



Engineering Power

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CAETS



EDITOR-IN-CHIEF'S WORD

Engineering Power is a bulletin regularly published four times a year in which the Croatian Academy of Engineering (www.hatz.hr) promotes the visibility of the state of the art of technical sciences in Croatia, especially of its distinguished scientist members. In this fourth issue of this year I am particularly pleased that our respected regular member, architect Tihomir Jukić, has joined our efforts and with his artistic and engineering approach he gave a view into the development urban planning of a new part of our capital with specific contents in which he significantly participated with his associates. I expect that this content will be interesting and instructive for every reader.

Editor-in-Chief

Vladimir Androćec, President of the Croatian Academy of Engineering



EDITOR'S WORD

Dear readers,

Development and urban transformation of a city, especially when it has such a great significance for the region as the city of Zagreb (or it is a capital of a state that itself goes through significant historical and social changes), is influenced by many demographical, economic, political and socio-cultural factors.

It is therefore a challenge to shed light on this process, and I am especially glad to present this edition of Academy's Bulletin Engineering Power that focuses on the genesis of Novi Zagreb (New Zagreb) in turbulent times of the city's recent history. The Guest-Editor of the issue is Tihomir Jukić, Member of the Academy

in the Department of Architecture and Urban Planning and Professor at the Faculty of Architecture, University of Zagreb.

Editor

Zdravko Terze, Vice-President of the Croatian Academy of Engineering



FOREWORD

The theme of urban transformation has been dominant in the process of urban planning during the past decades. Demographic and economic indicators no longer support the concept of city expansion or usurpation of new surfaces. Furthermore, urban planning trends stem from sustainable development and circular economy. In practice, this implies the completion of a city and reuse of space partially or wholly abandoned. The economic transition has led to abandoning former large halls right in the city centre of Zagreb (Janko Gredelj wagon factory or former slaughterhouse Zagrepčanka). These are so-called brownfields or areas anticipating its structural and functional transformation. The space of the Zagreb Fair can be included in this

category as one of the most interesting areas in Zagreb still in its primary use, even though to a lesser extent. The remaining unconstructed and technologically obsolete part is used for different purposes. Certain parts were used as warehouses. However, they have started to be used recently for sporting and recreational activities. It is crucial to implement the economic and structural transformation of the entire complex. A transformation that would consider its location and become a new and buzzing city centre, as well as the centre of Novi Zagreb. Due to its importance in the General Urban Plan (GUP) of Zagreb, it has been categorised as a "city project" – actually a space of immense interest for urban development. In compliance with the GUP of Zagreb, the theme of this city project has been set out in Article 101, item 3 as "... public amenities, a place for promoting, primarily, the Zagreb School of urbanism and architecture, Croatian culture and its belonging to the Central European cultural circle,..."

A selection of new and already published texts has already been made and they should shed some light onto the genesis of Novi Zagreb and its relation with the Zagreb Fair as well as its continuous modifications through time. Finally, an excerpt from the Programme of the strategic-city project of the Zagreb Fair 2017/2018 has been presented by the Institute for Urbanism, Physical Planning and Landscape Architecture with the University of Zagreb and the City Office for Strategic Planning in cooperation with professionals and consultants from various city offices and institutes as well as utility services. The new amendments to the GUP of the City of Zagreb (2019) removed the Zagreb Fair from the list of "city projects".

Guest-Editor

Tihomir Jukić, University of Zagreb, Faculty of Architecture