

field of knowledge. Terminology is an emotionally neutral word that accurately conveys the name of a certain concept that refers to a particular field of science or technology.

Terminology vocabulary can most accurately, clearly and economically transfers certain subject content and ensure a proper understanding and interpretation of the issue.

In an ordinary language, the words are usually polysemantic, having a lot of meanings: table (стіл, дошка, скрижаль, таблиця, то, що подається на стіл, суспільство за столом). Lexical polysemy adds the language flexibility, agility, allows expressing subtle shades of an opinion.

Therefore, the main requirement for the term is monosemy, which is the presence of a unique and forever accepted meaning. However, not all the terms satisfy this requirement even within the same specialization: engine – машина, двигун, паровоз; oil – масло, мастило, нафта. It complicates the work of a translator.

The challenge facing the translator is to accurately convey the author's opinion, maintaining the features of his style only where it is possible.

In order to properly understand the translation, it is necessary to know well the subject matter and related English terminology. Also, be aware of the relevant Ukrainian terminology and proficient Ukrainian literary language.

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## **FUNCTIONAL ZONING (KRYVYI RIH CASE STUDY)**

The theoretical basis of modern trends, prospects and problems of functional zoning. However, the rational use of land resources of the city still should be based on legal principles.

The principles of functional zoning of the city, requiring adaptation of theoretical and legal aspects of zoning as the main managerial

tool of urban land resources rational use.

One of the most important principles of urban land resources structuring is functional zoning of the city. The ideas of urban functionalism have been actively used in practice since the 1930-ies. An important step in the development of these concepts became famous proclamation of "Athens Charter" at the IV Congress of European Architects (CIAM) in 1933. The ideological leader of the creation of this document creation was Le Corbusier.

Functional zoning was the basis of documents - namely of urban sections of the building codes in the USSR in 1960-1980's., they largely impacted national orientation of the spatial organization of cities. Functional zoning is one of the most important components of the general plan of the city, which organizes the spatial arrangement, where each element has a specified spatial function, for which it is used.

Each area differs in placement in a city planning and formed (or expected) type use and construction of urban land development.

Peculiarities of functional zoning of Kryvyi Rih (Saksahanskyi District) are in identifying all appropriate or permissible types of its use and development, their relative spatial location and delineating of zones, regulating planning parameters and standards for land development of each zone.

Each zone is considered from the standpoint of the Rules of achieving functional integrity, as well as economic and social adequacy.

Based on the General Plan of Kryvyi Rih, a thorough analysis was performed and city's zoning was developed.

According to the zoning of Saksaganskyi district it should be noted that the planning structure of the area is formed by 200-richya Kryvogo Rogy avenue and Maleshkina street.

According to the zoning of Kryvyi Rih, it should be mentioned that the city has an extremely high level of anthropogenic impact. The structure contains many enterprises that cause environmental pollution and can be sources of anthropogenic hazards.

To improve the current situation in Kryvyi Rih it is necessary to provide planting areas, primarily on lands belonging to industrial areas and recreation areas.

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## **AUTONOMOUS BUILDING IN URBAN DEVELOPMENT**

Under conditions of electric energy and heat tariffs raise, one of the most pressing issues in construction is to maximize the reduction of operating costs for housing and at the same time increase comfort of buildings. The constant increase of the solar panels efficiency and reduction of their cost; efficient solar heliocollectors and heat pumps; solid fuel boilers and heat recovery units; modern building materials and energy-saving appliances are integral elements of a modern house and of a new approach to the construction of residential and commercial buildings.

Search for a solution to the problem of large power consumption resulted in emergence of such concepts as "passive house" and "active house". The feature of passive house is absence of heating need or low power consumption. In 1996 "Institute of passive house" was established in Germany. Active House is a building that produces more energy than required for its operation and corresponds to the "energy plus" standard. The world's first active house was built in Denmark. It consumes small amount of power and the produced