

Sports Facilities of Social Character in the City of Lisbon: Rethinking and rehabilitating the Clube Oriental de Lisboa

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Partner Institutions

Clube Oriental de Lisboa

Câmara Municipal de Lisboa

Junta de Freguesia de Marvila

Expected Future Partner Institutions

Junta de Freguesia do Beato

Junta de Freguesia do Parque das Nações

Faculdade de Motricidade Humana –Universidade de Lisboa

Federação Portuguesa de Futebol

OBJECTIVES

The Project has as its MAIN Objective:

- Establish the principles for the development of a model for an Urban, Inclusive Sports Facility of Social Character, in the city of Lisbon.

The Project has as its SECONDARY Objectives:

- Identify, study and analyze the existing Sports Facility of Social Character, in the city of Lisbon.

- Select, collect and analyze municipal, national and international case studies and project references that will contribute to the definition of the model;

- Characterize the social fabric of the eastern part of Lisbon (of different social strata), where the study case is located, in order to understand the potential of social inclusivity and cohesion of the model;

-Characterize morphologically, typologically, spatial-functionally and programmatically, a model for a new Urban, Inclusive Sports Facility of Social Character;

- Design a spatial-programmatic structure and a preliminary program for a future intervention in the study case, the Clube Oriental de Lisboa.

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ABSTRACT + IMAGES

The rapid urbanization and population growth in contemporary societies have heightened the urgency for creating sustainable and livable urban environments that prioritize the well-being, social connectivity, and environmental stewardship. Sports and social facilities play a pivotal role in fostering community engagement, promoting physical activity, and enhancing the overall livability and sustainability of urban areas. Focusing on a case study of the city of Lisbon, this research project aims to investigate the impact of sports and social facilities in urban contexts, with a specific emphasis on their contribution to social cohesion, physical and mental well-being, environmental sustainability, and the overall quality of life of urban residents.

Clube Oriental de Lisboa, commonly referred to as Oriental (or COL), is one of the most prominent sports clubs in Lisbon, Portugal. With a rich 75-year history, Oriental has deep roots in the eastern region of the city and plays a significant role in both the sporting and social landscapes of the capital. Founded on March 6, 1946, Oriental emerged from the merger of several local clubs in the eastern region of Lisbon, with the primary objective of strengthening the socio-cultural bonds within the community. This union gave birth to COL, quickly establishing itself as a prominent sporting entity in the capital. Over the years, the club has become a focal point for the local community, earning a unique and esteemed status.

Throughout its 75-year journey, Oriental has maintained a close-knit relationship with its community and the area it represents, which is one of the defining characteristics that sets it apart. The bond between Oriental and the local population is inseparable, and the club has played an instrumental role in the lives of the residents of the eastern region of Lisbon. However, Oriental faces challenges concerning its facilities. Over the years, the club's premises have not received the necessary upgrades to meet modern demands. This situation is primarily due to the club being a non-profit organization, which faces financial limitations when it comes to carrying out construction and renovation projects. Currently, Oriental's facilities are in dire need of significant improvements to provide optimal conditions for its athletes and members. Paradoxically, despite the limitations of the facilities, Oriental continues to attract a large number of young athletes in football, handball, and gymnastics.

This serves as a testament to the club's value as a catalyst for social progress in the eastern region of Lisbon, offering sporting opportunities and contributing to the personal and social development of its young members

Addressing the challenges posed by the club's facilities is of utmost urgency. Oriental not only requires essential renovations and developments within its premises but also additional sports equipment that fosters inclusivity and contributes to the urban development of the eastern region of Lisbon. Establishing a social ecosystem supported by community involvement is paramount, as it ensures sustainable and collective growth for the local population.

To accomplish these objectives, faculty members from the School of Architecture at the University of Lisbon, researchers, the management of COL, and the Lisbon City Council have come together in pursuit of viable solutions. An initial draft has been proposed, envisioning the creation of a research group that will advance various research and activism strategies. This collaborative research group will work closely with the club, the town council, and the city council, aiming to materialize Oriental's future facilities.

In this context, the RE-COL project formalizes this initiative by aiming to make a significant contribution to the physical development of the place in question by investigating the demands of the local community, the specific needs of the club, and similar cases at the international level. This will support the proposition of sports facilities that contribute to the qualitative growth of this unexplored territory in Lisbon. The contributions will be made through architectural research, including a survey of existing facilities and the proposal for future occupation, which will be materialized in a book and an exhibition to be held at the Marvila Town Council.

The synergy between academia, the club, the town council, and the city council is crucial in serving the public interest and fostering collective interaction among institutions. This collaborative effort will facilitate the development of a comprehensive plan for Oriental's facilities, taking into account the community's needs and the vision for sustainable growth in the eastern region of Lisbon



SCIENTIFIC RELEVANCE FOR THE DISCIPLINE

The research will contribute to the existing knowledge by emphasizing the importance of sustainable sports and social facilities as integral components of urban planning and design. The outcomes will provide valuable insights to policymakers, urban planners, and community stakeholders in making informed decisions regarding the development and allocation of resources for these facilities, ensuring their long-term sustainability and positive impact on the urban environment.

Consisting of a close collaboration between a group of researchers in architecture and a historic sports club - COL, the project aims to contribute to the development of better conditions for its facilities, which will be manifested in future architectural solutions that are inclusive, sustainable and comprehensive to the population of the whole the eastern zone of Lisbon, which represents a third of the city's territory. The active participation of the Junta de Freguesia de Marvila and the Municipality of Lisbon will also be an important reinforcement for the intention to find a solution to this problem.

EXPECTED ECONOMIC AND SOCIAL IMPACT

The research explores the correlation between sports architecture and social inclusion in marginalized areas. It aims to address their specific needs by identifying suitable solutions. The goal is to enhance education opportunities and attract both underprivileged residents of Marvila and the younger population from neighboring areas like Parque das Nações. Sports facilities act as unifying elements that generate economic interest, stimulating the local economy and fostering entrepreneurship. The emphasis is on the socializing aspect of sports, promoting community well-being through inclusive clubs that encourage association and collectivism. The architectural research approach will prioritize sustainability, inclusion, and social, urban and architectural regeneration. Given the existing sports legislation and safety regulations, the redevelopment of COL is also of vital importance to meet the requirements and ensure compliance with sports regulations.

RESEARCH PLAN AND TASKS

The goal of this project is to establish the principles for the development of an Urban, Inclusive Sports Facility of Social Character in the city of Lisbon. The primary objective is to create a model that promotes social inclusivity and cohesion, focusing on the eastern part of Lisbon. The study case for this project is the Clube Oriental de Lisboa (COL), which requires a comprehensive intervention to enhance its facilities.

To achieve this main objective, several secondary objectives have been outlined. Firstly, it is essential to identify, study, and analyze existing Sports Facilities of Social Character within Lisbon. This will provide valuable insights and references for the development of the model. Furthermore, municipal, national, and international case studies and project references will be collected and analyzed to contribute to the definition of the model.

Understanding the social fabric of the eastern part of Lisbon is crucial for creating a model that truly serves the community. Therefore, the project aims to characterize the different social strata in this area to comprehend the potential for social inclusivity and cohesion that the model can offer.

In order to design an effective intervention for COL, a thorough analysis of its morphological, typological, spatial-functional, and programmatic characteristics will be conducted. This analysis will serve as the basis for developing a spatial-programmatic structure and a preliminary program for the future intervention in COL.

Throughout the project, various tasks will be undertaken to gather information and conduct surveys. The first task involves identifying and analyzing similar case studies in Portugal and abroad, followed by a survey within the community to collect data from the residents of the three town councils affected by COL. Subsequently, a survey will be conducted within COL to generate a BIM (Building Information Modeling) model of the current state of its facilities.

Finally, the project aims to disseminate the research findings through a book and an exhibition, in collaboration with COL, the Lisbon City Council (CML), and the town councils.

By achieving these objectives, this project seeks to lay the foundation for an Urban, Inclusive Sports Facility of Social Character that not only meets the needs of the community but also fosters social integration and well-being in the eastern part of Lisbon.

To achieve these results, this embryo project is organized in 5 tasks, as it follows. With the project's maximum duration set at six months and the possibility of expansion, our research plan is focused on achieving realistic results within this timeframe. While the tasks are outlined sequentially, we expect some of them to overlap. However, we believe that this overlapping won't hinder our progress in reaching intermediate milestones and ultimately obtaining the desired final outcomes.

TASK 1 – Identification and analysis of similar case studies

Task start date: January 2 2024

Task duration (in months): 2

Task finish date: March 1 2024

The main objective of this task is to identify, analyze and summarize existing information on case studies in similar situations in Portugal and abroad. The case studies will be chosen based on their programmatic proximity, the dimensioning of their facilities and, finally, their organizational characteristics, as inclusive, non-profit associations of social character.

The methodological approach of this task includes:

- 1)collection of significant data and information from different bibliographic national and international sources such as databases, books, magazines, articles, proceedings, reports, theses, documentation, etc.
- 2)synthesizing the information obtained through the development of a table.
- 3)presenting the information collected in the dissemination phase.

TASK 2 – Survey within the community

Task start date: February 2 2024

Task duration (in months): 1

Task finish date: March 1 2024

The main objective of this task is to collect data from the residents from the three town councils directly affected by the COL – Marvila, Beato and Parque das Nações. The survey will be divided in three parts: a) Demographical characterization, in which data regarding subject's residence, work location, age and education will be summarized; b) detailing of subject's relationship with COL: if they know, attend or have someone in their relations that do it and, finally, c) with a prospect of COL's venue retrofit, what they expect could be done in the entity that can improve the quality of life in the neighborhood.

The survey will be conducted anonymously, based in an electronic form available online.

TASK 3 – Survey within the COL

Task start date: March 2 2024

Task duration (in months): 2

Task finish date: April 30 2024

The main objective of this task is to generate a BIM model of the current state of COL's facilities, in order to delineate a baseline for a future intervention on site.

The methodological approach of this task includes:

- Developing a synthetic photographic report of the venue;
- Importing the existing graphic electronic documents to a BIM central file;
- Develop a BIM model with sufficient level of detail to understand the existing facilities and support future proposals of intervention;
- survey within COL stakeholders their functional needs regarding the current venue and generate a summary of the main problems to be addressed in a future intervention.

The expected results of this task are the BIM model in IFC format, a photographic report of the venue and a summary/first brief of the intended intervention.

TASK 4 – Definition of a spatial-programmatic structure and a preliminary program for COL

Task start date: May 1 2024

Task duration (in months): 2

Task finish date: June 28 2024

Based on all the information processed and condensed on BIM model, and all the information generated in the previous tasks, the main objective of this task is to:

- organize the spatial distribution of functions, based on the intended uses and fluxes;
- determine the areas and space distribution that can be applied on COL;
- develop a geometrical scheme that can support the design of the future intervention on site.

TASK 5 – Dissemination

Task start date: May 2 2024

Task duration (in months): 2

Task finish date: June 28 2024

The main objective of this task is to summarize and present the results of the research in a book and an exhibition, in partnership with COL, CML and town councils.

EXPECTED SCIENTIFIC RESULTS

The scientific results expected to be produced in the scope of the Re-COL research are:

1. Production of a book with the final results of the project, including the participation of the members of the research team, covering the theme, the different scales and aspects of the research.
2. Organization of an exhibition to be held at the Junta de Freguesia de Marvila, the COL or another space made available by CML.
3. Participation in National and International Scientific Meetings to present Communications with the intermediate and final results of the project.
4. Productions of Papers to be published in indexed publications.
5. Development of a Master Thesis in Architecture, based on the theme and Case Study of the Research Project.

BUDGET: € 7.500,00

1.Human Resources

The funding granted will enable the hiring of a Master Student (for 6 months), in a service provision regime, for the value of 6000 €.

2.Equipment: The funding will enable the acquisition of a laptop computer, to be used by the Master Student to support the research work developed, for the value of 1000 €.

3. Consumables: The acquisition of different consumables needed for the conclusion of work: paper, printings, copies, etc., for the value of 300 €.

4. Missions: The funding will also cover transportation costs of the team from and to COL, when necessary, and, eventually, to other case studies in the city of Lisbon, for the value of 200 €.

These expenses make a final/total value of 7500 euros.