

## Solutions regarding the Impact of Large Structures upon Public Space – Multifunctional Hall – Cluj-Napoca, Romania – case study

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### Summary

The Municipality launched a contest for designing 3 large buildings on a site 5 minutes distance from the City Center, in a protected area of historical monuments, tangential to the main river in the city, in a struggled site between two of the largest Parks in the City; these 3 buildings are an 30.000 seats International Stadium, a 7000 seats Multifunctional Sports Hall and one 100m high multifunctional building. The scale of this buildings was considered at first sight by some some architects and urbanists not suitable for the size and the pedestrian character of the space surrounded; these conditions created the premises for designing the buildings in a delicate site with a conservative attitude. The main instrument used was to offer to the urban public space everything we will take with the new construction: continuous space and visual perspectives.

**Keywords:** public space, multifunctional sports hall, stadium, integration, continuous space

### 1. Introduction

In 2008 the municipality of Cluj-Napoca organized a contest for designing a new 30.000 seats Stadium on the same place of the old 10000 seats city Stadium build in the 70s - considered to have an unsafe structure. The winning project added for compositional and functional reasons a new building to the site, proposing a high office building sticked to the stadium. The local authorities considered opportune the new proposal so it was accepted and the project theme was extended.

In full designing process at the end of 2008, the city hall came with a new necessity a Multifunctional Sports Hall. They organized a new contest for projecting a 7000 seats multifunctional sports hall. The only available site the municipality had was a site as big a football court just near the Stadium. The given project theme was not considering any urban approach, neither a functional space needed; it was only asking for an inserting solution for the building on the given site.



Fig. 1: City plan – site and relation to the city center

In the end, we were 3 groups of architects and engineers leaded by the Technical University of Cluj Napoca, for designing a 30.000 seats International Stadium, a 100m high office building and a 7000 seats Multifunctional Sports Hall, all on a site no bigger than 4 hectares. The site is surrounded at north by a major boulevard on the side of River Somes that links 3 neighborhoods at the city center, at east by the City Central Park, at south by an hotel and facilities, and