

## Abstract 33

### RESEARCH ON THE CONSTRUCTION OF ECOSYSTEM OF ENTREPRENEURSHIP EDUCATION FROM THE KNOWLEDGE PRODUCTION MODE 3 PERSPECTIVE

Academic paper

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Abstract text:

As the economy and social development, the entrepreneurial universities are now acting as the leading engine of innovation, in replacement of government and industry, especially in developing countries. Knowledge Production Mode 3 and Quintuple Helix Model make entrepreneurial universities play the key role of innovation and entrepreneurship, including entrepreneurship education, locally and globally. It is harmoniously synchronized with innovation, economic and social development, and synchronized with the times.

In this paper, we expanded Triple Helix Model to Quintuple Helix Model with embedding “society” and “environment” in, created a new entrepreneurship education ecosystem, which demonstrates how “universities, government, industry, society, and environment”, working together and forming up an interactively, dynamically modern education ecosystem. In the ecosystem, surrounding entrepreneur and/or entrepreneurial learners, every factor plays multi-roles: universities play the role of educator, guide, producer and decomposer; government is policy maker and supporter; industry acts as incubator, capitalist, producer and consumer; society play the role of evaluator and supervisor; environment refer to various natural environments.

The features of Knowledge Production Mode 3: pluralism and diversity, co-existence and co-evolution, and mutual cross-learning of different knowledge and innovation modes; encouragement of interdisciplinary thinking and transdisciplinary application: hybrid thinking in reference to different systems and acting in different systems; Hybrid combination and/or use of different technologies; combination of Mode 1 and Mode 2, combination and/or alternative analytical use of Triple Helix, Quadruple Helix and Quintuple Helix. Therefore, Mode 3 explains why there is the new entrepreneurship education ecosystem and how it comes true. The ecosystem best reflects the features of Mode 3.

We initiated the entrepreneur and/or entrepreneurial learner as an independent factor in the ecosystem, which is normally affiliated to universities in the previous study on entrepreneurship education. Because entrepreneurship education is totally different from traditional higher education, nowadays entrepreneur and entrepreneurial learners play not only consumers, but also producers and decomposers.

In conclusion, the Mode 3 based entrepreneurship education ecosystem is the inevitable development of the times, it best interprets the systematization, ecologicalization of entrepreneurship education. Entrepreneurship education ecosystem generates innovation, entrepreneurs, entrepreneurship, leadership, accountability and civilization, it also generates enterprises, project, employment, tax and fund. It is harmoniously synchronized with innovation, economic and social development, and synchronized with the times.

【Chart attached】

References (Harvard style):

References:

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