URBAN SUSTAINABLE MOBILITY TOWARDS MORE ACTIVE AND HEALTHY COMMUNITY
THE PEP RELAY-RACE „ACTIVE MOBILITY“
RIMINI, ITALY

THE PEP
Transport, Health and Environment Pan-European Programme

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The Republic of Serbia has been a part of environment and health process since 2004, and by signing firstly the Amsterdam, then the Paris Declaration in 2009, it joined the PEP, thus officially accepting to transpose relevant elements and provisions into own legislation,

Representatives of the Republic of Serbia are also a part of international bodies: Bureau and Steering Committee, as well as in the European Working Group for the development of the Cycling Master Plan,

At the meeting held in 2014 in Paris, the Republic of Serbia accepted to participate with Austria and France in the partnership for mobility and cycling, promoting the activities pertaining to sustainable transport inciting the development in this area as a form of fight against climate change, as well as possibility for new jobs.
The Republic of Serbia has expressed interest in accepting the Goals of the Amsterdam and Paris Declaration,

Promotional process on local level was organised through Arhus centres, in partnership with responsible Ministries and institutions, NGO, media,

THE PEP National Working Group has been formed with the priority programme objective to improve the process in shortest possible period, and to connect it into a synergy with three leading ministries: Ministry of Environmental Protection, Ministry of Health, and Ministry of Construction, Transport and Infrastructure, as well as with NGOs and interested public.
Serbia insists on the importance of investments into more ecological and healthier modes of transport, both aimed at economic and social development and creation of jobs, and for reduction of pollution and GHG emissions, thus contribution to mitigation and prevention of climate change.
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Vision Serbia – Active mobility

THE PEP
Transport, Health
and Environment
Pan-European Program
Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable.

Urban green space, public health, and environmental justice: The challenge of making cities „just green enough“

Highlights:

- Urban green space promotes physical activity and public health.
- Urban greening can, however, create paradoxical effects such as gentrification.
- Urban green space projects need more integrative sustainability policies to protect communities.
Optimal mobility, defined as relative ease and freedom of movement in all of its forms, is central to healthy aging.

Mobility is a significant consideration for research, practice, and policy in aging and public health. Serbia propose an integrated mobility agenda, which draws on the lived experience of older adults.

New future strategies for research, practice, and policy are needed to move beyond categorical promotion programs in walking and driving to establish a comprehensive program to enhance safe mobility in all its forms.

Walking is among the most common forms of physical activity engaged in by older adults, as either a leisure-time pursuit or a part of everyday activities.
The importance of sustainable urban transport is emphasized, as well as integration of transport policies into physical planning, providing support to green and healthy life styles in cities, including physical activities (walking and cycling, which prevents illnesses and obesity).

Partnerships between governments, local authorities, business sector, NGO and interested public and stakeholders are strongly supporting implementation of the activities.

Representative of the National Cycling Association of Serbia also actively participates in the work of international working group, stressing priorities of Serbia in activities that promote cycling at the national level.
A major trend in sustainable city transport is the rise of e-mobility

The “e” in e-mobility refers to electric and autonomous vehicles, and the communication technologies and connected grid which will enable a shift to low-carbon transport, which the panel pointed out is the way of the future. Initially e-vehicles, then e-assisted tricycles, then we may see assistance from drones. Smart grids will tie all this together.

To provide more quality infrastructure through practical and available platform which facilitates everyday city life.

Moreover, through a chat option, the application enables better cycling networking, meeting and creating informal groups for cycling, and user creation of alternative routes to go around the city by bike.
The power of the sun presents many opportunities - but the grid needs to adapt

- Using solar to power charging posts for electric vehicles, or even having electric vehicles store solar power, which they then feed back to the grid at night, were some of the ideas suggested. The challenge with finding really innovative ways to share that [solar] power with people who need it – whether for electric cars or other purposes – is a more open and accessible smart grid than we have today.
We need to reduce traffic and energy use too!

- There are many examples of areas and communities in cities that have real economic and social problems created by the transport infrastructures that pass through them. It’s only by changing the way we use transport and then designing different, less invasive infrastructures that we’ll address those challenges.
Increasing urbanisation doesn’t necessarily mean less sustainable transport

- Densely populated cities present economic, environmental and social challenges, but they might actually work in favour of highly-efficient transport systems designed for the masses.

- Cities are powerhouses of the economy. But a well-planned, dense city can actually make sustainable mobility easier as active travel (biking, walking) and public transport work well in that situation.
Elements of the built environment affect walking behavior, and land-use patterns are especially important.

The built environment also affects driving behavior. Results from a variety of studies indicate that older adults tend to modify their driving practices by driving on roads and at times with lower traffic volume as they cope with health conditions, functional limitations, and safety concerns.

The environment affects both walking and driving, but in different ways. The type of neighborhood environment that encourages walking tends to discourage driving.
We work to promote sustainable transport which is safe, clean and competitive, through the development of freight and personal mobility by inland transport modes, by improving traffic safety, environmental performance, energy efficiency, inland transport security and efficient service provision in the transport sector.

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Welcome to Serbia

As a part of the Danube cycling route through Serbia, approximately 460 cross-ways were marked, and about 950 signposts were placed on the road of 668 km in length.
Danube Cycle Path

- The Centre of Belgrade – elevator for cyclers connecting them to cycling paths between Old City and New Belgrade
The European Mobility Week has been organised with the support of the European Commission Directorate General for Mobility and Transport, and it has been celebrated throughout Europe since 2002, from September 16 to September 22, ending with an event called „A Day without Cars“. The campaign aims to encourage cities and municipalities to introduce and promote sustainable transport measures and offer alternative car use to their citizens. The mobility week is dedicated every year to a certain topic in the field of sustainable mobility, and this year’s theme and slogan „Combine and move!“ motivate the use of different transport options.
The Ministry of Environmental Protection has been actively participating in the Pan-European Environment and Health Process since 2009, and we officially undertake to transpose the provisions of the Amsterdam and Paris International Declarations into our legislation. This year, the minister and his associates have actively participated in a bicycle ride in Belgrade to show how much we support this type of mobility that contributes to the protection of the environment and the health of citizens “
The European Mobility Week is an annual campaign on sustainable urban mobility, organized by the city networks EUROCITIES (coordinator), ENERGIE-CITÉS and CLIMATE ALLIANCE with the political and financial support of the Directorate-General for Mobility and Transport of the European Commission. The aim of the campaign, which runs from 16 – 22 September every year, is to encourage European local authorities to introduce and promote sustainable transport measures and to invite the general public to try out alternatives to car use. This year’s slogan of European Mobility Week is “Mix and Move” (Kombinuj i kreći se!).

In 2018, 21 Serbian towns and cities participated in the European Mobility Week. Out of them three cities that carried out the three European Mobility Week criteria (implemented a permanent measure, ran a week-long campaign and hosted Car-Free Day) and were promoted as “Golden Participants”.
Cooperation with the City of Belgrade, the Ministry of Environmental Protection and UNDP started in 2010 through the four-year GEF funded project “Support to Sustainable Transport in the City of Belgrade” (2010-2014). As one of the project’s results the city of Belgrade is officially registered for the European Mobility Week campaign since 2012, in order to increase the public awareness on the sustainable mobility, marking the mobility week and the day without a car in the city center.

This year, the Belgrade Secretariat of transport, with the support of the “Climate Smart Urban Development Challenge” project, will continue with the practice of organizing a week–long campaign to promote permanent measures, new campaign (Safe cyclist), new bicycle paths, “Park and drive” – free parking space for user of public transportation).

Cycling associations Bajsologija and Ulice za bicikle supported by Heinrich Böll Foundation and UNDP Serbia challenged organizations/employees in Belgrade to compete by employee teams leaving their cars at home for a day and opting for cycling or walking to work and join the global initiative to help protect the environment by using ecologically sustainable means of transport.

This year the initiative last three days September 19 – September 21. On 22nd of September, European Car-Free Day organized as a promotional cycling ride to promote newly marked cycling routes in New Belgrade.
The Ministry of Environmental Protection, with the support of UNDP and financial support of the Global Environmental Fund (GEF), through the “Climate Smart Urban Development Challenge” project is targeting the transport sector as one of the main sectors for mitigating climate change in urban areas.

The project promotes wider community engagement in providing climate smart and innovative solutions for GHG emissions reduction from key emitting sectors, such as transport. Moreover, the project offers innovative ideas for improving sustainable mobility in the city of Belgrade by promoting the use of electric vehicles, optimizing bicycle path networks thanks to mobile phone data, introducing solar ships to passengers’ transport, or bypassing traffic jams using a mobile application.
The European Mobility Week

Presented several initiatives promoting Climate Action.

- Start taking your bike at bike rental place. Bikes will be rented in advance and available for participants, against one valid ID card.
- **Sport Week announcement** – main stage near Sport fields at ADA.
- **The Climate Bike Ride** will start at the Arch (entrance of Sports week and Climate Village. The Bike ride will go around ADA.
Transportation and Climate Change

Transportation is one of the largest sources of greenhouse gas (GHG) emissions and personal motor vehicle travel is responsible for the majority of transportation emissions. These vehicles include passenger cars, sport utility vehicles, pickup trucks, minivans, and motorcycles.
Promotion of NTHEAP at the local "Role of Civil Sector in the Process of Environment and Health - Urban Mobility" is a continuation of activities started in October 2017 within the framework of the Promotion of the Environment and Health Process in the Republic of Serbia, initiated by the Ministry of Environmental Protection and the Ministry of Health, organized by WHO.

12 partners have been participated in this year Campaign “City in motion – People First!”
Until now, the Campaign “City in motion – People First!” reached more than 20,000 people.

Competition among pupils of 21 primary schools from the old Belgrade with the worst measurement of air quality.
The Winner - Primary school “Dr Dragan Hercog”

(https://www.youtube.com/channel/UCZT22MOoVcGMFUDI_sGIP0w)
Online Poll “Why are you not biking yet?”

- Sample size: of those who know (305) and who never learnt (37) to ride a bike, from 25 cities, median age – 40
- 22,3% riding bike one a year or less
- Only 6,9% use bike as a regular daily transportation
- Obstacles:
  - 53,1% there is no biking rouds
  - 43,6% if I start to ride, I don’t know what to do with bike if I have to do something
  - 42,7% I do not feeling safe in traffic riding a bike in the city
## What to do to motivate more people to ride a bike?

<table>
<thead>
<tr>
<th>Motivation people for riding</th>
<th>Responses N</th>
<th>Responses Percent</th>
<th>Percent of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organise schools for cycling activities</td>
<td>65</td>
<td>4,3%</td>
<td>21,3%</td>
</tr>
<tr>
<td>More affordable prices for purchasing bikes and gear</td>
<td>112</td>
<td>7,4%</td>
<td>36,7%</td>
</tr>
<tr>
<td>Construct cycling paths</td>
<td>279</td>
<td>18,3%</td>
<td>91,5%</td>
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<tr>
<td>Provide parking spaces everywhere</td>
<td>220</td>
<td>14,5%</td>
<td>72,1%</td>
</tr>
<tr>
<td>Maintain cycling paths</td>
<td>214</td>
<td>14,1%</td>
<td>70,2%</td>
</tr>
<tr>
<td>Free/affordable bike renting</td>
<td>150</td>
<td>9,9%</td>
<td>49,2%</td>
</tr>
<tr>
<td>Transport the bike on the bus/public transport</td>
<td>183</td>
<td>12,0%</td>
<td>60,0%</td>
</tr>
<tr>
<td>Provide showers at work</td>
<td>99</td>
<td>6,5%</td>
<td>32,5%</td>
</tr>
<tr>
<td>Popularise the rides</td>
<td>200</td>
<td>13,1%</td>
<td>65,6%</td>
</tr>
</tbody>
</table>
Clean transport, Urban transport

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- The Sustainable Urban Mobility Plan concept considers the functional urban area and foresees that plans are developed in cooperation across different policy areas and sectors, across different levels of government and administration and in cooperation with citizens and other stakeholders.
Bike Benefits for Active Kids