

**Statement of Professor Efim Malitikov,
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The process of mental changes is the hardest and the longest one during our life. Despite the tendencies and aspiration of people to set and reshape borders, humankind is remaining to be an integrated organism of the planet.

Today, the classroom system of education (or rather system of teaching) has depleted its resources and become nonproductive in our information age, because its output does not meet the requirements of processes of global governance.

It is time to liberate our mind from world-view stereotypes and standard arguments.

As it was noted by the prominent Russian scientist Vladimir Vernadsky, humankind is an absolutely unique variety of natural resources, having very specific nature of its energy renewing through knowledge!

However, there is a digital divide with a billion of absolutely illiterate persons, who cannot read or write, as well as a 5-billion civilization lagging behind necessary modern knowledge.

It is illiteracy and as a consequence lack of competitiveness that resulted in fact that more than 2 billion of people lives on less than US\$1 a day and more than 3 billion of people (more that a half of the population of our planet) on US\$2 a day.

It is impossible to overcome this digital divide with the current system of education.

Many people rely on the Internet, though...

The poorest billion of people on the Earth is living in place where the Internet is too expensive (for instance, in Africa) or simply could not be accessed due to the specifics of landscape or harsh environmental conditions. These are the mountainous and Polar Regions, as well as the Far North.

Today, billions of people don't have access to education. Billions of people can not compete, have job, and participate adequately in technological progress and cultural life. And therefore their life is accompanied by poverty and destitution.

This is the source of reserve for drug mafia, criminal structures, organized crime families and terrorism...

But there is real global potential of satellite communications being at disposal of humankind, which under mass use are hundred times cheaper that the cable Internet.

The problem of equal access to education could be applied to dozens of millions of people, serving a term of imprisonment, to all the elder persons of the

planet and other categories of people. All of them are negative balance and heavy burden of the world economy, but in case of equal access to education it becomes a positive balance.

The only thing to cope with this task is the system of education having up-to-date means of knowledge delivery to consumer on the basis of modern satellite communications.

Today, an important role is also played by output of higher school, university, college, faculty, department, professor or ordinary teacher.

“Knowledge for export!” – we put forward this new theory of success, its social and economic component.

Modern professor needs not a 40-seat auditorium, not a classroom, but a half-million army of students. Moreover, among 60 million of teachers there is a deficit of 15 million. Digital divide will become even large with such a teacher correlation with planetary ballast of illiteracy.

When the number of the illiterate people with lack of competitiveness reaches critical mass, they could bury not only composure, but also Sustainable Development of Humankind.

Planetary values are changing constantly. Export of knowledge and education is becoming serious business, while intellectual property is turning into the most expensive and profitable type of property.

Interstate Committee of CIS on Knowledge Promotion and Adult Education with International Association “Znanie” has modern educational base structure. It is academy, university and institute which are at the same time institution of higher education, largest television company and an e-library, excelling the Library of the United States Congress by volume.

It has own space teleport covering more than 400 cities in 14 countries.

2500 professors are teaching 175.000 students on 68 professions.

- It is among the three largest universities of the world.
- Financial aspect of education of 175.000 students using satellite technologies is US\$5 per year apiece, while through the Internet is more than US\$500;
- Its virtual auditorium is 4 thousand times larger than standard one;
- Its students from remote indigent villages and mountainous settlements have access to education in Cambridge without expenses incurred by the trip from their village.

Required size of auditorium should be increased in thousands and even more times which is impossible in standard classrooms.

Modern educational content, creatively and technologically adapted to its virtual export and import should be delivered from university TV studios through satellite teleports to any place of the planet on specific demand.

It should be taken into account, that we need diversified and up-to-date knowledge and skills to get and operate worthy job.

Nowadays, there is a 26% worldwide deficit of teachers. At the same time, active 45 million of teachers are hopelessly behind of modern knowledge.

Teachers and their personal knowledge are the product of analogous past.

Digital divide will become an abyss, if a teacher having the most advanced knowledge doesn't have global auditorium and global output to meet the needs of the Society of Free Access to Knowledge.

It is necessary to use modern technologies of knowledge dissemination that humankind already has. Their output is many times larger than methods of knowledge transfer from person to person. Personal conversation of teacher with student known as teaching is an impermissible luxury.

Knowledge is not spread on the planet as even layer on bread. We need modern space distributor – a teleport – real World University, which will do that work for the Humanity.

Technically, legally and already actually the work of the World University began due to the efforts of the Commonwealth of Independent States. However, diverse views, rigid national policies and imperfect international mechanisms are lowering its effectiveness by personal interests.

At the same time, the young generation has been passing borders of civilized countries through virtual space for a long time.

We should be open to innovations and innovators without bureaucratic barriers.

We need innovative changes at mental level of all of us.

In the face of destructive role of growing unemployment, poverty, destitution and poorly managed migration we have to change instruments of development and management if we don't want to meet even worse problems and crises.

I am stating once and once again: mass education of people is necessary and minimally and primarily based on teaching and then on giving them possibility of studying by interests and abilities.

I am representing an oldest nongovernmental organization – International Association “Znanie”, having consultative status with UNIDO, general consultative status with the UN ECOSOC and consultative status with the UN Department of Public Information (DPI).

Our organization has been devoting itself to education for about 60 years: 4.5 millions of our members gave more than 25 millions of lectures a year. At that time it was enough.

During the last 10 years, we accumulated experience and technological strength, mastered new technologies, created largest in the world satellite educational centers in Moscow, regions of Russia, the CIS and a number of other countries, including hard-to-reach, mountain and remote north areas.

Renewal of knowledge happens at a speed exceeding many times traditional classroom educational technologies.

Twenty percent of currently used knowledge is renewing annually. And bankruptcy in profession could come in 5-6 years.

Today it is not enough to be the graduate of Oxford, Cambridge or Stanford. It is absolutely insufficient for teaching at an university department to be a Nobel laureate. For this purpose, a talent of a popular exponent of the latest civilization

achievements in miscellaneous fields of knowledge, supported by effective technologies of dissemination, is needed.

People have to move and interact in this world constantly like communicating vessels.

Knowledge is an energy environment of civilization, which is “split” among a great number of universities, educational and scientific centers

We need the joint center of knowledge dissemination – the World University – but joint not by the name, joint effectively. It should accumulate global scientific potential.

We need global actions in education, since the problems themselves are global per se and by nature.

Priorities of teaching should be changed by priorities of studying with undoubtedly important role of teachers of very high qualification and having up-to-date knowledge. Such teachers are needed by global auditorium and astronautics should bother about technical increase of their global output.

It can't be done without space telecommunications. Modern universities and educational center should create and have own space teleports for exchange of mutually accepted and best contents.

We need export and import of knowledge through joint distributing teleport.

The role of education in Sustainable Development of Humankind was not appreciated enough and it is has not been revised for many years. It is appropriate to quote Harvard University president Derek Bok: “If you think education is expensive, try ignorance”.

Traditional classroom system of education is based on formula “Education for all life”, that was enough in the times when knowledge used to renew once in 30 years. Nowadays, life requires other formulation: “Education through all life”.

This should become a priority of state policy, an essential part of laws and constitutions, and then – mental aim of human civilization. Introduction of this formula in all efforts of states is necessary to solve existing problems.