made available to all of them.

3. As the most important step, 10 **walkability plans** are designed in 10 cities represented by the partners. In preparing these plans partners will rely on the

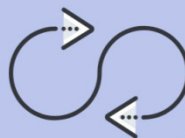
TRANSPORTATION PLANNING IS CHANGING (book) developed, using innovative methods of participative
city walkshops.





WALKABILITY PLANS NEED TO ADDRESS THE WALKABILITY CHALLENGE IN AN INTEGRATED WAY

- ✓ integrated urban development strategies
- ✓ sustainable urban mobility plan (SUMP)
- ✓ strategic framework



WALKABILITY PLANS NEED TO IDENTIFY DIFFERENT TYPES OF INTERVENTIONS :

- ✓ investments in pedestrian infrastructure
- ✓ soft interventions to raise awareness of the importance of walkability
- ✓ policy proposals, changing local regulations (building regulations, for instance parking regulation)

CityWALK–How?



4. A “**walkability guide**”; using the guide, the cities of the Danube Region will be able not only to work out their own walkability plans, but also to take specific steps based on the knowledge of their local situation to shift toward the use of more sustainable transport modes. The guide will use inputs from the preparation of local walkability plans, and also from the experiences of implementing pilot actions.

5. A **walkability index** specific to the Danube Region – an index measuring the walkability of urban neighborhoods, enabling quantifying and comparing the level of development of walkability within a city, but also between cities. The complete methodology will be developed based on similar indicators used elsewhere in the world. This index will take the characteristics of the area into consideration and integrate the specificities and size differences of the cities in the area.

6. An **online walkability tool**, based on the walkability guide and the index. The tool will enable the quick initial measurement of walkability in a given neighbourhood for any stakeholder, even for citizens.

STREET DESIGN



WHY IS IT IMPORTANT ?

Places for people to meet, do business and be entertained



Streets: the most important and valuable public space in CITIES.

Streets occupying 20% of the TOTAL land area in typical city.

20%

"Vehicles come and GO.
Buildings go up and come down. ROADS LAST FOREVER!" - Samuel I. Schwartz

7 PRINCIPLES "Better Streets, Better Cities"

- Safety
- Mobility
- Pedestrian accessibility
- Liveability
- Sensitivity to local context
- Creative and flexible use of street space



WHICH ARE THE MOST IMPORTANT STREET ELEMENTS ?

"Streets are nonverbal allegories which call upon our memory" - Michel de Certeau

ENVIRONMENT

- Cars are also major sources of noise pollution in cities which is detrimental to nature and discourage human activities.



Landscaping

GREEN SURFACES makes streets attractive and liveable

21st century

Carriageways
space for motorised VEHICLE mobility



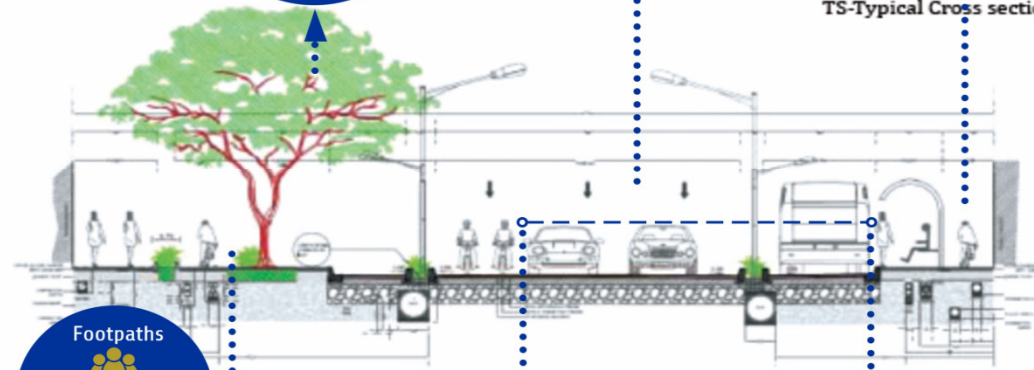
PARKING AREA TRAFFIC CALMING

- provide physical obstacles forcing slower driving in city streets (speed bumps, vivid colours, bollards and even roundabouts)

Street lighting
reduces the risk of traffic accident
a key condition of SAFETY

Street furniture amenities

TS-Typical Cross section



Footpaths

space for safe and comfortable pedestrian movement

PEDESTRIAN CROSSING

They are dedicated and clearly signalled parts of streets, allowing SAFELY crossing from one side to the other; provide preference and protection for pedestrian

CYCLE tracks



low cost, environment friendly, quick and requires less space

THE HEALTHY CHOICE



-28%

- the Harvard study showed that the risk of injury while riding a bicycle was 28% LESS on streets with protective infrastructure

- help to combat inactivity , obesity, diabetes and pollution



BUS stops



providing the interface between the street and the public transport system

CityWALK–How?

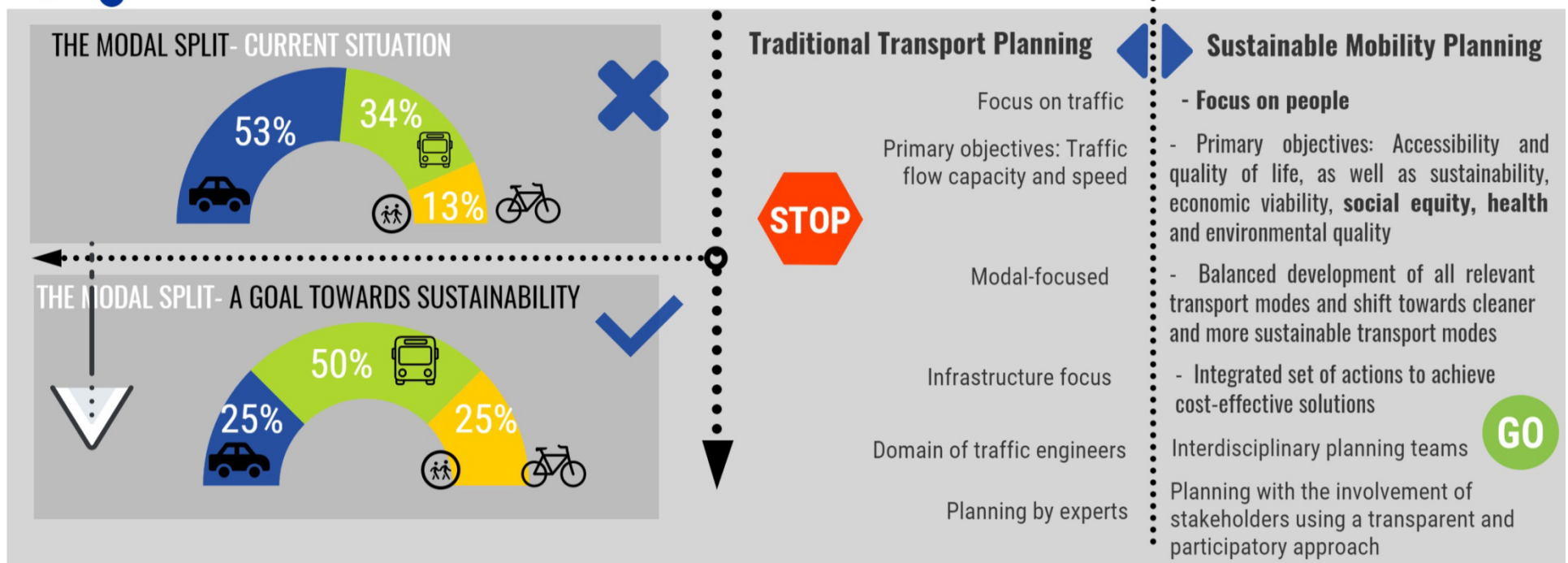
7. **Delivery of pilot actions:** pilot actions are typically low-cost interventions (often with the involvement of the local community) that can improve walkability. There is no one-size fits all solution – so these need to be aligned with the specific local challenges, but the involved cities actually test-drive certain measures they have identified in their walkability plans.

8. **Test-driving walkability tools:** the walkability toolkit is a crucial outcome of the Project. In order to ensure the highest quality and usability of the proposed tools, partners will test both the Walkability Guide and the Walkability Index and feedback their findings to enable fine-tuning of the tools.

9. **Developing policy proposals:** based on the learnings of the Project key messages and calls to action need to be conveyed to policymakers to improve policies related to sustainable urban mobility. Such proposals will be developed and made available on local, national and also on transnational level.

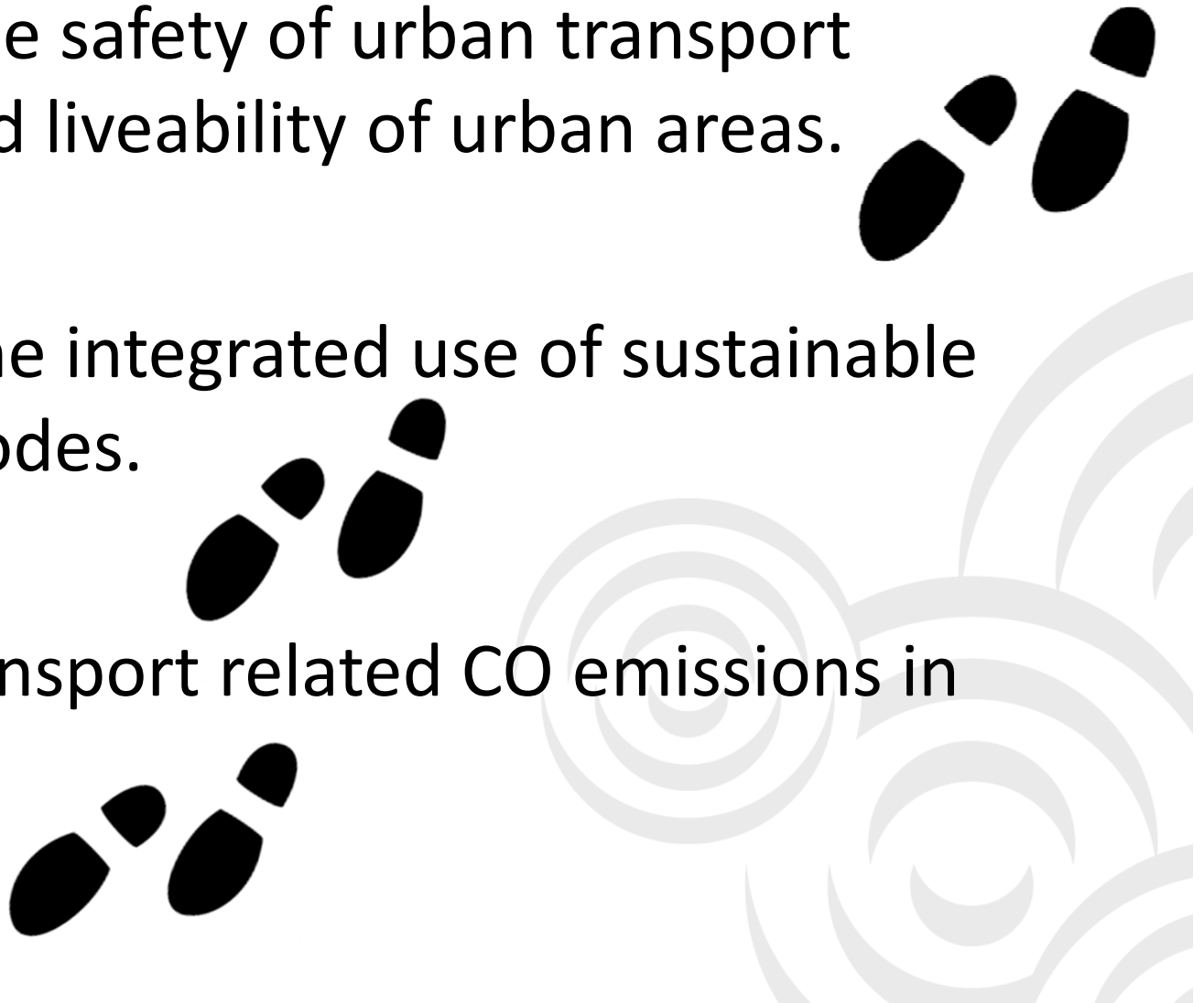


How to plan for optimal modal mix ?



CityWALK–Expected result

- Increasing the safety of urban transport networks and liveability of urban areas.
- Enhancing the integrated use of sustainable transport modes.
- Reducing transport related CO emissions in urban areas.





Interreg



EUROPEAN UNION

Danube Transnational Programme

CityWalk



Thank you for your attention!

