

For the promotion of the use of road spaces by streamlining the consensus building process

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1. Introduction

The Ministry of Land, Infrastructure, Transport and Tourism is working to promote regional activities using road spaces in response to the increasing need to use road spaces.¹ Consensus building among various stakeholders is one of the challenges in realizing the use of road spaces. Thus, the National Institute for Land and Infrastructure Management is clarifying the effects on traffic, especially during exclusive uses and the effects of using the road spaces, which are often discussed, and examining ways to effectively and efficiently build consensus for further promotion.

2. Analysis of consensus building process in examples of road space uses

The authors investigated the conditions of ongoing examples of road uses and identified challenges in consensus building and points to overcome the challenges through the analysis of the consensus building processes in individual cases (figure 1).² The authors examined the appropriateness of the outcomes of these analyses focusing on cases in which there were the intentions to use road spaces but actual uses were yet to be realized. The following section summarizes the flow of introducing a road use project and consensus building processes by project types and points to streamline the consensus building processes in negotiations and other necessary procedures.

3. Effects on traffic functions and the organization of methods to identify the effects

The authors focused on ongoing cases of road use projects and organized valid road widths, occupied ranges,

and the relationship with pedestrian spaces. They also conducted on-site measurement surveys of open cafes and analyzed their effects on traffic. Specific methods to identify traffic conditions were also organized so that those who use road spaces could efficiently conduct investigations.

4. Systematization of the effects of road use projects and the organization of identification methods

The authors focused on the correlation with direct changes in the movement of people and systematically organized the category of effects from the perspective of the continuity of road uses. Specific methods to identify the effects of investigation methods and procedures were also examined to ensure efficient investigations and the reliability of investigation outcomes.

5. Future plans

The outcome of this research is going to be summarized in the Guidelines for Effective and Efficient Consensus Building to Promote the Use of Road Spaces and will be used as a reference to smoothly build consensus among stakeholders.

☞ For detailed information

1) Ministry of Land, Infrastructure, Transport and Tourism: the website of exclusive use of road

<http://www.mlit.go.jp/road/sisaku/senyo/senyo.html>

2) Hitomi Oguri, Takashi Inoue, Mari Takimoto: Consensus building process for the use of road spaces and the analysis of points to streamlining consensus building process. Papers of Research Meeting on Civil Engineering Planning. Vol. 56, No. 213, 2017

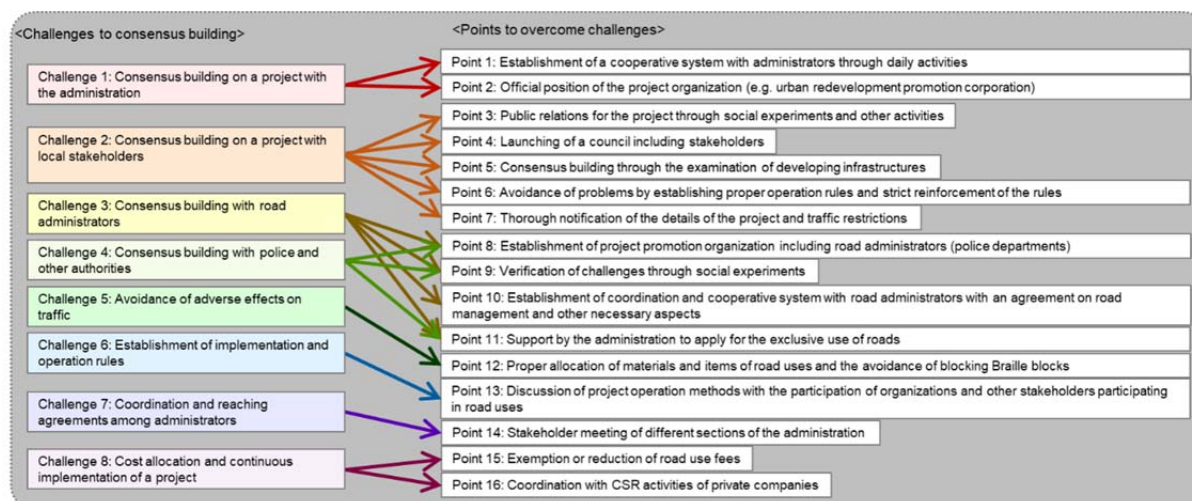


Figure 1. Challenges to consensus building and points to overcome them