

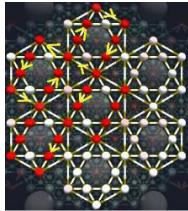
## **22.COHERENCE OF CIRCULATING INFORMATION AND INFORMATIONAL STRUCTURE OF NODES RELATED TO FUNCTIONALITIES**

The functional structure of the network of sustainable or metabolic hexagons required to configure the network of professionals on several levels of granulation, depends on the circulating information as much as on the informational structure of the nodes.

Circulating information may be accidental. In this case the structure of the nodes will accept its analysis according to the key patterns it can recognize. If the information has been accepted by the structure of the nodes, it will be processed through the complex horizontal connection device inside each fractolon (sustainable or metabolic hexagon). This configures the node structure on several levels of complexity. In case the information is not compatible with the node structure, it will be transmitted further on the functional vectors to the specialized structures on the layer that received the information, or through wells to other layers with a different granulation level.

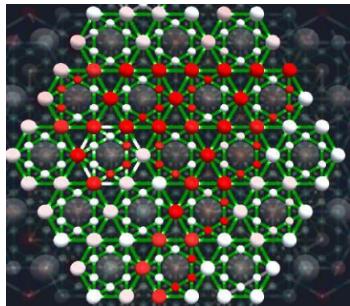
Each layer will generate specific functionalities in processing information and completing the databases in the fractolons that configure the nodes. For example on level 2, given the structure of sustainable hexagons connected to nodes, which can be further fractalized, we will have both the possibility to refine the information received by fractalizing the level starting from the initial fractolon, and also the possibility of internal processing through the fractolon specific analysis mechanisms from this node.

Also the level 2 that can be fractalized has the possibility to send on the functional vectors of the already processed information entering the circuit of circulating information, with the informational structure recognizable by the nodes where there are areas of interest that have been populated with specialist structures.



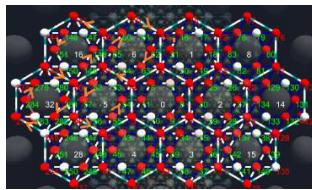
The transition to level 3, with metabolic fractolons connected on the tips, is made naturally, these fractolons being substructures of the sustainable fractolons connected on the tips. However, being another level of granulation, the metabolic fractolons of relation between the central metabolic fractolons from the sustainable hexagons will also appear.

This structure also offers vectors of direct informational transmission simultaneously with those on the network of sustainable fractolons connected at the tips. This leads to the possibility of simultaneous filtering and transmission of correct and specialized information, blocking of false information, or the global information action needed to manage crisis situations and resolve them through the common effort of the network.

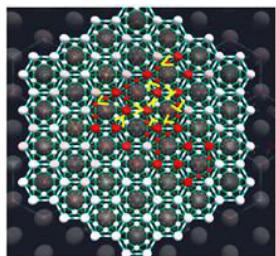


Level 1 metabolizes the information provided by the sustainable network connected on all sides. This metabolism is done by transmitting from close to close the osmotic type of information. The phenomenon is present in the case of village-type cultures, or institutional type of government or corporate-type cultures. Information components from the circulating information from level 1 can pass through the transfer wells to level 2 when the vectors from the same direction will have opposite directions on the two levels. In this case, an

informational pressure will be created that will allow the regulation of decisions in relation to the needs and problems of the social or environmental system. This mechanism is sensitive to abuses and will contribute to maintaining the overall systemic balance in terms of sustainability.



Level 4 processes metabolic information with fractolons connected to the edges. This level contributes directly to the metabolic management of information resources, without wasting or toxic accumulation of false or non-productive information.



The next four-levels package will also have specific roles that refine the first package and lead to other data structures that can be processed and transmitted to the network of professionals. The four initial levels can also be recognized in the functional structures of living organisms: level 1 ensures the flow of reflex information that is managed by various formations that regulate the processes from metabolism to behaviors.

Level 2 ensures consistency of information that can be transmitted quickly to effectors. The two levels with sustainable fractolons are present in neuronal structures.

The metabolic level 3 ensures through the hormones the rapid transmission of the needs of the body and conditions the organic reflexes from the cellular biorhythms to the metabolic ones or to the evacuation or food. Level 3 ensures the fine metabolic regulation of the supply of food and energy to the body, with the help of circulatory systems

The metabolic level 4 connected on the edges ensures the fine mechanisms of self-control and internal memory of the processes that allow the metabolization of information with the maintenance of functional balances. For example, it ensures the collaboration between the cells of the body and the symbiotic microbiome with the body.

For each level of functionality there are mechanisms for selecting the circulating information and using the components necessary to ensure the specific or general functionalities. From the mechanisms of the cell membrane to the ionic level and to the mechanisms on the synaptic receptors that process the packets of transmitting neurohormones, or finally to the cerebral mechanisms for recognizing the behavioral patterns, we will find the 4 functionalities described above.

Analyzing the details of the construction of the information universe can make us aware of realities previously inaccessible on linear logic. We can find out and understand in this way long enough that we can recalibrate our thinking and behavior towards nature and towards ourselves. We can get out of blind selfishness and understand the value of cooperation, giving up competition for the last available resources and intelligently restoring planetary balance.