



Action Plan for Lake Balaton Region and the results of implementation

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Integrated Transport Development Operational Programme Plus 2021-2027 DRAFT

This programme includes the main transport infrastructure investments. It focuses on further developing highways and railways across the country, improving public transport services not only in and around the capital, but also in the main cities, and in improving regional accessibility.

PRIORITY 1 Strengthening clean urban-suburban transport (Promoting sustainable multimodal urban mobility as part of the transition to a low carbon economy)

PRIORITY 2 Development of TEN-T rail and regional intermodal transport (developing a TEN-T network that is resilient, smart, secure, sustainable and intermodal to the effects of climate change)

PRIORITY 3 More sustainable and safer road mobility (developing and enhancing sustainable, resilient, smart and intermodal national, regional and local mobility)

Territorial and Settlement Development Operational Programme Plus 2021-2027

The aim of the operational programme is to improve the development position of the regions and counties, the territorial development of the least developed counties and lagging regions, in addition to strengthening the position of the more favoured regions, in the framework of regional and local developments: for economic recovery, job retention and job creation; to improve the liveability of settlements in order to reduce urban-rural disparities; to strengthen the population retention capacity of regions and settlements in order to protect families and improve the quality of life.

PRIORITY 1 Competitive County (e.g. Sustainable urban development, Development of regional and local transport infrastructure supporting mobility, Active and ecotourism developments, Implement sustainable transport development measures, Smart settlement developments)

PRIORITY 2 Climate Friendly County (energy efficiency and renewable energy use, transition to a low-carbon economy)

PRIORITY 3 Territorial Human Developments

PRIORITY 4-5 Budapest Infrastructure and Human Developments

Transport development in the Lake Balaton Region 2021-2027

- main objective

Transport development goals of the Lake Balaton Recreational Area are defined by the Regional Development Concept and the Regional Development Strategy and Operational Programme for 2021-2027.

The goal of transport development is **to operate an environmentally friendly and resource efficient transport system in the Lake Balaton Region**, which can respond flexibly to the changing needs - “Accessible Lake Balaton”. Actions to take to achieve the goal:

- Further measures and extension of the Balaton program to the entire resort area for accessibility (development of railway network, road network, bicycle road network, water transport - basic goal is to develop regional electromobility, toward zero emission region)
- Combined modes of transport, tariff community, transport association
- Local traffic calming measures, micromobility solutions (traffic calming solutions (e.g. smart pedestrian crossings); creation of pedestrian / bicycle / car-free zones, green zones; regulation of parking zones; improving local public transport services)
- Improving the accessibility of background settlements

CONSTRAINTS

Integrated Transport Development Operational Programme Plus – National Sectoral Programme (NO TERRITORIAL SPECIFICITIES)

Territorial and Settlement Development Operational Programme Plus – NUTS III statistical and planning unit at county level (LAKE BALATON REGION BELONGS TO 3 COUNTIES)

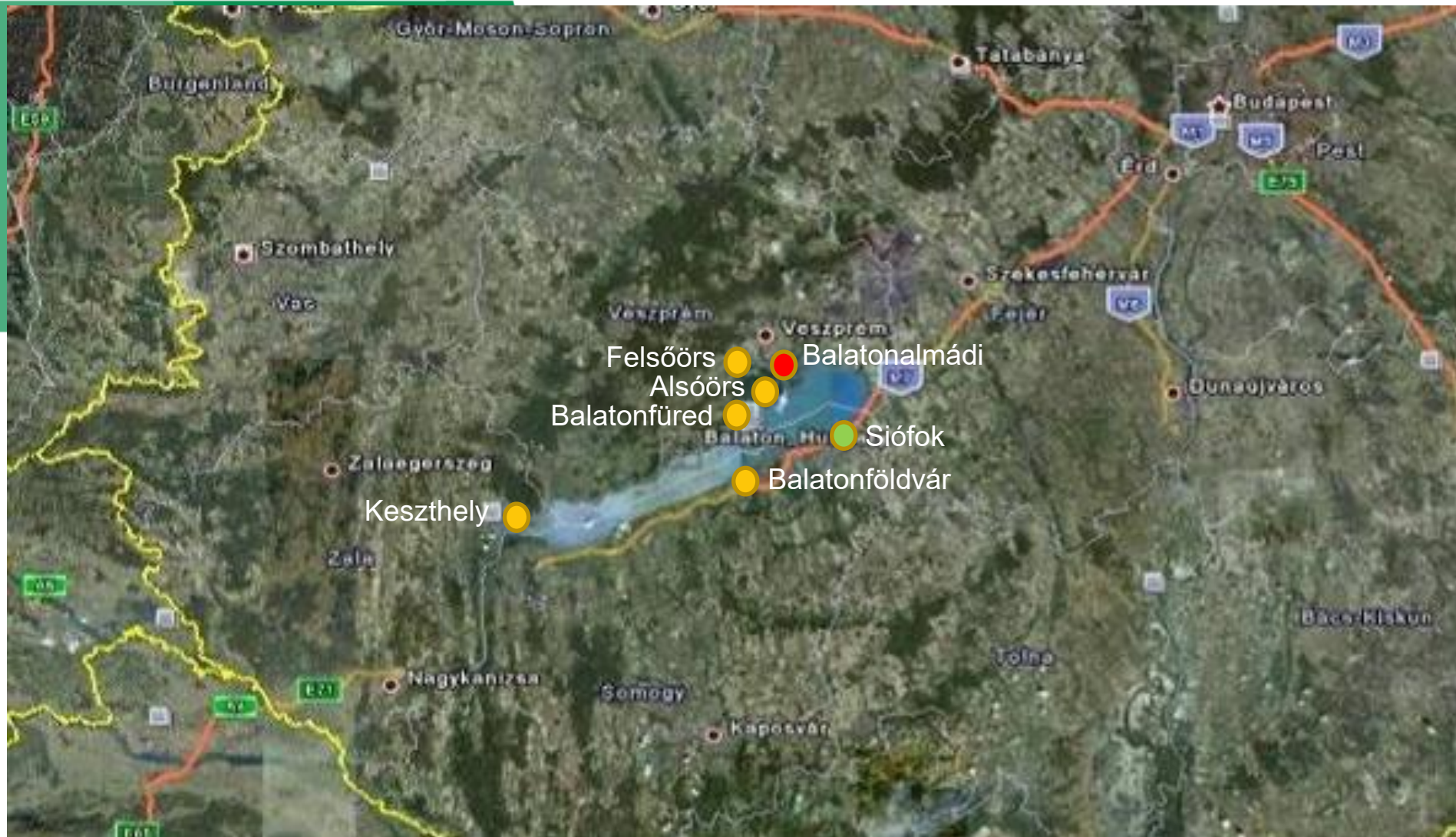
Lake Balaton Regional Development Concept, Strategy and Operational Programme – INTEGRATED, COMPREHENSIVE PLANS AT FUNCTIONAL REGION LEVEL

A need for Sustainable Urban Mobility Plan at regional level (resort area)



Implementation of Planned Actions

Implementation of planned Actions on the map



● Action1(Balatonalmádi); ● Action2(Siófok); ● Action 3.1, 3.2 (Alsóörs,Felsőörs,Balatonfüred, B.földvár,Keszthely)

Action 1: Mobility points at railway stations – Development of the intermodality measures I.

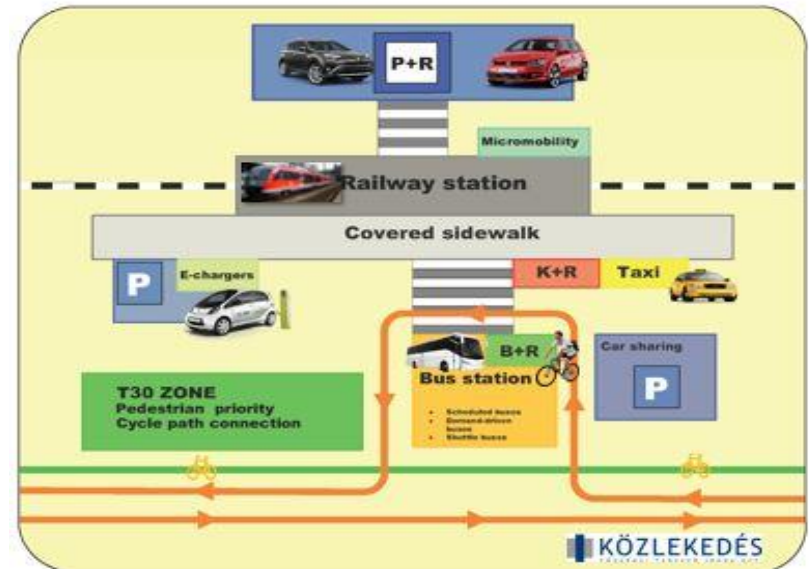
The main action is to create a project that aims to develop a new mobility point model with a direct connection to railway stations and bus stations, as the smaller level of the future mobility hub system. These new intermodal mobility points near the smaller railway stations and bus stations will fit together with the concept of future mobility hub system.

Mobility point design system:

Place of the implementation:

Local Government of Balatonalmádi

The Balatonalmádi railway station is located near the Káptalanfüred beach, thereby providing easy access to the beach. There is also a crossing place next to the station, which also provides good connections.



Action 1: Mobility points at railway stations – Development of the intermodality measures II.

The aim of the development in Balatonalmádi is to create a new railway station in the Káptalanfüred district with more modern solutions.

In addition, 10 parking places will be established, of which 1 will be barrier-free. In addition, a parking lot with 20 + 1 spaces will be established next to the access road, while keeping the large chestnut trees. For bicycles, there will be space for 10 bikes, which would be placed in the covered/open area of the building.

The plans were completed in 2021. The call for tenders for the modernisation of railway stations in north side Balaton (including Káptalanfüred station), published in the EU's public procurement gazette in April 2022.



Visual design of the new railway station in Balatonalmádi-Káptalanfüred with bicycle storage

Source: Amendment No. 4 to Balatonalmádi Settlement Planning Instrument, Negotiated Procedure Partnership Consultation Documentation, 2021

In the preparatory stage of

Action 2: Reduction of traffic congestion in Balaton shore of Siófok – Low carbon transport system and changing travel habits of visitors to Siófok I.

Goal: To make sustainability in shore of Lake Balaton by changing traffic proportions. Make more opportunities for walking, relaxation, experiences by choosing to use new non-motorized devices instead of using cars. Green zones instead of crowded parking zone.

The main idea of the proposal is to designate a 30 km/h traffic reduced zone in the shore of Lake Balaton in Siófok, with a multi-pace implementation that keeps car traffic at weekends away from the internal zone. The estuary and sluice of the river Sió in the centre of the city will be rebuilt, a viewpoint and a pedestrian area will be created. It will not only be a part of the city, but also creates a connection.

Action 2: Reduction of traffic congestion in Balaton shore of Siófok – Low carbon transport system and changing travel habits of visitors to Siófok II.

According to the head of the Central Transdanubian Water Management Directorate, the reconstruction and renovation of the Siófok sluices will be delayed by at least one year. Therefore, it is expected to be completed by 31 March 2023.



Reconstruction of Sió sluice in December 2021 – ongoing action

Photos: Zita Könczölné Egerszegi, LBDCA

Action 3.1: Improving bicycle transport, Establishment of Resting places I.

The main action is to create a project that aims to develop a new resting place model with a wide range of services. These new generation bicycle resting places will fit together with the concept improving the bicycle transport services. These resting places will provide the services for the increased needs of modern cycling tourism.

Basic services:

- drinking water
- toilet
- dining tables with benches and garbage can
- shaded area at minimum 60%
- electricity, lighting, charging options for both electrical devices and bicycles
- relaxation equipment, gym equipment

Staff Exchange: Erlebnis Bremerhaven GmbH, 2020 Autumn

Action 3.1: Improving bicycle transport, Establishment of Resting places II.

According to the action, service centres with excellent equipment are getting built in Balatonföldvár, Keszthely and Balatonfüred, with an innovative mobile application and up-to-date website to meet cycling needs, and 6 new workplaces are established.

Thirteen professional organizations have signed a cooperation agreement to ensure the development of cycling tourism services in the Lake Balaton priority tourist area.

A mobile application has been developed to help anyone - even without a tour guide - to easily find where to go, where to stay and where to meet bike-friendly hosts.



Service center with excellent equipment are getting built in Balatonfüred - ongoing action

Photos: Zita Könczölné Egerszegi,
LBDCA March, 2022

Action 3.2: Building of a bicycle path between Alsóörs and Felsőörs. Connecting the Balaton Cycling Circle to Veszprém I.

In 2023, the city of Veszprém, together with Balaton Region, will become the European Capital of Culture (ECOC). Obtaining the ECOC title also gives tasks on transport within the Balaton Region, mainly in Veszprém - Balatonfüred - Tihany - Balatonalmádi area. Alsóörs is located in the centre of this region.

A 9 km long cycle path section between Felsőörs and Alsóörs was completed in the summer of 2021. The official handover of the bike path was carry out March 2022, and soon it will be possible to cycle from Veszprém to Lake Balaton on a safe bike path.

Action 3.2: Building of a bicycle path between Alsóörs and Felsőörs. Connecting the Balaton Cycling Circle to Veszprém II.



Official handover March, 2022, Photo: Lajos Nagy / Napló Newspaper
- completed action

Photo: Zita Könczölné Egerszegi,
LBDCA July, 2021

CONCLUSION, EXPERIENCES

- take away from DESTI-SMART project

The actions independently and together enhance the sustainability of the settlements at Lake Balaton. Each of the actions can be transferred to other areas of the Balaton resort area. Each of the actions directly improve accessibility and facilitates the fulfilment of low carbon goals.

Besides a pilot project has been developed in the frame of the DESTI-SMART project and we have incorporated it into the regional action plan of 2021-2027 programming period. Hopefully funding will be available...

The pilot action is dedicated to testing of zero-emission, low carbon flexible shuttle transport services for holidaymakers between accommodations and the shores of Lake Balaton for reducing air pollution and private car use. This service is a kind of demand-driven public transport with elements of shuttle bus, taxi services and carpooling. The service will use small electric vehicles like golf carts and minibuses depending on the size of the settlement. The typical usage is a door-to-door travel between the accommodation and the beach or the accommodation and the nearest railway station, where the typical distance is maximum 3-6 kms.

Thank you for your attention!

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