

STUDY TOUR TO BRATISLAVA

PLACES TO VISIT

DAY 1 – 22nd JUNE, WEDNESDAY

10:30-12:00 Study tour 1

a) 10:30 -11:00

Main Square (Hlavné námestie)



Photo: Zuzana Hudekova

Main Square (Hlavné námestie) is one of the most well-known squares in Bratislava. It is located in the Old Town and it is often considered to be the centre of the city.

After the last reconstruction in 2005, Main Square remained completely without permanent greenery. During the summer months, only mobile container pots with small milk maple trees were placed here.

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In order to achieve the effect of early shading, tall trees with a height of 6 m with a trunk circumference of 35 cm were planted.

Square of Hviezdoslav (Hviezdoslavovo námestie)



Photo: <https://sk.wikipedia.org/>

Square of Hviezdoslav (Hviezdoslavovo námestie) was planted by trees in the second half of the 19th century (thanks to the so-called "Bratislava ornamental association"). The proximity of the Municipal theatre was favourable to create a pleasant walking area, where each 20 steps should be placed a bank for resting.

Square of Hviezdoslav is a typical example of the squares that appeared after the removal of the city fortification walls in the 18th century, because at that time, it was not possible to build any buildings in the vicinity around the city fortifications in mediaeval towns.

b) 11:00 -12:00

Presentation on the green infrastructure projects on city level at the Bratislava Magistrate's Office

14:00-18:00 Study tour 2

a) 14:00 - 15:00 Jama Sports Park (Športpark Jama)



Photo: Michal Hanko, Novy Cas, 2017

Jama Sports Park (Športpark Jama) is located in the Bratislava - Nové Mesto city district. It was opened in 2017 and grew on an area of 17,000 m², on the site of a former cycling stadium. This leisure public space serves all ages for active relaxation, walks and sitting.

The park is a unique ecological project, especially in terms of rainwater management. It is collected from paved and green areas into artificial lakes by a sophisticated system and is a source of park irrigation. The special water-permeable concrete ensures that no puddles form in the park, so it is possible to walk in it even in bad weather.

In the lower zone, there are two interconnected lakes, into which rainwater is collected thanks to water retention

	<p>measures. The water circulating in them pleasantly cools the surrounding area in the summer. There is also a lot of greenery (trees, lawns and areas planted with various flowers and plants), a natural amphitheatre, benches and two areas reserved for exercise, including exercise machines and a ping pong table.</p> <p>In the upper zone, visitors will find lookout piers, sports areas such as a multifunctional playground for mini-football and streetball, tennis courts, fitness machines, parkour sets, ping pong tables, a running track, a skating rink and a cycling circuit.</p>
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b) 15:30 -18:00 Iron Little Well (Železná studnička)



Photo: <https://www.visitbratislava.com/sk/miesta/zelezna-studienka/>

Iron Little Well (Železná studnička) is one of the most famous and most popular recreational locations in Bratislava. It is part of the Bratislava Forest Park. It is located on the southern edge of the protected landscape area of the Little Carpathians, the Vydrica stream flows through it. Its waters used to drive the wheels of water mills, which are mentioned as early as 1455. The lack of water during the summer heat was solved by the millers in 1846 by building a system of four lakes, which served as a water reservoir for nine mills. The ninth mill has been preserved to this day – Suchý mlyn (Dry Mill). Klepáč, originally the eighth mill, is today a pleasant place to stop for a snack. The lakes are currently used by visitors for fishing and boating.

Železná studnička was named after a source of ferrous mineral water, which was discovered at the beginning of the 19th century probably by millers. In 1830, the guests of Ferdinand’s Spa began to use the healing water. The springs of mineral water were completely lost over time, perhaps due to the construction of the already mentioned lakes, the spa building fell into disrepair, until it was finally demolished. The attractiveness of Iron Little Well is increased by Partizánska lúka (Partisan Meadow), which is located in its immediate vicinity and was a popular excursion destination for Bratislava residents more than 2 centuries ago. In the sixties and seventies of the last century, the meadow began to open more to the public. Game features, a small children's pool, the first snack bar and a public toilet were added. In 2006, it was completely renovated. Today, Partizánska lúka has a completely new face with children's playgrounds, sports grounds, natural and historical beauties and attracts more and more visitors who like to come again and again.

DAY 2 – 23rd JUNE, THURSDAY

09:00-12:15 Study tour 3

a) 09:30 -10:15 Waterworks Garden (Vodárenská záhrada)



Photo: www.sdetmi.com

Waterworks Garden (Vodárenská záhrada) is one of the most attractive gardens in Bratislava. It is part of the Waterworks Museum and was opened to the public in 2012. It is located in the Bratislava-Karlova Ves city district, near the Karloveské Rameno arm of the river Danube, in the vicinity of which the original floodplain forests with rare species of plants and animals have been preserved, and the cycling route to Devin Castle.

The dominant feature of the garden is the cascade fountain called Drop of Water and a water reservoir with a view. It has

its own leisure and active zone and it also includes the exterior exposition of the Waterworks Museum.

The relaxation area is situated around an English lawn and a historic fountain called Little Boy with Egret. There is also an indoor design gazebo nearby. The sports part of the garden can be used to play volleyball, football and ping pong. Bicycle stands are available for visitors. There are drinking fountains throughout the garden. There is also a community garden in the 3-hectare area of the Water Museum.

b) 10:15 – 11:00 New Karlova Ves Shipyard (Nová Karloveská lodenica)



Photo: www.karlovaves.sk

LONGITAL - SOUNDWALK

A unique music soundtrack available as a mobile app.

Soundwalk was composed by the Slovak band Longital for their favourite hour-long walk along the Danube in Bratislava - from the residential area Dlhe Diely to the SNP Bridge (Most SNP). Optional are guiding foreword and personal narration between the tracks spoken by the authors themselves. We believe that music is a universal language, so you can try this soundtrack on your favorite walk anywhere in the world.

The app contains 10 songs in a total length of 60 minutes. Each track defines one section of the route along the Danube between Dlhe Diely and the centre of Bratislava. At the same time, it provides a personal insight and stories of the band to each place of the walk. This feature can optionally be turned on in the application in the form of a personal narration. In addition to the sound, you can also use a map - turning the phone to a horizontal position will display a schematic map of the route. The soundwalk starts on Jamnickeho Street in Dlhe Diely in Bratislava and leads down Matejkova Street to the arm of the Danube, continues downstream through Waterworks Garden, Karloveska Bay and along the waterfront will take you to the SNP Bridge to the city centre.

New Karlova Ves Shipyard (Nová Karloveská lodenica) was built by the Bratislava-Karlova Ves municipality in 2019 and it is located by the Karlova Ves arm of the Danube River.

Its architecture draws from the tradition of water sports and classic wooden shipyard buildings in Karlova Ves, with a strong focus on natural materials. The lower part, which is partially underground, serves as a hangar for kayaks and other boats and is made of reinforced concrete as a preventative measure in case of potential flooding; the 2-storey upper part is made of untreated wood and steel, with walls lined with vertical wooden boards both in the exterior and interior.

The shipyard is home to a local water sports club (with a clubroom, small gym area, lockers, sanitary facilities etc.) but it is also open to the public with various courses and events. To attract more people from outside of the water sports community, the new shipyard also hosts a café, contracted with the municipality to help promote water sports and cooperate on different activities. Apart from delicious coffee, luxurious pastries and a sunny terrace, the café also has a play area for children, making it very popular among families.

In 2020, the new shipyard was nominated for the CEZAAR Architecture prize awarded annually by the Slovak chamber of architects in the category of Civic and industrial buildings.

c) 11:00 - 11:30 New multifunctional park in Karlova Ves



Photo: www.bratislavskenoviny.sk

The new multifunctional sports park in Karlova Ves, where children, young people, adults and seniors can spend their free time side by side, was opened at the beginning of May 2022.

The biggest attraction of the park is the sports zone with a skate park and a playground. In the children's zone there is a slide, a game tunnel, mini-football and seat rollers. The third multifunctional zone consists of a running track, fitness climbing and ping pong. The individual zones in the park are separated by greenery with benches, which helps to create a pleasant place for all generations. There is also a drinking fountain in the park and a grandstand to observe what is

	<p>happening in the park. The big benefit is the new lighting and camera system, which increase the security of the whole area. Greenery plays an important role in the whole park, which will have a positive effect on the local microclimate, especially during the summer months. In addition to the sakura alley, dedicated by the Japanese Embassy, there is also a rain garden in the park, which can absorb large amounts of rainwater. While the water flowed directly into the sewers in the past, the rain garden will help capture the water in the area so that it gradually evaporates into the air. In this way, the air will improve, as well as the conditions for the growth of greenery or the life of avian insects. There are also water-permeable surfaces throughout the park.</p> <p>The land with an area of 4,570 m², on which the park was created, was not used in the past. It began to emerge in May 2021, during the COVID pandemic, when it became clear that Karlova Ves lacks quality public spaces. In particular, young people had nowhere to spend their free time to the fullest.</p>
<p>d) 11:45 - 12:15 Kaskady Park (park Kaskády)</p>  <p>Photo: Bratislava-Karlova Ves archive</p>	<p>The public space between Kresankova and Hana Melickova streets in the Dlhe diely residential area, informally called Kaskady Park (park Kaskády), was revitalized in 2021. In the inner block of the residential complex, a pilot model solution was implemented to capture, slow down runoff and use rainwater, which in the past ended up in a unified sewerage system together with wastewater.</p> <p>Today, water from part of the roofs and terraces of the upper residential complex is drained into two underground reservoirs and is used for drip irrigation of trees, bushes and planted plants. Two wetland beds, into which rainwater from the sidewalks and the surrounding slope lawns is brought by gravity, and seven grassy retention areas, which turn into flowering meadows after the sown plants start blooming, were added. Another 21 trees were planted. They are protected by 84 prickly bushes because tree trunks are often damaged by the mowing mechanisms and by pet dogs that like marking them by urine.</p> <p>Gradually evaporated moisture from wetland beds and retention areas will pleasantly humidify and cool the surrounding microclimate especially during hot summer days. Revitalisation of Kaskady Park was carried out in accordance with the Climate Action Plan, which the Municipality Bratislava-Karlova Ves adopted in order to mitigate the negative climate change impacts.</p>
<p>13:30 - 15:00 Study tour 4</p>	
<p>a) 13:30 - 15:00 Majernikova Sports and Recreational Area / Alexander Dubcek Primary School</p>  <p>Photo: Bratislava-Karlova Ves archive</p>	<p>Majernikova Sports and Recreational Area (Športovo-rekreačný areál Majerníkova) is located in Bratislava-Karlova Ves, in the residential area Dlhé diely.</p> <p>The opportunity to play here football, basketball, volleyball or jogging on a running track lit by solar lamps is used by the inhabitants of the surrounding residential houses and during physical education or leisure time by pupils of the Alexander Dubcek Elementary School which is neighbouring the area. If they just don't want to play sports, they can relax by walking and observing everything that has changed here in the last few years to foster biodiversity. On the information boards,</p>

they can read why trees, shrubs, birdhouses and shelters for reptiles and hedgehogs have been added to the area. They can learn the importance of insect hotels, unmown parts of lawns, little green ventilation roofs on civil protection shelters and how this is related to the rapidly changing climate. They can sit under an ecological gazebo, while admiring the view of flowering perennials, herbs or birds that have come to refresh themselves at the barrel, which is used to collect rainwater.



Vizualization by Hlina, s.r.o.

Alexander Dubcek Primary School (Základná škola Alexandra Dubčeka) is the largest primary school in the Bratislava-Karlova Ves municipality. Reconstruction of the school building began in December 2021 and aims to implement measures to adapt to the changing climate, mitigate climate change and promote biodiversity.

The renovation will exceed the standard level of required thermo-technical parameters of renovated public buildings in order to radically reduce the building's energy performance and carbon footprint, improve its indoor environment, outdoor microclimate, use rainwater and increase plant and animal diversity.

The school will use solar energy through the built photovoltaic facility as a small source of electricity and solar panels, which will reduce energy consumption for water heating including in the swimming pool. In addition to thermal insulation, the building will also be prevented from overheating by effective blinds and creepers on the facade.

Local biodiversity will be supported by nest boxes for dark earthworms, bats and white worms.

Climbing greenery will also be located in the inner atriums, from where cleaner and cooler air will be sucked into classrooms, offices, classrooms and the gym. These will be ventilated by means of recuperation units, which will enable the recovery of heat from the exhaust air and will prevent the penetration of dust and pollen into the interior and excessive humidity, thus also the multiplication of various fungal and fungal organism

2D and 3D interactive models showing impacts of climate change and explaining the climate change adaptation and mitigation measures will be placed in the atrium. Together with the new presentation room, they will be part of the newly established Community Climate and Biodiversity Educational Centre which will serve for schools for environmental education with a focus on climate change, the public as a counselling and educational centre in the renovation of residential buildings and the local government for professional events in the field of climate change.