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Section: Geography, Geology and Geodesy

GEOSPASTICAL TRENDS OF INDUSTRY DEVELOPMENT IN SUBURBAN COMMUNITIES OF TERNOPIL (UKRAINE)

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Suburban areas of large cities are traditionally areas of industrial production. This is facilitated by proximity to product consumption (especially food), as well as better transport accessibility and availability of resources, primarily labor. The development of industrial production in the suburbs is also facilitated by lower prices for land plots and buildings, more accessible infrastructure, and larger spaces, among other factors.

In the suburban area of the city of Ternopil, mass industrialization took place in the middle of the 20th century during the economic development of the spaces of Western Ukraine. Some of these enterprises were unable to withstand the intense competition and economic crisis conditions of the 1990s-2000s and ceased their operations. Others were transformed along with new productions, often based on foreign investments, which set modern directions for the development of the industrial sphere of suburban communities of Ternopil.

Many scientific works are devoted to the study of industrial and production development in suburban areas. Traditional studies by authors D. Garro, N. Phelps, R. Keil, and R. Walker [1, 3, 6] examine the trends in the development of the industrial regions in suburbs within the context of their growth and transformation. Among Ukrainian researchers, works on the impact of industrialization on the processes of urbanization and suburbanization in suburban areas by K. Mezentsev, O. Hnatyuk, I. Zakutynska, and I. Kuybida [2, 4, 5, 7], among others, stand out.

The purpose of this publication is to examine the geographical characteristics of modern trends in the development and formation of industry in suburban communities around the city of Ternopil in Ukraine.

Several methods of scientific knowledge were employed in the process of conducting this study. Literary and electronic sources, as well as reference and historical materials, were processed to collect and form an information base. Statistical and reference information was processed using analysis and comparison methods. The visualization of the geospatial organization of industry in suburban communities was carried out using a cartographic method.

The industrialization of the suburban area of the city of Ternopil began in the first half of the 20th century with the start of operation of the sugar factory in the village of

Velyka Berezovytsia in 1937. In the postwar years, this enterprise, along with the workers' settlement, was relocated to the city's territory.

In the middle of the 20th century, together with the region, the active industrialization of the suburban area of Ternopil continued. A large plant, "Budindustria," was built in the village of Velyka Berezovytsia. In the 1970s and 1980s, enterprises such as the Ternopil meat processing plant (located in the village of Ostriv), the Myshkovychi distillery and feed mill, "Ternopilvtormet" (in the town of Velyka Berezovytsia), a household goods factory (in the village of Velyki Birky), and other enterprises were established.

At the beginning of the 21st century, the largest industrial enterprises of the former Ternopil district were "Myshkovychi distillery", "Ternopil poultry farm" (village of Velyki Hai), "Ternopilkombikorm" (village of Myshkovychi), "Miasovita" (village of Draganivka), "Budindustriya" Plant (village of Velyka Berezovitsya), "Arena", "Agropromtekhnik" (village of Plotycha), "Zakhid TM" (village of Stupky), "Ternopilvtormet" (village of Velyki Berezovitsya), "Sim-Sim" (village of Ostriv), "Trading complex "Zakhidny", PE "Ternopilnasinnia" and others. However, not all of the listed plants and factories have survived numerous changes, transformations, reforms, and economic crises.

Industrial enterprises are among the largest employers and contributors to the local budgets of territorial communities in the suburban zone of the city of Ternopil. The vast majority of factories and plants in these communities are located within a 10-kilometer radius of Ternopil. Large enterprises with hundreds of employees and significant capacities are especially drawn to the regional center, primarily due to their interest in sales, logistics, and labor (Fig. 1).

The largest industrial enterprise in the Ternopil suburban zone, in terms of both the number of employees and budget revenues, is the Ukrainian-German LLC SE Bortnetze, located in the village of Baykivtsi, directly on the border with the city. As of 2024, this plant employed about 1,000 workers. Its main products are cable and conductor products for cars of European manufacturers.

In the same village of Baykivtsi, there is also a reasonably large enterprise, "Galit," a manufacturer of dental equipment, which employs more than 100 workers.

In the Velyka Berezovytsia territorial community, the largest industrial enterprises are LLC "Ternopil Meat Plant" (214 employees) and LLC "Myshkovychi Spirit Plant" (150 employees) [8], which are among the most extensive food production facilities in the Ternopil district (Fig. 1). In the Velyki Hai community, the leading production facility is "Ternopil Poultry Plant" with a feed mill in its structure, which employs over 200 workers. Among the smaller manufacturers, "Plotytska Agroprotekhnik" (Plotycha, Bila community) stands out as a leading Ukrainian producer of rubber-rod conveyor belts, rubber-metal products, and rollers. The manufacturer and seller of components for sawmills and woodworking production, LLC "Most-Ukraine", operates in the village of Baykivtsi. In the village of Ostriv of

Velyka Berezovytsia territorial community, a small private enterprise that produces satellite antennas operates.

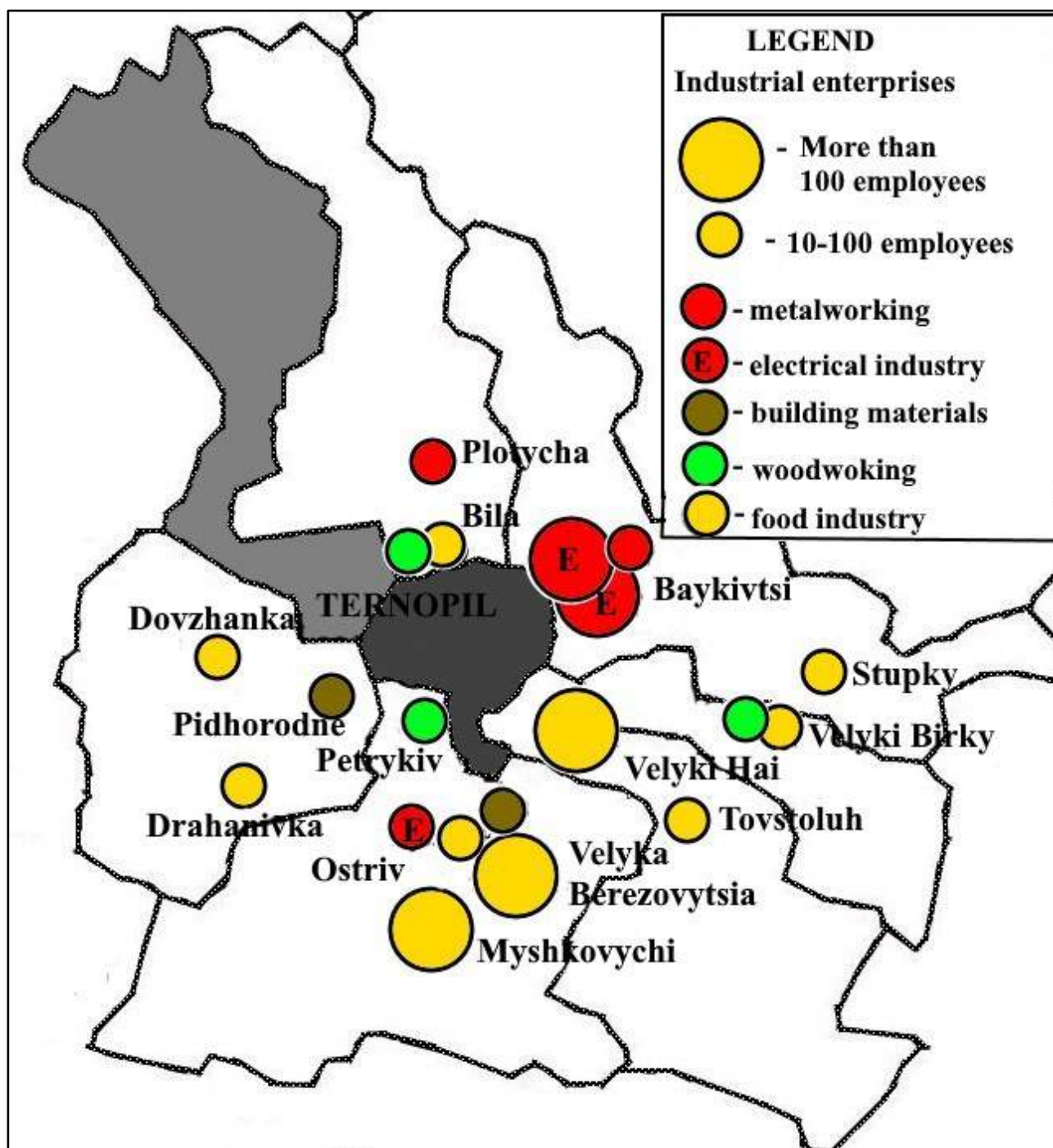


Figure. 1. Industry of Territorial Communities of the Ternopil suburban zone

The most developed industry in the territorial communities of the suburban zone of Ternopil is the food industry. In addition to large enterprises, several smaller ones also operate in Velyka Berezovytsia and Velyki Hai territorial community. The bakery and flour milling sub-industry is represented by bakeries in the village of Velyki Birky (2 such companies), Plotycha, Bila, Cherneliv-Ruskyj, as well as a flour producer in

the village of Myroliubivka (Velyka Berezovytsia territorial community). In the village of Dovzhanka (Pidhorodne territorial community), a manufacturer of corn sticks and food cereals, VTP "Kharchovyk", operates. Other food industry enterprises produce meat and sausage products (joint venture "Myasovita" in the village of Drahanivka), cereals ("Agron" in the village of Tovstoluh, "Babusi Marusi" in the village of Ostriv), frozen vegetables and fruits ("Sim-Sim" in the village of Ostriv), snacks (the village of Stupki of the Baikivtsi territorial community), ice cream and drinking water (the village of Bila). There are also numerous small, often family-owned enterprises in suburban communities near the city of Ternopil.

Several enterprises producing building materials and parts also operate in these communities: "Berezovitskyj Kombinat Budinstriya", "TMB Holding" (located in the village of Velyka Berezovitsia), "MK-Beton" (in the village of Pidhorodne), and LLC "Budmaterialy" (in the village of Stupky). The woodworking industry is represented by the Ternopil Furniture Factory in the village of Bila. Paper products are produced by the enterprises "Shkoliaryk" and "Margo" (village Petrykiv), "Ternopilskyi Papir" (village Velyki Birky).

Most industrial enterprises in the territorial communities of the suburban zone of the city of Ternopil primarily emerged on a new production basis during the time of independent Ukraine. However, factories based on the foundations of the former Soviet industry are still successfully operating and developing (Ternopil Meat Processing Plant, Myshkovychi Distillery, Agropromtehnika in the village of Plotycha).

This study reveals spatial trends in the development of the industrial sector in the suburban communities of the city of Ternopil. Most industrial enterprises and centers are mainly concentrated directly near the border of the regional center. Among them, the food and electrical engineering industries predominate.

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