

TRIANGULATION OF THE TRIPLE HELIX : A CONCEPTUAL FRAMEWORK

[Luís Farinha](#), [J. Ferreira](#) • Published 2013 • Business

Society seems more complex molecular biology itself, depleting the model of the double helix so far valid model to explain the DNA – Desoxiribo Nucleid Acid, essential for understanding the structure and activity of the DNA and heredity. The innovation of the triple helix is now required to explain the relations between the academy, industry and government. Innovation has become the decisive challenge for global competitiveness. The advantages associated to entrepreneurship are unquestionable... [Expand](#)

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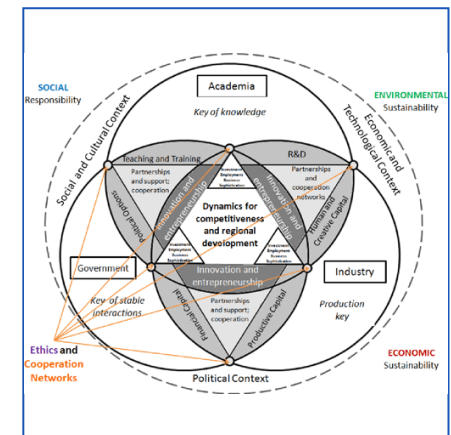
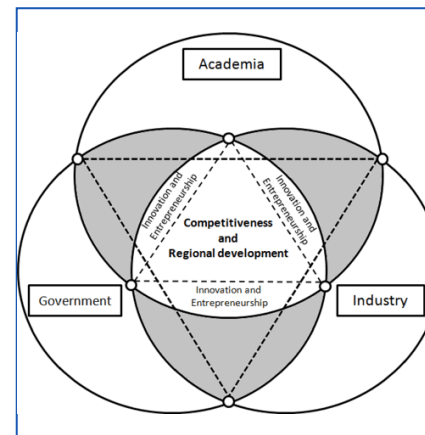
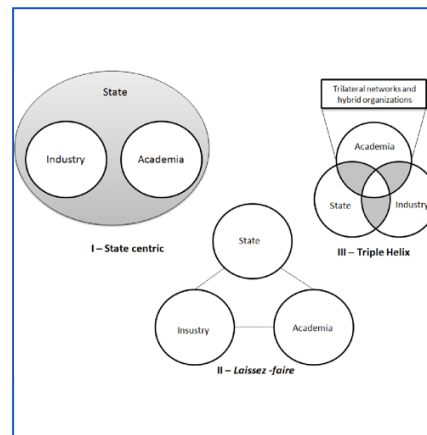
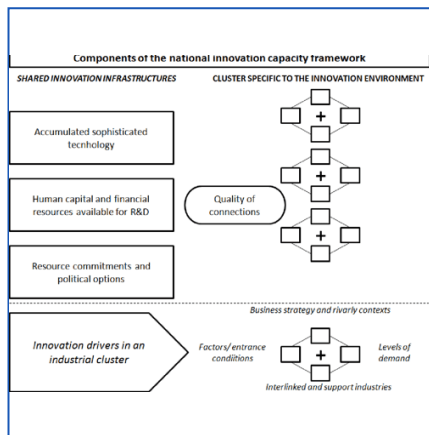


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Using a Triple Helix approach to examine interactions and dynamics of innovation in less-favoured regions

M. Natário, A. Braga, A. Daniel, Cecília Rosa, M. Salgado · Business · 2017

Using the Triple Helix model, this article examines the contribution of a higher education institution, the Polytechnic of Guarda (PG), located in an inland, a less-favoured region of Portugal, to... [Expand](#)

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University-Industry-Government Linkages and the Helix Theory on the Fourth Industrial Revolution

Dimos Chatzinikolaou, Charis Vlados · Economics · 2019

In the current era of the fourth industrial revolution, the creation of new knowledge and the production and diffusion of innovation constitute the most critical dimensions of development and... [Expand](#)

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Could the 'Spinner Innovation' and 'Triple Helix' Models Improve System Innovation?

[Ronnié Figueiredo](#), [Mohammad Soliman](#), [Alamir N. Al-Alawi](#), [Tarek Fatnassi](#) · Business · Applied System Innovation · 2023

Although several prior studies have outlined and examined models associated with knowledge and innovation in different fields, the literature lacks any solid insights combining the Triple Helix model... [Expand](#)

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Networks of Innovation and Competitiveness: A Triple Helix Case Study

[Luís Farinha](#), [J. Ferreira](#), [B. Gouveia](#) · Business · Journal of the Knowledge Economy · 2014

This paper aims to study the knowledge and technology transfer processes taking place in cooperation between academia and industry cooperation through an EU-funded R & D project. We follow a... [Expand](#)

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UNIVERSITIES, KNOWLEDGE NETWORKS AND LOCAL ENVIRONMENT FOR INNOVATION - BASED REGIONAL DEVELOPMENT: CASE STUDY OF THE UNIVERSITY OF MARIBOR

[Lučka Lorber](#) · Economics · 2017

This paper deals with the importance of cooperation between knowledge institutions, the economy and the local environment to establish innovation - based regional development. Knowledge has become... [Expand](#)

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Innovation and Entrepreneurship Networks as Global Competitiveness Drivers

[Luísa Farinha](#) · Business, Economics · 2014

The purpose of this paper is to analyse the impact of innovation and entrepreneurship related factors on national and regional economies thus allowing for the emergence of new reflections capable of... [Expand](#)

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Fostering Cross-Sector Collaboration to Promote Innovation in the Water Sector

[Lorenzo Compagnucci](#), [F. Spigarelli](#) · Business · Sustainability · 2018

Ongoing global climate change, growing population and the intensification of economic activities, increase pressure on water resources, a situation many see as a water governance crisis.... [Expand](#)

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Social Entrepreneurship Model Based on Quadruple Helix Collaboration: Economic Empowerment in Disabilities Community

H. Mulyaningsih · Business · Journal of Social Entrepreneurship Theory and... · 2021

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The Contribution of University Spin-Offs to the Competitive Advantage of Regions

C. Corsi, Antonio Prencipe · Economics · Journal of the Knowledge Economy · 2017

The regional knowledge creation is the dominant economic explanation of regional competitiveness. In view of this, the commercialization and diffusion of knowledge/technology, developed in academia,... [Expand](#)

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Government Collaboration in Empowerment? A Collaborative Framework for the Government in Empowering Coastal Communities

Yusuf Fadli, Adie Dwiyanto Nurlukman · Political Science · Journal of Government and Civil Society · 2018

The pendulum of the development at the global level moves to the extent of collaborative work between government, society and third parties. Today, in Indonesia a collaboration model is also... [Expand](#)

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The Triple Helix, Quadruple Helix, ..., and an N-Tuple of Helices: Explanatory Models for Analyzing the Knowledge-Based Economy?

[L. Leydesdorff](#) · Economics · 2010

Using the Triple Helix model of university–industry–government relations, one can measure the extent to which innovation has become systemic instead of assuming the existence of national (or... [Expand](#)

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The Effect of Triple Helix System and Habitat on Regional Entrepreneurship: Empirical Evidence from the U.S.

[Younghwan Kim](#), [Wonjoon Kim](#), [Taeyong Yang](#) · Business · 2011

The ‘triple helix’ of the university–industry–government relationship and habitat are accepted as important determinants of innovation and entrepreneurship. However, empirical explorations of the... [Expand](#)

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Triple helix and regional development: a perspective from Oxfordshire in the UK

[H. Smith](#), [S. Bagchi-Sen](#) · Economics · Technol. Anal. Strateg. Manag. · 2010

This paper illustrates that distinctive patterns of regional development can be understood as resulting from the relative dominance of the three components in the triple helix model at any one time.... [Expand](#)

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Rethinking development: circulation in the triple helix

[H. Etzkowitz](#), [J. Dzisah](#) · Economics · Technol. Anal. Strateg. Manag. · 2008

This paper proposes a rethinking of socio-economic development from resource-based to knowledge-based; from exogenous to endogenous; from state-led to university-led; and from single or double... [Expand](#)

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The dynamics of innovation: from National Systems and

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Innovation in Innovation: The Triple Helix of University-Industry-Government Relations

[H. Etzkowitz](#) · Economics · 2003

Innovation is increasingly based upon a “Triple Helix” of university-industry-government interactions. The increased importance of knowledge and the role of the university in incubation of... [Expand](#)

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Gauging Readiness for the Quadruple Helix: A Study of 16 European Organizations

[S. MacGregor](#), [P. Marquès-Gou](#), [Alexandra Simon-Villar](#) · Computer Science · 2010

TLDR The readiness for the quadruple helix in 16 European innovation ecosystems, all within medium-sized cities, is explored to contribute to the definition and streamlining of the role of local and regional actors, mainly policy makers, within the innovation ecosystem.[Expand](#)

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Innovation: Location Matters

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Cooperation and competition in network governance: regional networks in a globalised economy

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Conceptual Framework for Regional Competitiveness

[L. Budd](#), [A. Hirmis](#) · Economics · 2004

Budd L. and Hirmis A. K. (2004) Conceptual framework for regional competitiveness, Regional Studies38, 1007-1020. The concept of territorial competitiveness has gained ground in academic, policy and... [Expand](#)

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