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**Possibilities of supporting municipal authorities in processes of  
acoustical environment management**

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EU directives and state law acts oblige municipal authorities of European towns to create and exploit strategic acoustic maps. The further decisions of these authorities, considering both sustainable local development strategies and results of analysis of environmental effects (like noise), ought to form suitable living conditions in the towns. The people, responsible for such decisions, ought to dispose suitable knowledge and skills. Author of this paper led in recent years the consortium of R&D units involved in the research project, focussed on preparing technology of creating acoustic maps of urban areas. The project resulted in the method of acoustic mapping, based on GIS technology. Apart of "purely acoustical" problems, the forming of competencies of these members of municipal staff, responsible on preparation and then exploitation of acoustic maps, has been mentioned as a problem of essential importance in this research. In result of discussions with potential users of strategic acoustic maps, the need was formulated to give municipal units some effective tools of supporting them by means of offering necessary knowledge and expertises in the field of management of acoustical environment in urban areas. The concept of network-based system focussed on such a target is presented in the paper.