

Presentation **Universal Trends of Evolution in form of USE<sup>1</sup> and USESoft<sup>2</sup>** in short form presents the process of USE and USESoft development and fields of their use (or what is the same – description the detailed evolution) in technology, industry, business, society, science, etc. USE works as if it knows in advance evolution of any system. Because of that USE could be named the model of the world, and the entire USE-USESoft approach could be seen as theoretical base for Artificial Intelligence system. In my humble opinion, the citations below describe USE-USESoft approach...

*“One of the principal objects of theoretical research in any department of knowledge is to find the point of view from which the subject appears in its greatest simplicity.”*

J. Willard Gibbs<sup>3</sup>

*Is evolution a theory, a system or a hypothesis? It is much more: it is a general condition to which all theories, all hypotheses, all systems must bow and which they must satisfy henceforward if they are to be thinkable and true. Evolution is a light illuminating all facts, a curve that all lines must follow.*

Teilhard de Chardin<sup>4</sup>

*... the emerging transdisciplinary unified theory will describe the various phases and facets of the evolutionary process with invariant general laws. The laws will enable investigators to describe the behavior and evolution of quanta, and of the atoms, molecules, cells, organisms, and systems of organisms that evolve from quanta, in reference to a self-consistent, mathematically formulated and transdisciplinary unified scheme.*

Laszlo, Ervin.<sup>5</sup>

Really, USE-USESoft approach entirely fits to characteristics from:

- W. Gibbs – in USE’s form a knowledge about any object appears in its greatest simplicity;
- T. de Chardin – USE is the logical and rigid structure of directions and phases of natural evolution for hypotheses, theories, in one word – for science, or even more – for any systems.
- E. Laszlo – USE was really developed on the base of invariant general laws, which enable to describe evolution of quanta, atoms, molecules, cells, organisms, and systems of organisms. So, it could be concluded that USE is really self-consistent and transdisciplinary unified scheme.

USE-USESoft approach appeared more fruitful that it seemed in the beginning. It continues to surprise even today...

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<sup>1</sup> USE – Universal scheme of evolution

<sup>2</sup> USESoft - Software on the base of Universal scheme of evolution

<sup>3</sup> From Gibbs's letter accepting the Rumford Medal (1881). Quoted in A. L. Mackay, Dictionary of Scientific Quotations (London, 1994), [http://en.wikiquote.org/wiki/Josiah\\_Willard\\_Gibbs](http://en.wikiquote.org/wiki/Josiah_Willard_Gibbs)

<sup>4</sup> The Phenomenon of Man, p. 219, [https://archive.org/stream/ThePhenomenonOfMan/phenomenon-of-man-pierre-teilhard-de-chardin\\_djvu.txt](https://archive.org/stream/ThePhenomenonOfMan/phenomenon-of-man-pierre-teilhard-de-chardin_djvu.txt)

<sup>5</sup> The Interconnected Universe: Conceptual Foundations of Transdisciplinary Unified Theory. (V) Problems and Prospects of Transdisciplinary Unified Theory, p. 141