



LECTURE SUMMARY

Introduction I

Planning for inclusive, people-centric and climate-resilient cities

EXPECTED LEARNING OUTCOMES

- Understand the concept of sustainability, the need for shifting towards sustainable futures and the consequent benefits
- Get familiar with the integrated planning approach. Focus on integrated urban-transport planning.
- Learn the basic characteristics of the compact city
- Comprehend the role and the importance of a human-oriented planning, through urban planning and design solutions

SUMMARY OF THE LECTURE

Sustainability is really needed for the future, otherwise cities will not be places of prosperity, but areas of hostility. Therefore, a lesson introducing sustainability principles and integrating them into planning process rationale is really fundamental. This first lecture aims to introduce participants in “sustainability”, which is a multidimensional concept that consists of a conceptual basis in which spatial planning is articulated and to which planning aims. Sustainability is approached not only by presenting its origins but also by focusing on its aim; at the same time, the reason why sustainability is set as the main target of the planning process is also explained.

Main topic of this lecture consists of the planning rationale and framework applied to organize and develop sustainable cities. An integrated planning approach plays a crucial role when sustainable planning is promoted; such a planning model evolves previous perceptions applied in traditional planning models.

Compact city model is the one that is usually identified as a sustainable city to which integrated planning aims. This paradigm is presented, in detail taking into account its





historical origins as well as its functional application. Emphasis is put on the parameters that affect compactness. Various theoretical perceptions about this topic are presented; however, one way to estimate compactness -it was applied for the municipalities of the Athens metropolitan area- is presented in detail. Special reference is made on the role that sustainable mobility plays in promoting the compact city paradigm and, by extension, the sustainable city one.

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