



Conversion of Jurkovič Heating Plant National Cultural Monument (NCM)

Jurkovič Heating Plant is one of the last evidence of the former Apollo Refinery. Original industrial area has become a part of the new Bratislava center and renovated Jurkovič Heating Plant its cultural epicenter and attractive accent in the middle of modern architecture neighboring buildings Sky Park by Zaha Hadid.

After a long period of searching for the most suitable function of using the NCM, with the completion of the comprehensive reconstruction, its rescue, and the new sustainable concept become a reality. In 2017, developer Penta Real Estate has invited seven renowned studios to an architectural competition for the NCM's conceptual design. Architect Martin Paško with his team of DF Creative Group won the prestigious competition and became the authors of the conversion of this iconic building. The original author is the legend of Slovak architecture Dušan Jurkovič. New design offered the most appropriate layout of functions and spaces and highlighted the original historical value and unique industrial atmosphere of this national cultural monument.

The architectural solution uses the void interior space in the boiler room and the turbine hall for the construction of the new independent structures and creates new areas and floors consistently offset from the original building. This concept makes it possible to separate and distinguish historical constructions from new ones, original ones from the present ones, all with humility to history, in contrast, and harmony at the same time. The reconstructed Jurkovič Heating Plant will thus provide a unique BASE4Work industrial co-working space for people and companies from the creative industries, architects, start-ups, and smaller IT companies. At the same time it is accessible to the general public at the level of the entire ground floor, including the living square entering.

The successful implementation confirmed the authors' intention to create a community space with a unique industrial atmosphere for the public for various social events, conferences, exhibitions, which would also offer a quality restaurant and cafe. Upon entering the building, the extremely attractive space of the entrance atrium passing through all floors opens up to the new glass facade, the inner "square" with the WERK restaurant and lobby café, the DOT contemporary art gallery, and a separate multifunctional hall for various cultural events.

The solution highlights many historical construction details, the original rugged columns and especially the dominant three hoppers, for which the reconstruction created an original representative space with materials in their original "roughness" and color. New added constructions, new inserted materials with their distinguishable structure (added brick walls from the original facade and walls more than 31 thousand bricks, heraklith wall cladding, original concrete structure ..) and various current already modern technical details are legible and present the basic principle of "truthfulness". "In the mirroring of the new modern simple glass facade with the principle of an inserted 'building in the building", the two architectures are layered and intertwined. At least one of the three typical industrial features of the area can be seen from each place of the Heating Plant, namely typical industrial high divided windows, walls made of original bricks, or reinforced concrete structures of three hoppers."explains Martin Paško, the lead architect of the conversion.



The industrial architecture of the original structures and dominant hoppers, the newly created atrium and the upper terrace with views of the surrounding new buildings provide to the visitors an amazing unrepeatable experience and are currently a great new added value in the Jurkovič Heating Plant. They will become its symbols, the symbols of Sky Park and the capital of Bratislava itself.

Photos for download: <https://drive.google.com/drive/folders/1-0yJpKWaMLoZLzZfqJF-W8GFOd4pJUpq?usp=sharing>

Author: Boys Play Nice

Video for download: <https://www.youtube.com/watch?v=5XnumHwEHDw>

Author: Penta Real Estate

Project	Jurkovič Heating Plant NCM Bratislava
Conversion Lead Architect:	Interior Conversion
Co-authors of the architectural part:	Martin Paško and DF Creative Group team
	Zuzana Zacharová, Eva Belláková, Matúš Podskalický, Martina Michalková, Alexandra Havranová
Renovation of facades and roof cladding:	Pavol Pauliny, Vlasta Viglašová, Ján Kresan / Pamarch
Interiors of shell & core and auditorium :	DF Creative Group
Base4Work rental fit-out:	Ján Antal, Barbora Babocká / Perspektiv
Restaurant Werk fit-out :	Beef architects
Cafe Dot Gallery fit-out :	Point architects
Cooperation:	Roman Bányai (conversion chief engineer); Marta Pichová, Ivan Holub (renovation of facade and roof cladding); Pavol Pribylinec, Juraj Prokipčák, Mária Kubaliaková (building part)
Conversion Chief Structural Engineer:	Peter Gavaľa
Investor:	Penta Real Estate
Photo:	Boys Play Nice
Design:	2016 (facade restoration)
	2017-2019 (interior conversion)
Realization:	2018-2020 facade restoration)
	2018-2021 (interior conversion)
Land area:	1800m ²
Useful area:	6 300m ²
Constructions costs:	EUR 13 million