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Summary of the Ph.D. Thesis:

The problem of urban industrialization in the context of the assumptions of contemporary urban planning

The study aims to investigate the possibilities and methods of locating non-burdensome industries within the urban fabric under contemporary urban principles of city shaping, maintaining the high quality of the urban environment and public spaces.

The decision to take up the topic was inspired by the effects of the location of industrial functions outside the urban tissue in the second half of the 20th century and at the turn of the 20th and 21st centuries. The consequence of these activities is emerging urban, economic, and social problems, and in recent years, also environmental problems.

The research covers large cities in developed countries, where the challenge was taken to create a functional mix including industry inside an attractive urban area. The research is aimed at finding an answer to the question of whether the success of such a challenge is possible. The author is looking for urban tools that can support the process of creating high-quality urban spaces.

The work has been divided into three main parts: introduction, research, and summary, while the fourth and fifth parts contain a bibliography and a list of illustrations.

The first part - the introduction - presents the topic, the motivation for its choice, and its topicality. It poses a thesis together with research questions and defines the aim and research methods of the work. This part also presents the current state of research on the topic and the history of the issue.

The second part presents the research conducted. It includes a description of organizations and events related to the topic of the paper, as well as four case studies: Brussels, Stuttgart, Warsaw, and Gdańsk. Each of them discusses the topic, the historical background, describes the activities undertaken, and carries out two analyzes: the analysis of the urban composition and the analysis

of the existence of urban tools that can support the integration of industrial spaces with the urban tissue.

The third part summarizes the research in the form of case sheets and presents the defense of the thesis formulated in the first part. The conclusions from the research are presented in the form of a list of urban tools that can support the integration of industrialized parts of the city with the surrounding urban fabric.

Key words: reindustrialization, functional mix, productive city, mixed-use

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