

## **Unit 6 Healthy buildings/cities**

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This session presented a variety of interesting topics on heat Ireland, 3D, small cities, urban design, perception, teaching for design, simulation and experiments. The papers were related to the architectural scale tried to presented technical ways, results of experiments and simulations to make healthy buildings, other papers tried to integer the urban scale in their design, simulation and conception to achieve healthy cities.

I personally believe on the combination between both the architectural and urban scale in any conception to reach the sustainability. The paper on “Creation of a visual continuity though the degree of mixture of green tract of land in re-development areas” by Hyukjae Lee (Japan) tried to take in consideration this point, however it did not include the pedestrian opinion on the proposed model for the landscape of their areas, though the author took in consideration the pedestrian look as one of the parameters for his study. The participation of the users in conception, design or development of their space could be helpful to use healthy buildings and to live in healthy cities.

In addition, the audience pointed out the importance of the financial factor while designing a sustainable building, as well as the role of teaching sustainable design. The comments mentioned also the existence of a gap between the conception and the test of any project and wondered how many experimental healthy buildings could be built in the near future.

The papers presented in this session made us conclude that is difficult to verify all the factors of sustainability while making a design. Thus, I strongly recommended the use of the index of sustainability for any project whatever is its scale in order to evaluate our initiatives in making healthy building / cities.