

The New Paradigm for Education: From Accredited Qualification to Certified Skills

INTELLECT: Centre for Excellence in Internet Technologies and Innovation, Library Sciences and Cultural Heritage

Prof. Dsc. Stoyan Denchev

Rector of the State University of Library Studies and Information Technologies
Sofia, Bulgaria

The EU Framework Programme for Research and Innovation - Horizon 2020 oriented at development of the education and science in the European Union aims at building capacities and developing innovative ways of connecting science to society, rising the criteria and mechanisms for increasing the role of Europe in the world competitiveness environment to a qualitatively new level.

The responsible governing institutions and factors in EU came to the conclusion that eventually, they have to follow the recommendations, the years of experience and the best practices of UNESCO in the field of education and science.

At this year's UNESCO Global Education and Skills Forum in Dubai (March 15 – March 17, 2014) was formulated a new key goal, a key goal qualitatively changing the world educational paradigm.

This paradigm could be synthesized in the following sentence: One of the possibilities for realization of the global educational objective is the establishment of technological scientific parks ensuring the connection between education, science and business, providing the right environment for implementation of the strategic educational priorities and the financial support for innovative projects.

Such project in the INTELLECT: Centre for Excellence in Internet Technologies and Innovation, library Sciences and Cultural Heritage Project. The overall objective of the project INTELLECT: Centre of Excellence in Internet Technologies and Innovation, Library Sciences and Cultural Heritage, is to establish a new CoE and to position it as a strong research and innovation hub at national, European and international level. Special attention will be paid on the area of Future Internet and Web which has transformational impact on society and all industries and provides enormous opportunities for economic growth. The proposal provides a long term vision and strategy and a clear Action Plan for capacity building and further growth of CoE. It aims to qualify as an Associated Partner of the EITICT Lab for South-Eastern Europe and Balkans. CoE will cooperate with many regional, national and international partners and stakeholders, including citizens. The project also aims at strongly contributing for the successful implementation of the Horizon

2020 Strategy and national RIS3. In addition, the CoE aims at building regional research and innovation capacity in order to firmly support Sofia Municipality in its efforts for development of Sofia as a Smart City and for successful implementation of the project of Sofia and South-West Region for a European Capital of Culture 2019. The CoE will be built as a result of the joint efforts of Sofia Development Association; State University of Library Studies and IT; Center for Technology & Innovation Management at UniBW, Munich (DE) and at the Leiden University (NL), ICT Cluster (BG) and Cluster Innovation and Culture (BG). Munich is considered as the Digital Entrepreneurship Capital of Europe according to the EIPE Composite Indicator.

The models of Knowledge Triangle, Triple Helix, Quadruple Helix, Quintuple Helix, Entrepreneurial University, Global Campus and others are used. The main deliverables of the project will be: Business Plan, Business Model, Data Management Plan, Action Plan, Institutional Building Processes and Procedures, INTELLECT Portal (Virtual Organization). Along with the State University of Library Studies and Information Technologies, basic partners/players in this project are: Sofia Development Association (SDA), Centre of Technology and Innovation Management GMBH (CeTIM). ICT Cluster (ICTC), Cluster Innovation and Culture (CIC).

Keywords: Education, Accredited Qualification, Certified Skills, Center of Excellence, Information Technologies, Informing Science, Library Sciences, Future Internet, Internet of Everything