

Living-dwelling | the importance of half-private spaces in the neighbourhoods on the city border line

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ABSTRACT:

The participation in architectural design understands involvement of different stakeholders in the process of defining an architectural problem. The result is creating an architectural concept with social significance for the users. Considering the identity of living space, certain similarities arise as an important issue regarding the coherency of built structure. Therefore the importance of half-private space becomes an important aspect of well-defined neighbourhood. This paper presents a research where students, dwellers and local municipality, all stakeholders from different areas work together on a participatory action. In order to fulfil the problematic of the usage of half private spaces, the neighbourhood on the border of the city is emphasized. The phenomena of emerging city border neighbourhoods appear in the period of industrialization of the city of Skopje. Different schools from different area of expertise are involved in the educational process because education nowadays has global influence. The students have learned how to create and use analytical tools in the process of creating a program which has social significance for the inhabitants. A common topic is established – the importance of half-private spaces. Beside the students as a part in this project, the Municipality and dwellers also benefit from this education process. Governing in a smaller scale as a part of the city, the Municipality also becomes a part of the transformation of the contemporary Balkan city. Dwellers could realize that their half-private spaces can get new social significance and become social condenser.

KEYWORDS: social condenser, half-private, city-border, neighbourhood

1 INTRODUCTION

The participation of local community, residents, and their representatives in creating the sustainable architectural concept is commonly considered as involvement of stakeholders with different interests in the design process. By involving the different parties in the design process it is the assumption of creating an architectural concept with social significance for the final users. Depending on the standpoint, each party has particular specific role regarding their participation in the whole process.

The participatory actions in architectural design process, considering the definition of architectural problem today, are commonly understood by assuming the user's needs and propose an architectural concept. Usually it derives from previous experiences defining the problem. Therefore, the purpose of this work is redefining the aprioristic approach which does not bring significant results for the local community regarding the sustainable concept as an estimative goal. The research presented in this paper will also give us the opportunity to realize how participatory actions in local community, between residents, their representatives and experts in the area are inherent in defining the aspects of social sustainability in architectural research. To achieve these assets it is necessary to emphasize the academic plausible methodology.

This paper presents the research of social sustainability according to new proprietary conditions in transforming societies. It is important to emphasize that the research problem relates with aspects of new properties of the half private space. Since the agricultural land in rural areas nearby cities such as Skopje transformed for housing, immediately become the subject of urbanisation and under governance of local authorities. In the beginning of that process the vernacular type of housing with strong identity was appearing, and created so called "rurban" neighbourhood. Certain characteristics of rural and urban elements were recognised with strong social significance. Thereby the purpose of research presented here is plausibility of basic theoretical and methodological principles to achieve a social sustainability as a collaborative condition within communities.

The success of sustainable development programs in transitional societies is determined by their ability to achieve the highest attainable increase in living standards without measuring the least possible environmental and social degradation. This condition is present especially in the post socialist countries who are attempting to reach the European Union standards for living environment without acquiring of certain knowledge. It seems that the local

authorities and experts in that area of expertise emphasize environmental or economic sustainability on macro level avoiding the aspects of social sustainability of the future development at the local level. There is a great possibility “environmental degradation to occur in areas of high poverty and low social cohesion”. McKenzie [1]

2 SUSTAINABLE MODEL

The recent and most commonly used definition of sustainability known as the Brundtland definition established in 1980s at the United Nations Commission on Environment and Development (UNCED) is: “Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs”. [2] For successful implementation of sustainable development is the [ability](#) of members of certain [community](#) to [develop processes](#) and [structures](#) which not only meet the [needs](#) of its [current members](#) but also support the ability of future generations to [maintain](#) a healthy and sustainable community.

There is great miss knowledge defining sustainability regarding the context where definition is applied. Usually it is more important than its wording. Inclusive definitions may call for interdisciplinary input and a cohesive view of the interrelation of nature, society and the economy, but the primary goal of those who are performing the research, stakeholders which profiting from its implementation, will quickly determine the real meaning of the work in the field of sustainability. Any community or organization that concern equal to environmental or economic sustainability should include social sustainability as a principle too. Social interactions within community define the identity of public domain and should be represented by authorities: “public domain is specified as a representation of collective needs. As an opposite of “private” which etymologically means personification and unique, “public” refers to selectivity and wholeness? The elements using to established this aspect of collectivism and wholeness should be universal, understandable and familiar to their users. From the sociological point of view public authorities approach to the citizens and become their real representatives.” Davis [3]. In practice, this has not been the case. Therefore, the key aspect of social sustainability depends on societal conditions of community on its local level. In that sense Phillip Sutton’s words are: “sustainability is not “about” the integration of ecological, social and economic issues, nor is it “about” widespread consultation nor is it “about” improving quality of life. It is about maintaining or sustaining something.” [4]. To understand this concept there is a necessity to identify the focus of concerning of local community.

UNESCO’s MOST (Management of Social Transformations) project has conducted a series of case studies on cities, and the social policies that determine their social sustainability. The social sustainability of a city in this project is defined as: “Development and/or growth that is compatible with the harmonious evolution of civil society, fostering an environment conducive to the compatible cohabitation of culturally and socially diverse groups while at the same time encouraging social integration, with improvements in the quality of life for all segments of the population.” [4]. Their focus on the local in all these matters is due to recognition that “the social sustainability of cities is affected not only by nationwide spatial policies, but also, if not chiefly, by policy decisions and implementation at the local level”. [4]. It is very hard to develop sufficient frameworks for social sustainability on macro-level without failure of social theory principles states P. Sutton.

What is instead required is a focus on local policies and institutions, to build up “comparative knowledge” about the key factors that make urban policies successful. Particular societies in transition cannot be studied, sustained or altered through policy or institutional change without reference to the transformation of space (local region) they occupy, such things as the allocation of civic space, street design, the location of services in relation to population, and so on. The principle of “best practice experience” became model for social sustainability research that it takes the focus away from “scientific” measurement of a condition and emphasizes “comparative knowledge”. By doing this it allows for a wide range of collaborative research projects to be considered under the heading of social sustainability and community integration. The criteria for inclusion as a “social sustainability project” are that the project must be innovative, effective, and sustainable. [4].

Social sustainability may be viewed as a process, as well as a condition states McKenzie [5]. Each local community has its particular condition where architectural research problem has its own characteristics. Thereby, each indicator of that condition becomes actions, which can be implemented by the community as a whole in order to increase or preserve its current level of sustainability over time. Participatory action on methodological level is simply a matter of rephrasing the indicator that is, developing a series of mechanisms for a community to collectively identify its strengths and needs. There is methodology that gives a possibility to achieve a social sustainability as a collaborative condition within communities. Processes within communities that can achieve that condition are some activities as indicators of the condition. Steps towards their implementation are these aspects of the process:

- Equal access to key services such as health, education, transport, housing and recreation;

- The needs of future generations will not be disadvantaged by the activities of the current generation;
 - System of community and cultural relations in which the positive aspects of disparate cultures are valued and protected, and in which cultural integration is supported and promoted when it is desired by individuals and groups in the same public space.
 - Participation of citizens in local Municipality at a local level;
 - Creating a system for transmitting awareness of social sustainability from one generation to the next - a sense of community responsibility for maintaining that system of continuity;
 - Developing mechanisms for a community to fulfil its own needs where possible through community action;
- According to McKenzie [6] these aspects should improve the social sustainability processes on a local level.

2.1. Skopje experience

Social sustainability as a collaborative process within communities was a workshop topic realised in December 2013 by Students and Professors from Faculty of Architecture in collaboration with Municipality of city of Skopje - Centre. The whole process of research the public needs, collect data related to the regulations and propose the architectural concept was a perfect opportunity for collaboration with Municipality of Centre within their on-going activities. Description of Collaboration process between two institutions has these methodological assets:

Phase 1. Detection of problem and “label” it: non-places. The purpose of the first phase was to make the students recognize public spaces which are not used to their full potential.

Phase 2. Development of the problem, history of the place through the plans and level of their realization. Students had to elaborate the problem, take pictures, and create a survey regarding a better public space. To realize morphological transformation of the place through urban plans, how it was transformed during periods of time and what was the reason it became what it is today, a so-called ‘non_place’.

Phase 3. Architectural concept and “label” it: reprogramming / new public realities. After determination of the problem, students had to propose the best architectural design that will improve public space.

Phase 4. Acceptance of most doable architectural concept according the criteria and Municipality budget;

Phase 5. Realization of project proposal according the annual plans of Municipality.

During the research process students were investigating the problems of local habitants regarding the occupation of their public space by collateral activities. This concept of dialectic relation between students’ capabilities for research in architecture and resident’s needs, introduced the process with a social significance only when it emerges from the contexts where it actually belongs.

3 STRATEGIES OF MANAGING SOCIAL SUSTAINABILITY – PARTICIPATORY ACTIONS RESEARCH

In the attempt to redefine the implementation of sustainable concept we would like to explain plausible methodology which gives significant results for the local community. A crucial goal is to elaborate approach based on the “principle of inquiry into the actual or proposed actions of people, by and with those affected”, Chevalier [7], to reach the social aspect of particular group of people. It is important consideration to realize how participatory actions in local community, between residents, their representatives and experts correlate the aspects of social sustainability in architectural research processes.

The objective of this approach to collaborative thinking and social engagement is to eliminate socially irrelevant inquiry managed "from outside". Participation is defined as the interactive engagement of stakeholder groups viewed as "communities of interest". Chevalier [8]. Defining the applicative methodology it is important to establish a relevant problem regarding the social issue between all stakeholders involved in the process. Therefore managing and mediating the knowledge of different actors is only feasible when it is done according the direction of the “history” behind the immediate situation. Chevalier [7].

3.1. Pedagogy of the sustainable process – according to J. M. Chevalier and D. J. Buckles

The role of academic approach in such participation projects has differences from conventional “pedagogical academic program”. Mainly the difference from academic approach is to ground inquiry in a social purpose or intention to act socially. Researching skills usually means to ground thinking on assumed and previously gain knowledge. Research in the participatory action projects requires different kind of skilfulness, commonly ignored in academic settings and knowledge assets, “questions about the relevance and broader impact of course-based learning and disciplinary research are seldom asked and poorly answered. The role of students and researchers should acquire the skill to design

questions and a process of inquiry that engages people involved in real events. This approach will engage knowledge created "meaningful events", rather than producing "eventless" documents. "Skilful means" refers to any method or strategy that is helpful because it is attuned to the capacities, needs, and circumstances of the people involved." Chevalier [9].

New approach established in participatory action research should acquire field research and new concepts and practices to improve evidence-based research. This approach "tends to marginalize it from mainstream learning and academic research institutions and from public policy-making processes". Chevalier [9]. The key aspect in this research should engage local people invited to contribute to decisions about projects by being part of a participatory action research process.

Pedagogical benefits for students in participatory action research projects are distinctive versus academic because being involved in the process where people create new knowledge and meaning. This process gives the opportunity for students to develop practical tools to delve into local culture and value systems of community life. This approach "overcomes these problems by creating flexibly structured processes that support inquiry and dialogue in context and across social and knowledge boundaries." Chevalier [8].

4 TWO SYSTEMS OF PARTICIPATORY ACTION RESEARCH – RESULT-BASED MANAGEMENT (RBM) AND PROCESS MANAGEMENT (PM)

Methods adapted from psychology to engage social sustainability, provide unique answers to the crucial question of how to mobilize cultural values and systems of knowledge and learning. Techniques to ask questions such Problem Domain and Social Domain, offer both simple and advanced ways to build on local knowledge and value systems, using methods that avoid fixed terms and ideas and make use of differences in language and culture. Chevalier [10].

- Result-Based Management (RBM)

A stakeholder such as public administration, as a party in participatory processes usually narrows their involvement only on ordering planning documentation and issuing building permission according the law. Their contribution in organizational development uses a somewhat narrow range of methods to plan and manage projects.

These methods, especially in the public sector involve managing for results —formally known as Result-Based Management (RBM). This method begins with setting, expectations that reflect common goals and specific objectives. Then, activities are designed and managed to achieve the expected results. Chevalier [11].

This way of doing management, beside its rationality, lean on previous experience, lacks reason and it brings rigidity into planning and management where "unpredictability and uncertainty prevail".

Considering planning where unpredictability and uncertainty exist, and with limited knowledge of key factors, leads to actions that are mechanical and linear. Planning process deprives people of the flexibility they need to achieve desired results under changing circumstances. In complex situations, RBM: "produces closed-system plans that are too simple and that may hide reality behind defined goals and projects." Chevalier [12].

Nowadays, to act socially in management methods within the project and other planning have evolved to include critical reference groups (involving participants) in key stages of the project cycle. This method includes: goal definition, information gathering, project planning and implementation. As such, they inject "participatory principles" into the planning process.

- Process Management (PM)

Process Management is method of approaching to planning that can be used in complex, unpredictable situations common in the fields of development and social change. As it mentioned earlier in the transitional society's transformation of the properties of the land and migration in the middle of last century is common situation.

As in medical practice, planning becomes a form of continuous thinking grounded in ongoing activities. The result is a series of working hypotheses to be tested "in the middle" of complex situations that have no clear start or end. Chevalier [12].

The method allows stakeholders to pursue different goals or activities within a common project. Under such circumstances, the planning process must respond to many interests as a key aspect of public interest of particular community. This concept helps planners by anticipating the precise events and activities to satisfy the larger goals and processes.

Process Management, implies methods and techniques where plans are made at the right time and adapted to ongoing results, which means that each step of the process can create inputs for the design of later steps. These techniques are key feature of Process Management that introduces the social dimension into project planning. People can then apply new learning to social participatory action guided by practical wisdom and a sense of purpose already established in the pattern language of their existential space.

5 LIVING-DWELLING: A PARTICIPATORY ACTION BETWEEN STUDENTS OF ARCHITECTURE AND THE RESIDENTS IN NEIGHBOURHOOD OF “ILINDEN” MUNICIPALITY, SKOPJE

Being one of the fast growing suburban areas of the city of Skopje the Municipality of Ilinden has developed specific urban living and dwelling patterns that could serve as a sustainable model for future development of the city. Through observing and contact with the dwellers particular social and cultural habits regarding the usability was recognized in spatial organization of the yards.

It was realized that participation of residents as stakeholders is important during the research of socially sustainable environments. This research was conducted during the two workshops. The 1st session was realised in June 2014 where the objectives has been to create a participatory action between local authorities from Municipality of “Ilinden”, students and mentors from UKIM Faculty of Architecture in Skopje and the residents from the neighbourhood in “Ilinden”. Students in close communication with dwellers and local administration have investigated the actual dwelling and living habits of the neighbourhood focusing their research on the residential urban block in “Ilinden”. In the course of one week, the students fulfilled several tasks:

Task 1: Students prepare specific questionnaire to determinate the social and spatial distinctive qualities of the place regarding its inhabitants and their particular style of living;

Task 2: Students observed the neighborhood to realize the crucial social and habitual patterns of inhabitants related to their dwelling;

Task 3: Students created survey to realize participant’s perception of qualities of their neighbourhood. In order to be sure, that they asked correct questions, students have created three groups of questions: statistical parameters, program and spatial patterns, and needs/preferences. There was a part of the questionnaires where dwellers had been asked to sketch the floor plan of their house and also the floor plan of the house they would like to live in;

Task 4: Inhabitants created their own statements according their perception of the neighbourhood. Dwellers were inquired about their previous experience about their current living environment. They were asked to describe on their own words what they like most and less of their living places and writes it in the questioner to share it with the rest of participants, and also to try to sketch the floor plan of their house. To ‘Imagine your ideal living space’. Participants were asked to reflect their visions and expectations concerning their future habitat by trying to sketch a floor plan which represents their ideal living place.

Task 5: Representatives from the municipality realized inhabitant’s needs. At this point, with regards to the research that the students had made, the municipality got a clear image of what the problems and needs of this particular neighbourhood were.

Task 6: Students summarized results and created (social diagrams) according the survey;

Task 7: Students presented results to the representatives from the Municipality of “Ilinden”.

The following final considerations have emerged from the experience of implementing the participatory action processes from this workshop:

-Students have been introduced with specific research methodology to realise public collective needs.

-This concept of dialectic relation between students’ knowledge for research in architecture and dwellers living habits, introduced the “culture of building” where architecture has a social significance only when it emerges from the contexts where it actually belongs.

-Students became aware of the role of architects as educators of dwellers regarding their perception of dwelling.

The purpose of the follow up 2nd session realised in October 2015 of the workshop, has been to create, recognize and conceptualize social behaviour beyond the half-private space. As a result, the participants have proposed possible scenarios where particular and specific social activities are taking place. In this workshop Process Management (PM)

methodology was applied with tools that support careful analysis of the actors involved in a project, the problems they are facing, and the options for action they may use to solve these problems and achieve their goals.

Since the primal goal was to improve educational process, to ground inquiry in a social purpose and intention to act socially, the participatory action in Skopje has been a collaboration between UKIM Faculty of Architecture in Skopje, Lecturers from the University of POLIS in Tirana, Lecturers from the University of Belgrade and the local authorities and dwellers of the municipality of Ilinden, Skopje. The methodology proposed in this workshop was an open, complex systems approach to thinking, dialogue, and action with aim to create process with practical tools for collaborative inquiry and social engagement of dwellers. The main goal of this participatory action has been the engagement between the dwellers and students of architecture, and their collaboration in order to identify the needs of the inhabitants. Accordingly, there has been a pedagogical purpose behind the action, regarding the students and the dwellers, who have been taking part of a social design process.

6 TECHNIQUES

The Social Analysis techniques as a result from the 2nd session were created that reflect basic living patterns: what are the problems that people face, who are the actors or stakeholders affected by a situation or with the capacity to intervene, and what are the options for action? Chevalier [13]. The half-private spaces, house's front yard that are meeting the public zone of the street, have been in the focus for reprogramming and restructuring of the neighbourhood landscape. Architectural concepts have been created by leading the following steps as a methodological strategy of the workshop.

Step 1 – Educative and informative meeting in a form of a seminar was held where teachers and lecturers from different areas of expertise and different universities where discussing the importance of the aspects of the half private spaces

Step 2 - Interactive meeting with residents where they have identified their spatial needs and have mapped the required facilities.

Step 3 - Creating questionnaires in which the questions have been chosen in pursuance to get the answers needed that helped the students understand the dwellers needs and their habits.

Step 4 – Architectural conceptualization of the resident's requirements (working on development of the new spatial concepts that will redefine the semiprivate threshold between private/home and public/street space.

The survey has helped the students get the needed information in order to create sociograms, related to the activity diagrams, which represent the actual and the proposed situation in the neighbourhood regarding social interaction between the dwellers and their interlock of interests on different scales. The activities between students and residents planned for this participatory action have been grouped in the following sequential phases:

Phase 1: Theoretical background / Students have attended an opening ceremony at the faculty of Architecture followed by lectures with theoretical background of the particular location and subject of interest.

Phase 2: Municipality visit / the theoretical discussion have moved to the municipality hall of Ilinden, through a process of familiarization with the municipality and its attributes.

Phase 3: Meeting with the neighbours / The important part of a participatory action is to bring different stakeholders together. The students after meeting with the local dwellers of Ilinden have been introduced to the local needs, on the other hand the dwellers have learned about the importance of the half-private space as a zone of social interaction.

Phase 4: Preparing a questionnaires / Based on the previous knowledge gathered from site, the students have prepared questioners regarding different topics, covering different areas of interest. The encounter between the students and the dwellers from the previous phase, have been the first step towards the goal of creating a relevant questioner.

Phase 5: Collecting data from the questionnaires / Each of the groups, collected the needed data from the questioners, and based on their suggested topic have graphically represented the outcome of the answers.

Phase 6: Creating sociograms / The survey has helped the students get the needed information in order to create sociograms, related to the activity diagrams, which represent the actual and the proposed situation in the neighbourhood regarding social interaction between the dwellers and their interlock of interests on different scales.

Phase 7: A video files have been produced, based on the sociograms. The animated files tried to achieve the ultimate goal of creating and interpolating different scenarios on a single base, which are being generated by the use of half-private space in the neighbourhood.

These techniques provided a theoretical conclusion as a summary. If the private space is defined as a local world of inhabitants, and the public space as a global world of strangers, then the half private space can be defined as an in-between zone. Its importance as sustainable model for future development of neighbourhood becomes an integral part of the city. Creating the street landscape of the passer-by and defining the image of the neighbourhood, yet it only serving the dweller on a local scale.

7 CONCLUSION

The study set out with the aim to establish sustainability definition in this case study; i.e. based on the notion of the ability of future generations to meet their own needs, the management of the project described in these participatory activities has attempted to resolve complexity of stakeholder positions in contemporary community. Emphasizing the social content, general and specific objectives of the project interact and evolve during this process of implementation of sustainable methodology and become the subject to negotiations, compromises, which change during the process.

The purpose of introducing the process management (PM) as a technique was to incorporate collaborative inquiry between academic assets into ongoing activities of local authorities, preserve living and dwelling patterns to make them sustain within the neighbourhood in time. The idea to emphasize the living habits to sustain is fulfilled through the steps of preservation and learning from "living" neighbourhood inherited with social significance. Assessments are done for accounting purposes but also to guide social action of dwellers in circumstances that evolve over time to meet unexpected needs of the future generations.

As we mentioned in the beginning, the elements using to established this aspect of collectivism and coherence should be understandable and familiar to their users. The social sustainability becomes a technique where the planning process must respond to many interests as a key aspect of public interest of particular community reinforcing the connection between citizen and local authorities as their real representatives.

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