SCIENCE AND EDUCATION - THE FOUNDATION FOR SUCCESSFUL DEVELOPMENT OF MODERN AGRIBUSINESS

UKRAINIAN AGRARIAN CONFEDERATION

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World tendencies: GDP vs. Educational expenditures

**NOTICE:** The higher the level of expenditures per student – the higher the GDP per capita.

Source: OECD, 2010
There is a significant misbalance between the population growth rate (increasing tendencies) and amount of arable lands (decreasing tendencies).

Source: FAO
World tendencies: arable land and population…

NOTICE: significant changes in world population, productivity figures, land usage…

In Ukraine 1 hectare per 1,4 person

Today Ukraine stands on leading positions as a world “agro-market” and “feed-basket”
Education is an important investment in building human capital that is a driver for:

- Technological innovation
- Economic growth
- Country’s prosperity
- Higher standards of living
- Solving global problems
- Competitiveness of the economy on global markets
- Social responsibility efforts
- High level of technological, economic, social, ecological efficiency
- Powerful heritage
What are the tendencies influencing Education…

- the globalization of education through technology
- information access and sharing
- expansion of education (online education) and adaptive educational programs
- collaborative research projects and student exchanges
- competitive pressure on labor market (professional and personal skills and abilities)
- responsibilities are changing within the workplace
- international flows…of students, workforce, investments, capital
What are the requirements...

- High level of professional competency and entrepreneurship skills
- Psychological readiness and "adaptive stability"
- Willingness to study during the whole life cycle
- High level of corporate culture, readiness to competitive environment
- Riskiness, self-discipline, initiative, high level of responsibility...
- Non-traditional (creative) thinking – to look not AT, but THROUGH processes
What to do to keep pace with those trends...

I SET of QUESTIONS:
✓ Public-private partnership of education model
✓ Joint-venture scientific centers
✓ The necessity of specialists is formed based on market mechanisms
✓ Joint efforts of government-science-business structures
✓ Long-term financing of joint scientific researches, other projects

II SET of QUESTIONS:
✓ Maintaining international partnerships
✓ The developed system of “internal” internships (business forms the need - university responses - government maintains)
✓ Implementation of IT-technologies in the educational process
✓ Blurring of boundaries between formal and informal education (means training centers, scientific laboratories, coaching, online education)
III SET of QUESTIONS:

- Changing teachers for a changing world (from the role of speaker to the role of guide)
- Changing the standards in human mentality – the compulsory level is higher educational establishment NOT school
- Target support of the most talented and motivated students
- Decrease the amount of “vacuum” universities – compulsory business practice for professor-staff

- Adaptive educational programs
- Academic and financial autonomy of higher educational establishments
- Updated educational programs according to the business requests (social entrepreneurship, business responsibility, management of social, business projects etc.)
- Universities in the submission of relevant state agencies
“Internationalization remains academically relevant in an interconnected world that is becoming increasingly global”

Thank you for your kind attention!
P.S. “EDUCATION IS THE MOST POWERFUL WEAPON WHICH YOU CAN USE TO CHANGE THE WORLD”

NELSON MANDELA

SO, JUST GO AHEAD!