**Sustainable transformation of streets – holistic approach and selected examples**

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**Abstract:**

Streets are complex urban organisms that occupy rather large extent of space in cities, up to 25% of built surfaces. In the past 100 years city streets were subjected to the gradual rise of motorisation, whereas many important aspects and potentials were neglected. Following the agenda of sustainability, the need to gradual transform streetscapes into more human friendly and ecological environments is necessary. The paper is addressing different parameters that have to be incorporated when speaking of sustainable transformation processes of streets, including environmental, social and economic aspects. The holistic approach focuses not only on the issues of mobility exposing more frequent use of alternative mobility means and adaptive use of streets space, but also factors such as streets ecosystem facing new demands by the climate change. Social aspect is advocated through participatory approaches as street are considered most important public spaces. Within the paper many actual examples of street transformation from Europe are presented. The paper concludes with the notion of integration of different disciplines in order to achieve the holistic sustainable transformation of the city streets in the future.

**Key words:**sustainability, transformation processes, streets