



PRFU : Innovative entrepreneurship in the agri-food sector in Algeria: opportunities and risks

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Organize

2nd international academic conference

On the theme:

**Knowledge Economy for Inclusive and Sustainable
Development in the south:
What Model for Algeria?**

November, 27 & 28 2024
University Mohamed Ben Ahmed Oran 2 Algeria

The Honorary Presidents:

The Rector of Mohamed Ben Ahmed University Oran2 : Prof. **Ahmed CHAALAL**
The Dean of the FSECSG: Dr **Farouk TCHAM**
The Dean of the FDSP: Prof. **Mohamed HADDAD**

Problematic

The world is currently undergoing unprecedented changes in the areas of economics, society, culture, politics, and geopolitics. Growth models traditionally driven by factors such as capital, labour, and mineral resources are showing signs of exhaustion and limitations. Continuous innovation in all its forms has emerged, heralding models that open up new economic dynamism.

Unprecedented technological advancements and new opportunities are made possible by the Industrial Revolution 4.0. Artificial intelligence seems to be receiving the most attention among these new technologies. For creative businesses with exceptional growth and competitiveness capabilities, artificial intelligence and digitization are currently the standard.

Since intellectual capital is used to create new internal socio-economic models, scientific research has accelerated in this context. Securing sustainable development while promoting social and economic progress is the goal. Learning institutions at all levels, especially universities, are under pressure to update their pedagogical practices and curriculum as methods of acquiring knowledge are being questioned.

These changes have forced traditional economic models to undergo a significant overhaul in order to embrace ideas that prioritize knowledge as the foundation of development. The knowledge economy model is a comprehensive approach to achieving sustainable development, standing out among the profound transformations that characterize this context.

The notion of the knowledge economy has experienced exceptional growth and unparalleled fervour among scholars and decision-makers, particularly in the Arab region, which encompasses Algeria. Both models and measurement tools have changed since the late 1990s. We moved from a model based on four pillars for growth and competitiveness, measured by Knowledge Economy Index (KEI) to a seven pillars model for sustainable development and inclusion measured by the Global Knowledge Index (GKI). Algeria is not exempt from these changes and advancements, which have impacted social, cultural, political, health, and economic spheres in the Maghreb and elsewhere. In an effort to completely break away from a model dependent on mineral resources, new growth foundations are being established as part of a true sustainable economic revival (particularly oil and gas). The goal of this diversification program is to achieve sustainable food, health, water, energy, and sociocultural security, as well as to fortify the bases of economic sovereignty in all key sectors.

At the same time, Algeria is fully part of the dynamic of the sustainable development objectives for 2030 (SDGs) where the energy transition and decarbonization occupy a central place in the new visions of responsible, ethical, sustainable and inclusiveness growth. These goals necessitate large investments in wealth-producing industries like agriculture, industry, and services, which in turn require large amounts of knowledge in all forms-implicit and explicit.

The adoption of the knowledge economy as a strategic choice at the highest levels of the Algerian state crystallises this new vision. The Ministry of Start-ups, Knowledge Economy, and Micro Enterprises was established as a result, among other notable institutional changes. It is anticipated that the numerous supporting organizations brought about by this shift will strengthen the values of digitalization, creative entrepreneurship, and the Industrial Revolution 4.0. This is in addition to laws, funding and supports groups, incentive programs, and exposing research to its socioeconomic context.

Notwithstanding the notable advancements in this field, it is clear that the knowledge economy's component still has a lot of shortcomings and occasionally causes confusion for stakeholders and decision-makers. For the development

	<p>policy to be successful and sustainable, it is imperative that some of the concepts underlying the model of development based on the new knowledge economy paradigm be made clear.</p> <p>After the first national conference on knowledge-based economy, which was held in 2006 at the University of Mostaganem and laid the groundwork for this model, our group is organizing this second international academic conference. With the numerous obstacles in industry, agriculture, scientific research, etc. to be overcome, its goal is to investigate and characterize this new development approach in terms of its theoretical underpinnings, conditions, and mechanisms of applicability in Algeria.</p>
<p>Conference objectives</p>	<p>Firstly, to clear up any confusion regarding context, interaction, rationality, and sustainability by offering comprehensive explanations for understanding the theoretical and conceptual foundations.</p> <p>Secondly, to clarify each pillar's function and how they interact with one another through the transversality paradigm, a critical analysis of the chosen model will be presented.</p> <p>Thirdly, to outline the socio-political and cultural context in which the knowledge economy is a social project that emphasizes the significance of collective dimensions of inclusion, sharing, dialogue, and knowledge and experience exchange-all of which are fundamental to the emergence of the knowledge society and sustainable development.</p> <p>Fourthly, to suggest an inclusive knowledge economy model that is in line with national realities and rejects the practice of imposing foreign frameworks. This model is built on genuinely national collective intelligence.</p>
<p>Conference main themes</p>	<ol style="list-style-type: none"> 1- Conceptual and theoretical foundations of the paradigm of the knowledge economy. 2- The economy of knowledge and the novel contextual challenges. 3- Algeria's knowledge economy is stimulated by new institutional policies for development. 4- The part innovation plays in these new growth and development pathways. 5- New components to introduce into the system of education and learning. 6- Digitalization and artificial intelligence: modernizing infrastructures for information sharing and communication.
<p>Participants</p>	<p>University researchers, PhD students, Practitioners who have accumulated experience and developed a reflection on the question.</p>

Conference coordination team



Scientific Committee Chairman

Professor Abdelkader DJEFLAT
Scientific coordinator
Equipe DIM Maghtech Labo Clersé CNRS - U. de Lille
and Chairman of the MAGHTECH Network Foundation
(Maghtech.org)



Scientific Committee Vice-Chairman

Doctor Youcef MEBBANI
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General Secretary of the MAGHTECH network



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Responsible for relations with the Ministry for the Knowledge Economy and Start-ups

Professor Mohamed CHERCHEM
Lecturer-Researcher University of Oran2 Algeria
Member of the MAGHTECH network



Conference Chairwoman

Professor Kheira ARBAOUI
Lecturer/Researcher University of Oran2 Algeria
Head of the PRFU project: 'Innovative entrepreneurship in the agri-food sector in Algeria: opportunities and risks'.
In charge of projects and scientific activities at the MAGHTECH network

Conditions of Participation

- The paper must be included in one of the conference themes.
- The manuscript must be scientifically original: it must not have been previously presented in another scientific activity or previously published.
- Papers are accepted in: Arabic (Times New Roman, size 14); English (Times New Roman Volume 12); French (Times New Roman, size 12) with 1.15-line spacing.
- The research paper must include: Title; Focus; Author's name (authors: no more than two); Affiliation; Email.
 - + The best papers will be published in a special issue of the DIMS Maghtech journal (Development, Innovation, Management and Knowledge).

✚ Publication of the conference proceedings in a special issue of the Algerian economics and management journal FSECSG.

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