



## **A Conceptual Approach for a Multifunctional Center in Prishtina**

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**Submitted:** 13. December 2021  
**Published:** 27. December 2021  
**Volume:** 8  
**Issue:** 5  
**Affiliation:** University for Business and Technology (UBT) Prishtina, Albania  
**Languages:** English  
**Keywords:** Architectural design, Multifunctional Centers, Trade, Culture, Spaces  
**Categories:** News and Views, Visual Arts, Architecture and Design  
**DOI:** 10.17160/josha.8.5.796

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# A Conceptual Approach for a Multifunctional Center in Prishtina

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The system of human development has undergone major transformations in relation to the development of life style of the urbanites, with the improvement of human standard of living. The main purpose of this paper is to promote greater architectural design knowledge in the field of multifunctional contemporary structures and spaces, hence further encouragement for academic research. Through a review of the literature, the paper explores various aspects related to planning, design, philosophy, convenience, strategy, sustainability and efficiency of those nowadays spaces and structures. The following research methods are used for the purposes of this paper: the basic used methods are inductive and deductive evaluation, in the dialectical method of separating the unity of the general and the particular. During the research, are applied comparative and descriptive methods, comparative analysis, literature description. Also, the empirical method was used through the study of previous urban plans, analysis of various case studies. The design principles of multifunctional centers, are intended to be a model of compliance with urban legal regulations by municipalities, fulfilling the need for trade, of the larger influx of inhabitants, strengthened with other functions that enrich the environment and customers with active relaxation and rest.

**Keywords:** Architectural design, Multifunctional Centers, Trade, Culture, Spaces.

## **INTRODUCTION**

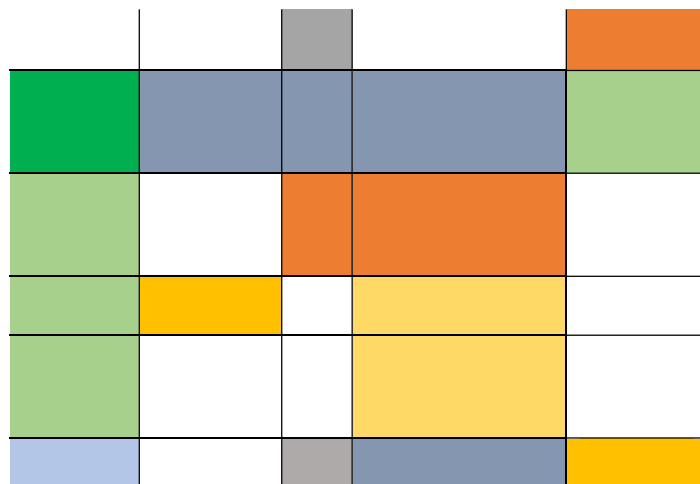
The system of human development has undergone major transformations in relation to the development of science, technology, trade, commercial process, spread the material base of society and increasing the standard of living of mankind. The main purpose of scientific research is to promote greater design knowledge in the field of multifunctional spaces within urban planning and structures, and thus encouragement in further academic research to consult specialists who have the necessary expertise in architectural design. Significantly of this research clarifies qualities regarding high technical, organizational, and commercial requirements, the standards and norms are mainly related to commercial buildings or structures, with mixed architectural modality. From historiography we learn that the sales arcades or plates were initially presented as such at the Burlington Arcade in London, the Galleria Vittorio Emanuele II in Milan, and the numerous arcades in Paris which have been known to have been successful. However, many small arcades have been demolished and replaced with large shopping malls accessible by vehicles. From the end of the 20th century, shopping centers began to be attached to entertainment buildings such as cinemas, restaurants, public garages, distribution centers. As a single structure built, shopping malls that were often very important architectural constructions, enabling wealthy clients to trade and buy goods in areas protected from weather influences (Bajčinovci, 2016-2017). A multifunctional mall or so-called Mall is a contemporary designation, that represents a building which forms a complex of spaces personifying a linkage for shopping systems. The architecture of economic and commercial buildings often reflects the fascinating atmosphere, corresponding with modern technological levels, this activity has rapid and vast growth, especially in Kosovo in recent times. The national development of a country is directly reflected in the development of financial circulation, therefore commercial megastructures are one of the financial generating activities.

## **MATERIAL AND METHODS**

Defining relation of forms and space in architecture can be examined and found to exist at several levels. At each level, we should be concerned not only with the form of a building but also its impact on the space around it. At an urban scale, we must carefully consider whether the role of a building is to continue subsisting, or to form a harmonizing connection with the surrounding buildings, and defining a positive urban space [1].

Planning and programming for the realization of an multifunctional center implies poly-disciplinary analysis, respectively a holistic approach is required in the realization of this design task. The development plan conditions and defines the general concepts, for the identity of the building or structure. The purpose is to anticipate future needs and capacity expansion in order to provide the necessary reserves and save land area (Bajčinovci, 2017) [2]. Humans since the beginning respected and valued the environment in which they dwelled, with emphasis in finding harmony and symbiosis between their needs and the nature. Therefore, selecting a location for economic commercial structures, must be well researched and studied the following features:

- Analysis of spatial and spatial planning hierarchy
- Analysis of simple conceptual and urban models
- Analysis of integrated models, design as a holistic system
- Analysis of marketing research models [3].



**Fig 1.** Plot planning in commercial economic areas, (Bajčinovci, 2019)

Research reflects a way of thinking that review various aspects on professional work, understanding and formulating guiding principles that conduct a particular approach and developing and testing new theories that contribute to the advancement of practice and profession. Hence research methodology and practice evaluation is a bind coalition [4].

The following research methods applied: The basic method is inductive and deductive evaluation, the dialectical method of separating the general and the particular unity. During the research, comparative and descriptive methods, comparative analysis, description of literature, international bibliographic basis were used. Empirical methods have been used through the study of previous urban plans, through the analysis of case study methods and through research activity in data collection.

Quantitative and qualitative data collection, field research and situation research, research of a specific functional ambient and specific attributes, include a thorough urban analysis of existing buildings, including practices, construction standards and current primary infrastructure are a urban target in the future. Field research of public buildings and commercial buildings in the municipality of Prishtina, has provided *in situ* information on the

problem. Prishtina is a city that after the year 2000, has undergone a crucial transformation in the social, economic and spatial spaces.

*“Architecture should speak of its time and place, but yearn for timelessness...”*

*Frank Gehry*

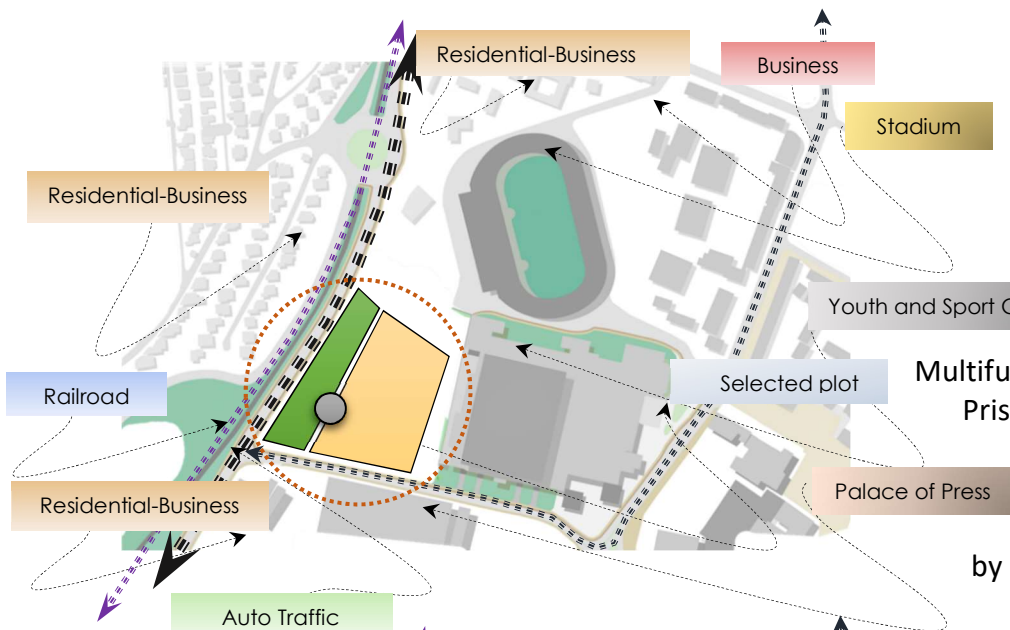
A multifunctional building is a structure that contains several different destination spaces, in general multifunctional buildings embrace a large aggregate of functions, combining spaces that evolves in to a complex system [5]. Nowadays, in Kosovo we are witnessing a huge request for those types of multifunctional buildings, and the reason why? The reason is simple, we have come to the stage of the development where the market and economics requirements are on the rise for those types of buildings. Of course, we can elaborate much longer for essential, social, architectural and urban reasons for this phenomenon, on the other hand, it is suffice to conclude that there are huge financial offers to make investment (Bajçinovci, 2017) [6].

The structure of multifunctional buildings can be outlined inquire composition in regard to functional programs and technological systems based on the construction system as an internal set of elements [7]. Certainly, a multifunctional building is determined by the environmental components, such as: location, environment, management system, social and economic aspects. In other words, the importance of multifunctional centers is greater than we think because it unites man with nature, trade, culture, art and many functions that this environment contains [8]!

## **DISCUSSION**

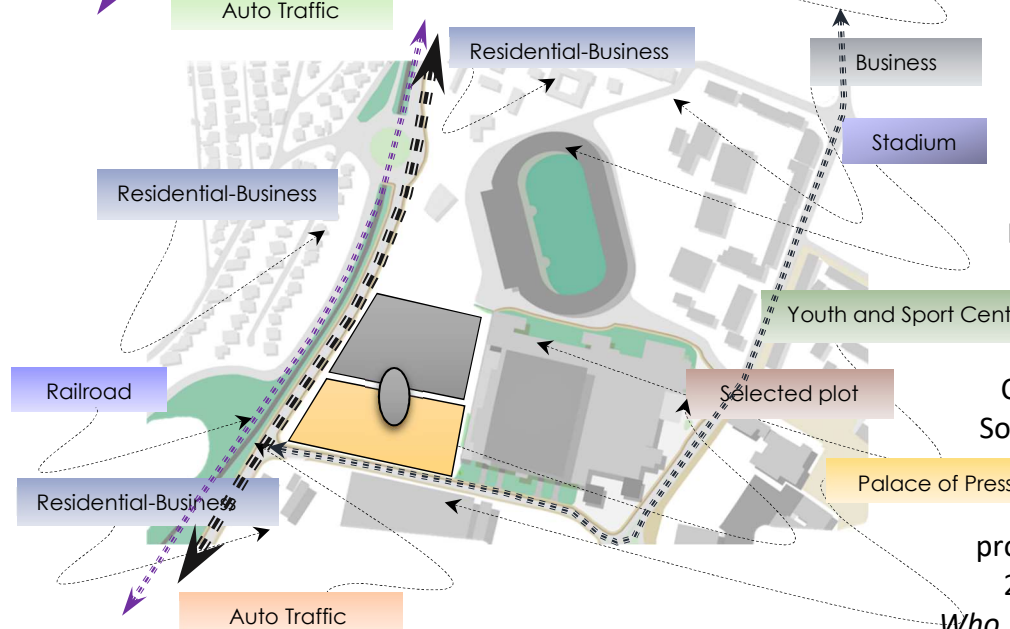
Life and contemporary lifestyle, defines a variety of daily activities, therefore, there are few changes in the daily approach of architectural design strategy, there is a lack of a holistic system for the implementation of a sustainable concept of contemporary design.

It's essential for legal and development mechanism to address that architectural structures can be easily accomplished by enabling respect for the urban development of the community and the consummation of economic profit. All these activities can be easily implemented by respecting the legal regulations in force. Therefore, the purpose of this research was that new architectural structures can be realized by respecting legal procedures, depending on the location by the municipalities, for example *Prishtina*. Profit recognition, development of the urban community and the incorporation of existing urban structure, without in any way violating the development regulations of cities which are in power.



**Fig 2.** First scenario proposed plot for a Multifunctional Center in Prishtina.

Source: (PZHU, PRU municipality of Prishtina, processed by Bajčinovci, 2019).



**Fig 3.** Second scenario proposed plot for a Multifunctional Center in Prishtina.

Source: (PZHU, PRU municipality of Prishtina, processed by Bajčinovci, 2019).

*Who will benefit if such a*

*center is applied?* Certainly, the community of municipalities, potentiality within the application in inner plan proposals that will correspond with urban and development plans to empower the freedom of implementing polyfunctional centers. The main benefit for instance, is that the city of Prishtina needs a Multifunctional Center that the capital itself and its inhabitants can benefit:

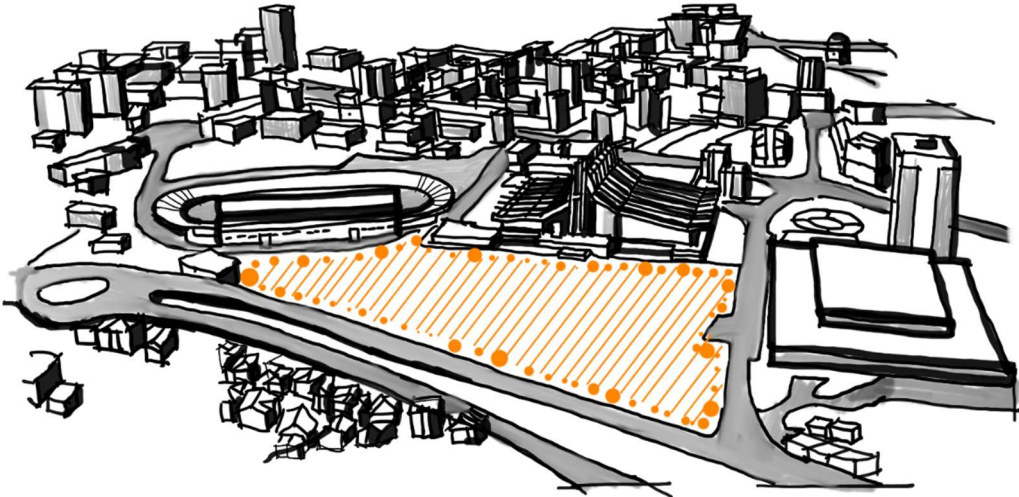
- socially,
- commercially,
- culturally,
- urbanely.

Sow all of these components will be harmonized in one structure. Therefore, the multifunctional center designed the proposed plot, is programmed to be at the service of general customers who gravitate to the center of Prishtina. The very presence of an multifunctional center enriches the urban structure with functions of business activity and recreational hotel services. Of course, a polyfunctional center is an anticipation that in addition to business services it will also integrate other functions which enriches the environment and customers.



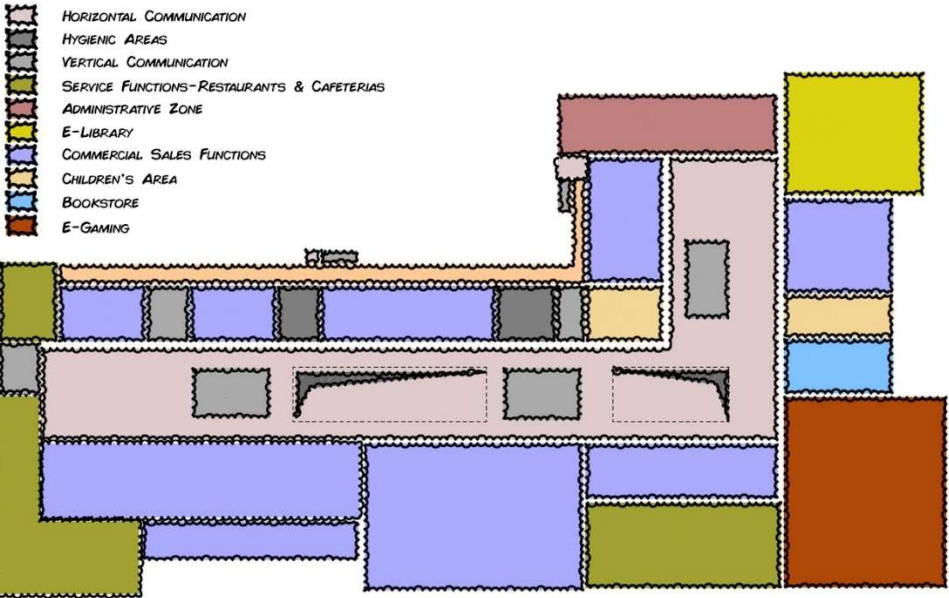
Cities like Pristina are expanding every day and more, nonetheless we must encourage to use the opportunity of strategic development, harmonizing with European laws and standards for a healthier urban future [8].

Fig



Urban morphology of the research location. (B. Bajčinovci, 2019)

Fig 5.



Proposed destinations of functions that a multifunctional center would contain. (B.Bajčinovci, research 2019).

A multifunctional center is intended to be empowered by polyfunctional spaces containing: commercial, e-gaming service areas, conference spaces, expose's, presentation & conference spaces, recreation spaces, promotional performances, administrative spaces, hygienic areas, underground garage and parking space, vertical and horizontal communication, and so on! In

this context, the multifunctional center epitomizes a functional multidisciplinary organism which enriches the immediate environment.

Containing a gallery in the plan floor, will also inform as the main function of sale, enriched with wide corridors for free and relaxing communication. The communication of goods in a multifunctional center is preferred to be invisible to consumers due to the special design of the so-called "unclean" corridors which would stockpile the entire building by means of elevators for goods in vertical and horizontal supply.

The supply of goods is preferred to be incorporated in the basement, that will contain a functional communication, also applying ramps up to the main warehouse of the multifunctional center.

The Permaculture design approach are often referred as invisible structures, the beneficial aspect is to carefully design in correlation among green landscape and building structures that will create a healthy and sustainable entity [9].

Possibility design developments, its essential to spread the idea of applying greenery: trees, shrubs, green barriers in our environment, and containing "green walls" in interior spaces. Hence greenery needs to be incorporated in urban silhouettes.



Proposed destinations of functions that a multifunctional center would contain. (B.Bajčinovci, research 2019).

The approval by citizens for a start-up and proposal related to a multifunctional center is essential, based on development and urban regulatory plans of the municipality of Prishtina is foreseen to develop a polyfunctional center that will represent a proper communication between the community and the government.



## CONCLUSION

Multifunctional centers is a derivate of human development has undergone major transformations in relation to the development of life style of the urbanites, with the improvement of human standard of living. Multifunctional center promotes and facilitate social development as gathering several service (economic, social, cultural) by reducing space and time. Multifunctional center promotes greater design knowledge in the field of multifunctional centers and professional diversity, thus encouraging further academic and scientific research to be embodied in the demands of the community, coexisting with scientific research studies as an inseparable system of social prosperity, which has been a primary and fundamental goal of architecture for thousands of years now. Clear focus on urban and road infrastructure should priorities several location to avoid traffic and create negative impact of center to surrounding neighborhood. The analysis used provide basic information for contemporary research, scientific data and ideas that should be engaged including the strengths, weaknesses and opportunities of the topic.

Through scientific research, the topic examines various aspects related to planning, design, philosophy, comfort, policy, sustainability and efficiency of contemporary design. The very presence of an multifunctional center enriches the urban structure with functions of trade, culture, and recreational services, and design.

Hence, a multifunctional center envisions to harmonize functional spaces which improves the requirements and needs, of social norms.

## REFERENCES

- [1] Francis D. K. Ching. (2018). *Architecture Form, Space, & Order. 4th Edition*. New Jersey, USA: Published by John Wiley & Sons, Inc. ISBN-10: 9781118745083. pp:120.
- [2] Bajčinovci, B. (2017). *Commercial Hybrid Buildings - Planning and Design. JOSHA. Vol.4.(3). Germany*. DOI: 10.17160/josha.4.3.309 (Accessed:August 2019).
- [3] Bajčinovci, B. (2016). *Architectural Conceptual Design-the Sustainable Shopping Malls Structures*. European Journal of Technology and Design, Vol. (14), Is. 4: 136-143. DOI: 10.13187/ejtd.2016.14.136
- [4] Ranjit Kumar. (1996). *Research Methodology: A Step-by-Step Guide for Beginners*. London: SAGE Publications Ltd. 3th Edition. ISBN-10: 1849203016.
- [5] M. Gerigk, A. Taraszkievicz, "Safety-based approach in multifunctional building design", Safety and Reliability: Methodology and Applications - Nowakowski et al. (Eds), London, 2015.
- [6] Bajčinovci, B. (2019). *Multimedia Studios Architectural Design Principles*. JOSHA. Vol.6. (5). Germany. DOI: 10.17160/josha.6.5.560.
- [7] M. Gerigk (2017) *Multi-Criteria Approach in Multifunctional Building Design Process*. IOP Conference Series Materials Science and Engineering 245(5):052085. DOI: 10.1088/1757-899X/245/5/052085
- [8] B. Bajčinovci, L. Beqiri. (2020). *Architectural Design of Multifunctional Center in Prishtina*. UBT International Conference. DOI:10.33107/ubt-ic.2020.37.
- [9] T. Hemenway. (2009). *A Guide To Home-Scale Permaculture*. USA: Chelsea Green Publishing Company. ISBN-978-1-60358-029-8.
- [10] Bajčinovci, B. (2016). Hybrid Structures as a Symbiotic Bond of Art and science. Journal of Science, Humanities and Arts. JOSHA. ISSN: 2364-0626. Vol. (3), Is. 5. 2016. DOI: 10.17160/josha.3.5.233 (Accessed:August 2019).
- [11] Assembly of Kosovo, Government, <http://www.mmph-rks.org/sq/Ligjet-e-Mjedisit1>. 2015. (Accessed:August 2019).
- [12] Municipality of Prishtina. Local government. <http://kk.rks-gov.net/prishtina/>. 2015. (Accessed:August 2019).
- [13] Law nr.2004 / 15 on construction, Republic of Kosovo. (Accessed:August 2019).
- [14] Project PUP, Prishtina. (1987). *Projeksioni Prishtinës 2000*. (Accessed:August 2019).
- [15] Urban Plus.(2004). *Rishikimi i planit rregullues urban "ARBËRIA 3"* Ref..L-01-81/04. KK, Prishtina. Kosovo. (Accessed:August 2019).