

Professional scientific sessions for art, architecture and urban planning Thursday evenings

Held in: Conference hall of Herampey Consulting Engineers

Date: 01.10.2015

Title: The role of Engineers' order in the rise of the constructions' qualitative process

Speakers and panel members: Mr. H. Djahanbakhsh, Mr. D. Sharifi, Mr. S. Badiiee, Mr. M. Ravanshadnia

The first speaker was Mr. H. Djahanbakhsh who described the Engineers' order a sweet and bitter reality, because of what is happening in our days and what the engineers and architects dreamed that it should happen in reality. Mr. Djahanbakhsh affirmed that two decades of activity have not been enough to reach the goals.

Mr. Djahanbakhsh posed a question regarding the social and professional position of the Engineers' orders, how the society imagine its activities and position, it must have a political or professional nature?

Stressing on the fact that $\frac{1}{4}$ of the active engineers and architects (400 thousand) are concentrated in Tehran, talked about the problems that affect the society on this regard. He divided the activity of the Orders in three principal periods and then defined the duties that have been described for this group.

Mr. D. Sharifnia began his speech talking from another point of view, stressing on the fact that the Engineers order's growth doesn't correspond to the real situation and that the expectations are exaggerated. Mr. Sharifnia talked about the problems that the Order faces, like the extended role and power that the municipalities have, disturbing sometimes the correct position and duties of the Orders. These contrasts cause negative contrasts and problems between policy making organizations and operative branches of the municipalities. Mr. Sharifnia criticized also the financial prosper condition of the Orders, because money sometimes can play a negative role in the activities and goals, a problem that in his opinion must be considered seriously.

The third speaker was Mr. S. Badiiee who expressed the idea the key for any successful activity consists in three different nucleuses that can be defined in rule(or power), the financial capacity and the knowledge. If these three components are positively combined the results are guaranteed. Mr. expressed the idea that today the legal structure of the Orders, made by a strong policy is going to be replaced somehow by the financial power, so the expected results can't be achieved.

Mr. Badiie expressed the hope that the clever reorganization of the Orders' activities can lead the society in the process of a sustainable development through the activities of the Engineers' Orders.

The last speaker was Mr. M. Ravanshadnia, who is a professional project manager. Beginning his speech talking about the constructional projects, he said that the final result of a project is the combination of different sectors' activities and interests. In his opinion the principal problem of the Orders is that they must consider and satisfy the interests and expectations of different groups working in different fields that force the organization to ignore sometimes the public interests.

Mr. Ravanshadnia talked also about the priorities like the insurance for the quality, the technical ID and the capability of the constructor, the second priority is the useful life of the buildings, then as the third priority the lack of the professional preparation of the engineers. Another problem presented by Mr. Ravanshadnia was the fact the Iranian regulations don't comply with the international regulations. As another problem he mentioned the financial sources; meanwhile in other countries the financial sources are provided by the governments or official bodies, in Iran is the private sector that provides the financial investments, so in many occasions and cases the private and public interests are in contrast and in many cases the private sector is prone to ensure its immediate economic and social benefits.