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«COGNITIVE LAND ECONOMY» AS A WAY OF ACCOMPLISHMENT THE OBJECTIVE LAWS OF LIVING AND NON-LIVING NATURE AND SOCIETY

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The structures of economic production and nature management in the modern backgrounds of the socio-economic system in Ukraine are becoming increasingly subject to the laws of land utilize (use) and its natural resources as natural objects for the benefit of the people. In the outlined conditions, taking into account the factors of external aggression and internal instability, it is necessary to improve the institutional component of the real economic and legal strengthening of Ukrainian statehood while accelerating socio-economic development on a qualitatively new evolutionary basis. The purpose of the study is scientific-theoretical and methodological comprehension of the author's latest idea of "Cognitive Land Economy» and possible «accomplishment» of land reform, not just «completion» of what was not actually and what is contrivedly imposed on society, applying the current provisions of the Fundamental Law of Ukraine, gained practical experience and a systematic approach to solving the problem of the relationship in time between the «subject» of economic space management — human and the «object» of management - economic land space, by painless (for society) correction of mistakes made during the last quarter of a century. A Pyramid-model of the relationship between economic and social factors from the standpoint of a cognitive approach to study them in a fundamental and practical relationship. The author defined this attitude as system-creating to describe the holistic processes of relations in «cognitive economic systems», in particular, land, with the phenomenal property of self-compensation of complexity. The selection of structural, substantial and subjective properties, as well as the links between them allowed the author to establish that the economic land reality is a «cognitive system», which provides an opportunity to complete land reform based on the laws of living and non-living nature and society. Based on the above assumptions and general theoretical and informational ideas and concepts of «cognitive land economy», which operate in socio-economic systems of many levels as formal correlates of the «holistic effect» the author defines the basic systemic land economic principles for establishing the balance «source — form — content» and the coordination and uniformization of information in the economic land space of these as well as economic and legal, and economic management systems to carry out the rule of «common goals».

Keywords: Constitution of Ukraine, Pyramid-model, the land and its natural resources, cognitive land economy, domestic and foreign markets, accomplishment, economy, system, goals, form, content.

INTRODUCTION

The structures of ensuring the livelihood of citizens in the modern socio-economic system in Ukraine are becoming increasingly subject to the rules of land use and its natural resources as natural objects for the benefit of the people, which is also motivated by the constitution. In such conditions, there is a need for scientific, theoretical and methodological understanding of new approaches to the formation of ways to implement practical steps to «accomplish» land reforms throughout the natural resources area, which are natural objects of property of the Ukrainian people. Approaches are not fragmentary, but on such a deep worldview basis, which would be based as much as possible and would use the actions of the already known laws of living and non-living nature and society.

The peculiarity of the space of natural objects is their diversity as well as natural resources, which are classified according to different criteria: belonging to certain components of nature (mineral, climatic, forest, water, etc.); possibility of reproduction in the course of use — on exhaustive (renewable and non-renewable) and inexhaustible, etc. Natural resources include solar energy, atmosphere, hydrosphere, terrestrial vegetation, soil, fauna, landscape, minerals.

Unfortunately, the path of transformation of land relations and nature management was narrowed to the formation of distorted agrarian and business interests of individual entities, which deepened the gap not only between the foundations of such laws, but also the requirements of current Constitution. Therefore, this task is not just a «completion» of what actually

did not happen and what is completely contrived and artificially imposed on society, but it is the task of all citizens to attract full-fledged activity of innovation relations in the domestic economic system, which depends on a huge number of objective and subjective both external and internal factors. In the solution of the problem also takes into account that the objective, cognitive nature have those factors of the internal and external environment, which are due to long-term trends that are not related to the volitional decisions of a particular subject (subjective), the effect of which is direct the consequence of conscious decisions.

To do this, the author has developed a new way to create the basis for such conscious decisions, which are based on the already known laws of living and non-living nature and society in the form of «cognitive land economy».

The method plays the role of a functional organization of conscious, reasonable behavior of citizens: as a subject of cognitive land economy management of comprehensive reform throughout the state, man-citizen continues to be the beginning of everything, because it manages its spiritual state in an effort to explain the world from the standpoint of the subject, the consciousness of which has no clear boundaries, and the decision is based on knowledge and current constitutional norms that are consistent with each other.

The formation of positive motives, both objective and subjective, which are coordinated, interpenetrate and form a balanced system of interests, *is the urgent task* in solving existing problems in implementing an innovative strategy for the development of a sovereign and independent, democratic, social, legal state.

The purpose of research — development of the principles of «cognitive land economy» by taking into account the objective laws of living and non-living nature and society in the process of land reform in Ukraine as a new paradigm in the form of SPATIAL-TEMPORAL SPHERE as part of the future modern socio-economic formation of the country, and as new direction of land economy — «cognitive land economy» (fig. 1).

ANALYSIS OF RECENT RESEARCH AND PUBLICATIONS

Cognitive economy, as the newest socio-economic formation, within which the production, formalization, dissemination and implementation of knowledge, is of great interest to domestic and foreign scientists, in particular Rappoport, Nesser, Axelrod [2], Simon, Gerbertl, Maksymov, Abdikeieiv [4], Ross, Olshanska [6] and other.

Thus, general methodology of cognitive modeling was proposed by **Axelrod R.** It is based on modeling the subjective perceptions of experts about the situation and includes: methodology for structuring the situation; model of knowledge representation in the form of a sign digraph (cognitive map) (F, W), where F — many factors of the situation, W — many causal relationships between the factors of the situation; methods of situation analysis [2].

Markusen A. one of the first who used cognitive concepts in the field of economic theory and in fact one of the first who defined the concept of «Cognitive Economics» [3].

Abdikeieiv N.M., Averkin O. M., Yefriemova N.A. determine that cognitive economics is structurally, methodologically and technologically related to the method of artificial intelligence and knowledge management in economics and includes three main areas: cognitive systems in economics, cognitive management and cognitive technologies in economics [4].

Among domestic scientists, research in the field of cognitive economics to solve economic problems has recently been actively started by **Olshanska O.V.**, developing applied methodological principles for the formation of cognitive economy in Ukraine [5; 6].

Pashkevych M.S., Churikanova E.Yu. from the standpoint of new modern approaches deeply analyzed the historical origin of the concept of cognitive economy and its spread to all spheres of economic activity, including *cognitive regional economy*, problems and prospects for regions and reached to the reasonable conclusion that the Cognitive Principles were quickly applied to the basic economic entities to explain the phenomena of the economy for which they are significant factors [7].

Based, inter alia, on the above research results Tomareva-Patlakhova V.V. developed and proposed for implementation a cognitive model of socio-economic development of regions in the context of decentralization in Ukraine [8].

O.F. Morozov involving the cognitive properties of mathematical theory of categories and functors and modern set theory, established the phenomenological basis for assessing the complexity and relationship of subject-object in the structure of each applied economic sphere and for the first time discovered that in the structure of any economic space in a result of building an effective relationship (in our case, «utilize (use)») of the subject-object in the economic system in the process of its functioning according to the rule of «common goals» there is a positive natural objective phenomenon, which prof. O.F. Morozov called as a «holistic effect» and which is a conse-

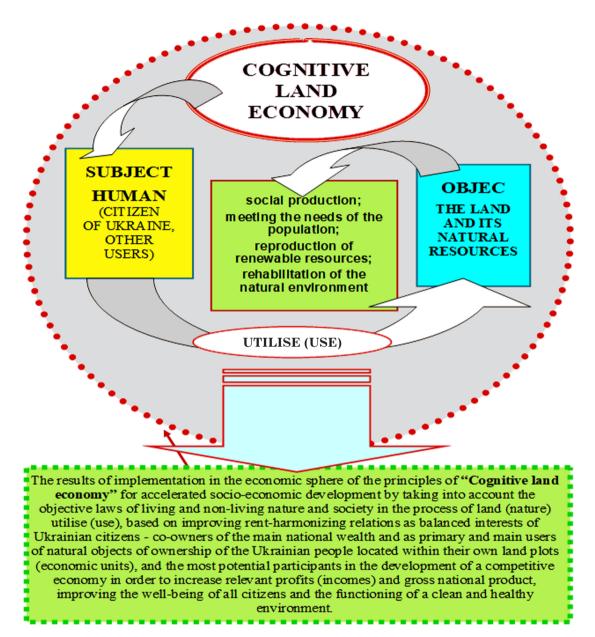


Fig. 1. SPATIAL-TEMPORAL SPHERE of cognitive land economy as a component of the latest-economic formation Source: Oleksandr Kovaliv

quence of understanding and appropriate use of the objective laws of living and non-living nature on the development of society [9: 10].

Such a basis from the standpoint of the balance of interests and the role of man-citizen of a particular state as a co-owner of the land and its natural resources (all natural objects of public law (together — the Ukrainian people — all citizens) and at the same time user of such objects (its parts) within a specific personalized region, which is the object of civil law of an individual citizen (group of people) as subjects of civil rights in the role and in the process of management

(nature management), operating in the cognitive economic management system of Ukraine and lie in the proposed research.

This returns to citizens their role — «subject» as the owner (holder) of the economic space (natural resource) within the state — the role of «subject» as the owner (user) of natural objects (resources) and — the role of «subject» as a manager of natural resources, which declares the current provisions of the Constitution of Ukraine as the rules of direct action... [1].

At the same time, to solve land problems, such directions of research and substantiation of

cognitive ways and mechanisms of formulation of new theoretical and methodological bases of land reform in Ukraine as a new paradigm within the space-time sphere of land economy as the newest socio-economic formation of unitary constitutional state based on a clear delineation of public property rights to natural objects (the land and its natural resources).

They are the absolute and immutable property of the entire Ukrainian people and only the subject of «utilise (use)» within specific limits and in the same process generate unborrowed capital of the nation — from civil property rights to land plots (borders) as objects of civil rights belonging to different subjects of law «property and management» and bring the corresponding profits (income to their owners) — in the scientific economic literature, ie in terms of cognitive approaches, none of these components have been considered.

Moreover, in the land economy of Ukraine, especially in the post-constitutional period of its development and innovative activity, there was no real objective assessment of environmental and economic factors of natural resource space — from the standpoint of the laws of living and nonliving nature and society as the highest interests of constitutional land pragmatism, and were not take into account the most actively influencing (assessment) on it factors, in particular:

- national description, accounting (cadastre) and monitoring of land and its natural resources (natural objects), their properties and values as the main national wealth;
- personification of profits (main motive), due to the use of the land and its natural resources, which are natural objects of someone else's property, between all participants in the formation of the final value (price) of products (owner of natural resources, owner of land plots (boundaries), owner of the means of production, intelligence and abilities of the owner (user), as well as the state-building owner-stimulator (organizer) of expansion by domestic goods (products) of domestic and foreign markets), which determines the need for mutually beneficial social exchange in all types of agreements;
- supply and demand, including in the foreign market, which determine the links between the specific quality and characteristics of competitive products of Ukrainian production and its consumption;
- competition in nature management in the domestic market, especially in the competition for environmental cleanliness and obtaining appropriate ecosystem services as mechanisms by which the form of movement of the market land economy of the state is determined;

• cyclical development, which determines the relationship of business activity with a certain phase of the cycle.

Thus, in the existing legislative field, including land, these requirements have already been partially implemented, as well as the intentions to implement such land policy. In particular, in the field of economic incentives for rational use and protection of land (Articles 205-206 of the Land Code of Ukraine) and compensation for losses of agricultural and forestry production (Articles 207–209 of the Land Code of Ukraine) as a precautionary measure for the owner of such natural objects (resources) — Ukrainian people, which to some extent agrees with our position «completion of land reform», and already partially contribute to the implementation of the declared constitutional norms and try to be sufficient for their administration.

Based on the author's earlier analysis of the state of land reforms, especially agrarian, and the acquired knowledge on the implementation of constitutional requirements for the possible further transformation of land relations and nature management as a holistic system. In it the formation of a balanced economic space is defined by groups of basic interests, mutually agreed ways and methods of their satisfaction. The system regulates and balances the process of remedying the situation, especially in rural areas and in agriculture as the main prerequisites for the accomplishment of a full and comprehensive land reform at this stage.

In the works of the author [12–19] it is concluded that the problems of accomplishment reform in Ukraine, especially in relation to land utilise and its natural resources, remain extremely relevant and require immediate logical solution where and now» by defining the foundations of the economy as a cognitive system (from the Latin cognito — cognition, acquaintance) with the inclusion of components of universal cognition — the ability to consciously link events in time, building an interactive spatio-temporal model of socio-economic events.

MATERIALS AND RESEARCH METHODS

Scientific-theoretical and methodological understanding of the latest idea of the author of «Cognitive Land Economy» and the possible «accomplishment» of land reform (and not just «completion» of that — what was not actually and what is contrivedly imposed on society), applying the current provisions of the Fundamental Law of Ukraine, gained practical experience and a systematic approach to solving the problem of the relationship in time between the «subject» of economic space management — human and

the «object» of management — economic land space by painless (for society) correction of mistakes made during the last quarter of a century, taking into account the phenomenon of «holistic effect» discovered by Professor O.F. Morozov [9] as a phenomenological basis for complexity assessment

The subject-centrism of the economy itself is here and now «... the main cause of the general modern civilizational crisis, while the latter is a consequence of the philosophy of postmodernism, which formed the ultimate and, as the world's economists mistakenly believe, irreversible individualization of society. Such conclusions are based on numerous features, in particular: the long stay of a person in the virtual world, the emergence of the Internet as the quintessence of postmodernism, the creation and development of circumstances in which people no longer need a «collective» way of production and coexistence preferring for the most part an individual attitude to life as an object of temporary stay in this world...» [9; 10].

The urgent task of the current stage of economic theories is to find ways in the higher round of the spiral of civilizational evolution to enable man to return to the role of the subject of management of political and socio-economic development of the country.

Therefore, the most significant properties and connections of natural, economic and social factors are the subject of this study in the «Ukrainian system of land- and nature-use», which is constantly changing by the objective laws of living and non-living nature and society, but also develops on its own laws as a multilevel hierarchical dynamic system. Therefore, economic and social factors from the standpoint of the cognitive approach had to be explored in a practical relationship, as considered, for example, J.A. Schumpeter in his «Theory of Economic Development: Capitalism, Socialism and Democracy» [11], although the nature of this relationship over the past 100 years in each period of socio-economic history in theory and practice, scientists have considered differently.

The materials for formulating the purpose and objectives of research and the results set out later in this article were the fundamental works of the author [12-19].

Methodologically important component of these studies is the manifestation of our systematic interaction of opportunities and interests (relationships), which are consistent with the phenomenon of «holistic effect» discovered by Professor Morozov O.F. as a phenomenological framework applied for the first time to assess the complexity and relevant land economic information, regulating rent-harmonizing relations, tax policy and budgeting methodology, including family budgets. This effect is in fact the basic concept of achieving the goal of radically changing the subject centrism of the economy itself, which is not natural, it is a temporary historical phenomenon that is erroneous and artificial, violating the objective laws of living and non-living nature and society.

In assessing the relevance and urgency of the time and space of implementation of the presented research results, the author also takes into account the reality that since the adoption of the Constitution of Ukraine [1] has not created a legal framework for land relations, which would fully comply with the Basic Of the Law of Ukraine. The basic right of absolute ownership of the Ukrainian people (all citizens) to the land and its natural resources as natural objects — the main national wealth and the main capital of the nation — is completely ignored. Maliciously not accounted for and not taken on the balance of the owner, natural objects (resources) belonging to him.

Due to the lack of official and full interpretation of the provisions of the current land norms of the Constitution and the service of hybrid anti-state ignorance of a number of scientific advisers, the Verkhovna Rada adopted some unconstitutional legislation based on contrived dualism and stratification of our absolute and common property rights on natural objects of the unitary state between bodies of state power and local self-government. Our statement is based on the fact that the legislator, without mentioning the constitutional norms of Art. 13, narrowed the essence of the absolute right of ownership to the impersonal «fundamental national wealth», equating it to the objects of civil rights. Under such conditions, the main national wealth is abstracted «is under special protection of the state».

The instructions of the Vice-President of the NAS of Ukraine, Academician of the NAS of Ukraine Volodymyr Pavlovych Horbulin, which are substantiated in his monograph «How to defeat Russia in the war of the future» [20], call for an urgent way out from this situation, ensuring balanced socio-economic development and defense capabilities of Ukraine in general [20], where required of Ukrainian citizens, scientists and professionals «...for Ukraine, faced with an implacable enemy of the Ukrainian nation»... «...There is only one way out — to bravely take on the function of the architect of his time and make every possible effort to implement such a step» — decisive steps in implementing the results of scientific researches. This means «here

and now», which is also directly related to the purpose of this research.

RESULTS AND DISCUSSIONS

Scientific theoretical and informational ideas and concepts, factors of functioning of the hierarchical dynamic system of reform in the «cognitive land economy», which are defined and operate in socio-economic hierarchical dynamic systems of many levels, as formal correlates of «holistic effect», allowed to create and propose at this article for the first time, a model in the form of a pyramid of cognitive land economy — the socalled Cognitive Pyramid — Oleksander Kovaliv (hereinafter Pyramid-Model) (Fig. 2).

This Pyramid-model serves as a systemforming, as a form of model for describing the holistic processes of relations of elements of structured sets of components in «cognitive economic systems», in particular, land, with the phenomenal property of self-compensation complexity.

The selection in the Pyramid-model of the vector dynamics of the functioning of structural, substantial and subjective properties of land reform accomplishment in Ukraine, as well as holistic ties between them, was first established as a fundamental scientific fact that economic «land» reality objectively is a «cognitive system».

The essence of the processes involved in the functioning of the Pyramid-Model.

In Fig. 2. presents a structural Pyramid-model of functioning of the hierarchical dynamic system of land reform accomplishment, as a new paradigm for the development and growth of complementary public goods for all citizens of Ukraine.

Within the framework of the cognitive land economy in the form of the Pyramid-model of achieving the goal-oriented effect together according to the «rule of common goals» [9] based on the mechanisms and systems of «accomplishment of land reform: a new paradigm» and all the factors represented on it [12; 19], take into account the formation of common directions (vectors) of their action in accordance with already known laws of living and non-living nature and society.

The central result obtained with the accomplishment of land reform, as a holistic effect according to the rule of common goals of such accomplishment and is determined by the resulting vector of the total action of the parameters of the hierarchical system model in the form of a Pyramid model (Mark 10, Fig.2.) and this is a dynamically formed in space and time world level of comfortable life of a person-citizen, his family, household and community, in the process of which (vital activity) provides rational landand nature — management and environmental

protection. For this purpose, also, according to cognitive modeling [2], within the land economy the conditions and parameters of reforming all existing state institutions on land and its natural resources are determined and in the process of compensation of complexity on their basis a modern hierarchical dynamic system is created—the National non-departmental land institution as a constitutionally independent institution of property of the Ukrainian people (all citizens of Ukraine) like the National Bank of Ukraine and as a central factor of comprehensiveness and unambiguity of the national regulatory land policy in relation to national interests (Mark 1, Fig. 2).

The basic requirement of the legal functioning of the Pyramid-Model (Mark 2, Fig. 2) was the delimitation of the rights of «land ownership» into two types — «the land and its natural resources» as objects of ownership of the entire Ukrainian people and «the land plot» as an object of civil rights (real estate), which will ensure the delimitation of rights and responsibilities for land- and nature-utilise, responsibility for their rational use and protection, as well as the relevant profits (income) as the main tools for the implementation of environmental and economic interests in the process of land reform. At the same time, the most important functional interdependence as a prerequisite and requirement for the acquisition and realization of land plot (boundary) ownership is that the value (size) of the share of profit (income) $I(R_H)$, due to the use of natural objects — can not be less than the value (size) of the relevant share of II (R_{π}) for land plot (boundary) ownership — in all variants of commercial nature utilise, — without exception, and this is — the kind of controlling stake «for property».

The Pyramid-model (Marks 3, 4, 5, Fig. 2) identifies and substantiates the actions of the following main institutionally functioning factors: regulation of land and other relations in terms of realization of national interests and ensuring balanced sharply growing innovation and intellectual activity of Ukrainian citizens; free development of private initiative and entrepreneurship, forming permanently functioning subjects of property and management; stimulating the production and sale of domestic products and goods in domestic and foreign markets, providing favorable credit and financial conditions only for participants in the implementation of the model of a new paradigm of land reform in Ukraine.

A prerequisite for guaranteeing the safety of citizens and their activities and property rights (Mark 6, Fig. 2) is not only the full transfer to the places of all powers inherent to local self-government (within and outside settlements), —

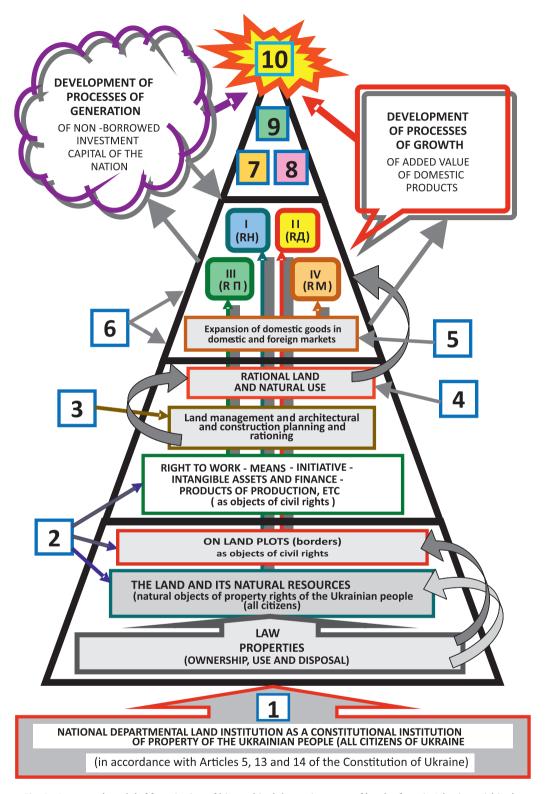


Fig. 2. Structural model of functioning of hierarchical dynamic system of land reform in Ukraine within the framework of cognitive land economy: 1 – Extrajudicial functioning of the national land institution of the constitutionally motivated national institution; 2 – institutionalization of state regulation of land and other relations in terms of national interests and growth of innovation rent; 3 – ensuring the formation and functioning of sustainable subjects of ownership and management; 4 – free development of private initiative and entrepreneurship; 5 – stimulating the production and sale of domestic products with highadded value; 6 – guarantees of citizens security and their activities and property rights 7 – State budget of Ukraine; 8 – Local budgets of communities; 9 – Family budgets of citizens of Ukraine; 10- formation of comfortable space and living conditions in a clean and healthy environment of all citizens of Ukraine (Pyramid of cognitive land economy – the so-colled «Cognitive Pyramid – Oleksander Kovaliv)

 ${\it Source}: {\it author\ Oleksander\ Kovaliv}$

but also synchronous and simultaneous strengthening of national functions for the practical implementation of the constitutional right of ownership of the Ukrainian people «to the land and its natural resources», ensuring the rights and responsibilities of every citizen of Ukraine, regardless of where he lives and to which community he belongs. After all, the main functions regarding these two mutual components of statehood and nature management in Ukraine must transparently belong exclusively to national values and cannot be delegated or «decentralized» to anyone.

The superstructure in the Pyramid-model contains blocks for determining the ways of guaranteed receipt of the main rent-harmonizing profits (incomes) in the form of providing four interests (Marks: I (R_H), II (R_I), III (R_{II}), IV (R_M) , Fig. 2), related to the implementation of rational land- and nature- utilise, namely for: I (R_H) — the right to national ownership (natural properties of land); II (R_{II}) — ownership of land plot as real estate; III (R_{II}) — additionally invested work (intellect) and means (for economic attitude to the land); IV (R_M) — monopoly (regulatory) activities (stimulating production and sales, including exports).

A special figure of the Model Pyramid is figure I ($R_{\rm H}$), which represents the generated unborrowed investment capital of the nation, which should not be spend Unfortunately, this is now done through the budget policy of public authorities and local governments.

Figure I ($R_{\rm H}$) is at the heart of the functioning of a non-departmental National Land Institution (like the National Bank of Ukraine) as the holder of the land and its natural resources — the fundamnetal national wealth and operator of cash flows to it (institution) and transparent and projected expenditures through its «Budget» and «Rent Bank».

The proposed Pyramid-model provides approaches to the formation (Mark 7, 8, 9, Fig. 2,) of a balanced process of solvent family budgets, primarily participants in private initiative and entrepreneurship and budgets of basic level communities (voluntary associations of common interests), who take an active part in the implementation (modeling) of the new paradigm of land reform in the relevant territories and the State Budget.

Thus, the positive holistic effect of the implementation of "here and now" actions according to the Pyramid-model of land reform accomplishment is to obtain positive results of the development of Ukraine: firstly, as generating the nation's unborrowed investment capital; secondly, as an increase in the value added of

domestic products and as a consequence — an increase in national net income.

According to the Pyramid Model, this is achieved by defining in it the main tool of land reform accomplishment as a new paradigm, widespread state land management and architectural and construction planning, forecasting and regulation within the national requirements as the interests of the Ukrainian people, in specific living conditions of communities (in terms of territories of basic level councils (joint interests) and ecosystems of elementary watersheds and small river basins) with the direct participation of local governments and monitoring — by civil society institutions.

In addition to the outlined components of the structural Pyramid-model of functioning of the hierarchical dynamic system, it requires the unappealable functioning of mandatory implementation with institutionally and realistically defined constitutional requirements and tasks as functioning factors by all land and nature users and consumers of environmental components and the obligatory condition of inevitability of responsibility for non-compliance with constitutional norms and for non-fulfillment of tasks in the process of land reform accomplishment in Ukraine as a new paradigm within the cognitive land economy.

An integral part of the effective implementation of all reform measures is the widespread and comprehensive information and promotion of the goals and steps of the Pyramid Model as a conscious and moral basis in the activities of nature users of all spheres of production and society of Ukraine. To do this, the essence of the new paradigm accomplishment of land reform in Ukraine is replicated — through the «cognitive land economy», particulary, in the Ukrainian magazine «Economist» [21].

CONCLUSIONS

Based on the above assumptions and general theoretical and informational results, ideas and concepts of "cognitive land economy" operating in socio-economic hierarchical dynamic systems of many levels, the formal correlates of the "holistic effect" are defined by the author as basic systemic land economic principles of the Pyramid-model for implementation of ways to establish a balance "source — form — content" in the implementation of the rule of "common goals" of coordination and uniformity of information in the economic land space and the land space and its natural resources of such cognitive hierarchical dynamic systems.

In this case, *economic and social factors* in the developed Pyramid — model are *considered*

in close connection from the standpoint of the cog*nitive approach*. This creates perfect conditions for transparent and balanced operation of various combinations of property rights: possession, utilise (use) and disposal of various objects and subjects (like the Greco-Latin square, or other systems).

For example, owning a tractor or a plot of land, you can not use them. Or, when using someone else's property or object without having the right of ownership, it is impossible to dispose of it. But, applying your own work (mental, physical) you can be the owner of such a product and dispose of it as your own, or — no. There can be many such variants and they require unnatural relationships.

Therefore, the implementation of the principles of the Pyramid-model of «cognitive land economy», developed on the basis of objective laws of living and non-living nature and society,

is possible and urgently needed, in particular, in agriculture, forestry, water management (fishing) and other areas of production.

The results of research indicate unique options for reform accomplishment, when one person (citizen of Ukraine) simultaneously acts as a coowner of the land and its natural resources (object of ownership of the entire Ukrainian people), the owner of land plot as an object of real estate, the owner of the applied labor (mental and physical) and private initiative, the owner of products and products produced by him, including innovative and intellectual, the owner of tools, means and objects involved in vital activity on the relevant territory of himself (citizen) and his family, and also as a full member of the community.

This will ensure an «explosive leap» in the development of land utilise conditions and the rapid growth of complementary public goods for all citizens of Ukraine at the state level.

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«КОГНІТИВНА ЗЕМЕЛЬНА ЕКОНОМІКА» ЯК СПОСІБ ЗВЕРШЕННЯ ДІЇ ОБ'ЄКТИВНИХ ЗАКОНІВ ЖИВОЇ І НЕЖИВОЇ ПРИРОДИ ТА СУСПІЛЬСТВА

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Структури економічного виробництва і природокористування в сучасних лаштунках соціально-економічного устрою в Україні стають усе більше підпорядкованими законам користування землею та її природними багатствами як природним об'єктами на благо народу. В окреслених умовах, враховуючи чинники зовнішньої агресії та внутрішньої нестабільності, вимагається вдосконалення інституційної складової щодо реального економіко-правового укріплення української державності з одночасним прискоренням соціально-економічного розвитку на якісно новій еволюиійній основі. Метою дослідження є науково-теоретичне та методологічне осмислення новітньої ідеї автора «Когнітивної земельної економіки» та можливого «звершення» земельної реформи, (а не просто «завершення» того, чого фактично не було й що надумано нав'язується суспільству), застосовуючи чинні норми Конституції України, набутий практичний досвід і системний підхід до вирішення проблеми взаємовідносин у часі між «суб'єктом» управління економічним простором — людиною та «об'єктом» иправління — економічним земельним простором шляхом безболісного (для суспільства) виправлення помилок, допущених упродовж останньої чверті століття. Автором вперше створена піраміда-модель відношення економічних і соціальних факторів із позиції когнітивного підходу для дослідження їх у фундаментальному і практичному взаємозв'язку. Таке відношення автор визначив як системотворче для опису холістичних процесів відносин у «когнітивних економічних системах», особливо земельних, із феноменальною властивістю самокомпенсації складності. Виділення структурних, субстанціальних і суб'єктних властивостей, а також зав'язків між ними дозволило автору встановити, що економічна земельна реальність ϵ «когнітивною системою», яка забезпечує можливість звершення земельної реформи на основі дії законів живої і неживої природи та суспільства. Виходячи з викладених припущень і загальних теоретико-інформаційних уявлень та понять «когнітивної земельної економіки», які діють у соціально-економічних системах багатьох рівнів як формальні кореляти «цілеспільного ефекту», автором визначені базисні системні земельні економічні засади для встановлення балансу «джерело — форма — зміст» та здійснення координатизації й уніформізації інформації в економічному

земельному просторі та просторі її земельних ресурсів як природних об'єктів, а також економіко-правового й господарського менеджменту иих систем за правилом «спільних иілей».

Ключові слова: Конституція України, піраміда-модель, земля та її природні ресурси, когнітивна земельна економіка, внутрішні і зовнішні ринки, звершення, економіка, система, цілі, форма, зміст.

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