PLEADING FOR AN IDEA

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A contemporary Romanian classic (obviously an architect) stated some time ago, and I am trying to quote him..., *the architectural phenomenon can fully manifest itself* (see the quality of life, of the built environment, etc.) *only under favourably financial and economic development conditions....*

The Chilean architect Alejandro Aravena, the Director of the 15th edition of the Venice Architecture Biennale, winner of the Pritzker Prize in 2016, called up to winning some *battles, some frontiers* which need to be enlarged so that to improve the quality of the built environment and, as a consequence, the quality of people's, *remark that has to be related to* the socio-economic context of the moment.

The effort of some students and young architects in Romania, to promote sustainable architecture in the architecture international competitions, implementing the present-day technologies (see *PRISPA* project and *EfdeN* project) comes out as an experiment that has to be continued, leaving room for interpretation.

Promoting an architecture marked out by the care for environment, the architecture that also provides the expected comfort level has to go beyond the stage of an experiment as far as all that effort has to answer to the requirements of the moment, with also obvious social connotations.

We propose that students at the Faculty of Architecture of *Spiru Haret* University and at the Faculty of Civil Engineering, to design together a volumetric spatial *module* that may be used in an *open design model* of certain SOCIAL DWELLINGS.

This module shall make possible the development of residential units with 1-3 rooms, which may be a part of certain buildings having a height between the ground floor and ground floor and 3 floors, buildings whose volumetry may take different forms depending on the parameters related to the characteristics of the site, on the beneficiary’s requests or on the economic aspects.

The building system elected (by using either wood or metal) shall enable an intelligent modular building, providing a prefabrication that shall allow flexibility of the planimetry

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(measurement of areas), reducing the time for the operations of structure assembling and possible disassembling in case that, for various reasons, the relocation of the residential units is required (e.g. emergency situations coming from natural phenomena, etc.).

The planimetry flexibility at the level of apartments shall be possible under the conditions where having a ceiling covered with ceiling tiles (to conceal the structural elements and installation), the inner division between the rooms of the apartments will be made by modular-type furniture which can provide various customised compositions of the users' apartments. The exterior enclosures of different spatial - volumetric compositions will be made from materials that will provide the energy efficiency and interior comfort.

The relation between *natural and built environment* shall be brought forward either by properly dimensioned balconies/ loggias, where the presence of vegetation will be adequate, by extensive glass surfaces or by the presence of greenhouses, variants that could be considered depending on the different requests.

The planimetric flexibility will allow the customization of each housing unit and the interior design may vary upon request.

In partnership with entrepreneurs in the industry, we intend to produce a *prototype* that will capture the interest of the potential users under maximum economic efficiency conditions.

We rely on the advantages of the project provided that its use will make possible the transition from *prototype* to the use in the *current production*.