



CHAIRE de
BIOECONOMIE INDUSTRIELLE



SFER 2019 Symposium

The bioeconomy: organisation, innovation, sustainability and territory

Place: Reims – 4-5 June 2019

Guest speakers

Piergiuseppe Morone (Unitelma Sapienza)
Massimiliano Mazzanti (Università degli Studi di Ferrara)

Since the 1960s and the seminal work by economists such as Georgescu-Roegen (1971), the concept of the Bioeconomy has outreached economics to establish itself as a strategic framework for the renewal of production models (OECD 2009, 2017; EC 2012). Understood as food and non-food uses of biomass (agricultural, forestry, marine, waste), the Bioeconomy aims to help redevelop industry in rural areas, improve food safety and reduce our reliance on fossil resources. Furthermore, this contribution must address climate-change issues and strengthen national and regional competitiveness.

Driven by new technologies (particularly biotechnology and IT), Bioeconomy offers a transition towards the sustainable use of renewable resources. It should be fostered by both innovative processes and products, and organisational/institutional innovation to guarantee successful economic, social, and environmental value chains.

The study of this transition leads us to ask four central questions:

- How can we describe and anticipate new value-chain operating modes and organisation, and economic patterns for the bioeconomy? What dynamics are at play, given the wide range of biomass types and technological skills needed?

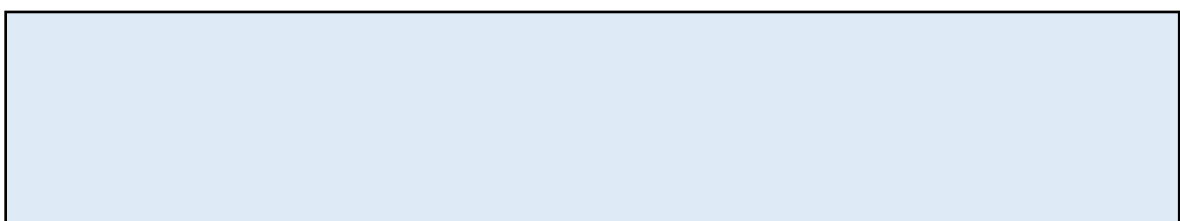
- What are the roles of these new organisations within and between regions? How can a bioeconomy relying on the local availability of biomass be compared with a port biorefinery based on biomass imports?
- How can we manage the transitions of widely differing local agro- and ecosystems? How can such transitions change the behaviour of producers and consumers? How strong is their resistance to change? How do policies and regulatory frameworks structure the development of the Bioeconomy (evolution, evaluation, international comparison...)?
- Finally, what are the contemporary applications of N.Georgescu-Roegen's conception of the Bioeconomy to sustainability issues, health challenges, environmental and social inequalities, and economic transformation?

Those questions involve numerous fields of study, such as agricultural economics, energy economics, industrial economics, innovation economics, sociology, political and management science, environmental science, geography, and urbanism. They also question the boundaries between major disciplinary fields.

The SFER symposium, organised by NEOMA Business School, IRSTEA and URCA, will be the first French social-science symposium dedicated to the Bioeconomy. Its goal is to build and combine relevant scientific knowledge on the Bioeconomy, to establish a dialogue with professionals, and help shape French and European public debate. The symposium is organised around sessions based on submitted papers and special sessions upon request.

Therefore, we request contributions covering the following seven topics (non-exhaustive list):

- 1) The concept of the Bioeconomy, its boom and evolution (history, definitions, measures)
- 2) Private and public stakeholder strategies for the development of the Bioeconomy and associated technical, organisational and institutional innovations. Public policy support and tax incentives.
- 3) From the overall project to territorial issues (Bioeconomy measures, international comparisons, trajectories, territorial inequalities, adequacy of sectoral policies).
- 4) The integration of environmental and ecosystem issues in analyses of the Bioeconomy (e.g. tools, green economy methods, circular and symbiotic economy).
- 5) The difficulties of the Bioeconomy market (e.g. biomass division, consumer's awareness)
- 6) Issues and organisation of industrial systems (e.g. sectors, territories, public-private partnership, work-employment, cooperatives)
- 7) Bioeconomy funding (e.g. value creation, funding tools, accounting, environmental audit)



You can upload your submission to the cmt platform:

<https://cmt3.research.microsoft.com/BIOECONOMIE2019>

Submission deadline: 20 March 2019

Two types of contributions (in French or in English) are possible:

- **“Research” contributions:** 2-3 page abstract of an original research project. They will be assessed on their scientific quality: relevance/clarity/distinctiveness of theoretical and empirical issues, the research question, analytical framework, method, results and discussion.
- **“Facts and figures” type contributions:** empirical studies. Not necessarily research articles, but based on data analysis, case studies, original surveys or evidence. “Facts and figures” type contribution do not require a written text in addition to the abstract, which can be shorter than “research” contributions (1 page). Bioeconomy professionals who wish to attend the symposium may also submit such contributions.

You may also propose scheduled sessions or panel discussions on a specific topic by sending a short text **by March 20th 2019** to nicolas.befort@neoma-bs.fr or maryline.thenot@neoma-bs.fr stating the session’s objective and the names of 4-5 speakers. If the session is considered appropriate, participants will be invited to submit an abstract of their presentation, like a standard submission.

Dates to remember

20 March 2019: deadline for submissions of scheduled sessions or panel discussions

20 March 2019: deadline for submissions of “research” and “facts and figures”-type contributions.

16 April 2019: opening of registration for the symposium

16 April 2019: notification to contributing authors

24 May 2019: deadline for sending full texts

Find more information on the SFER website:

<https://www.sfer.asso.fr/admin/events/edit/38>

References

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(Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions No. SWD(2012) 11 final).

OECD, 2017. Towards Bio-Production of Materials: replacing the oil barrel (No. DSTI/STP/BNCT(2016)17/FINAL). OECD.

Organisation for Economic Co-operation and Development, OECD International Futures Programme (Eds.), 2009. The Bioeconomy to 2030: designing a policy agenda. Organization for Economic Co-operation and Development, Paris.

Georgescu-Roegen, N., 1971. The Entropy Law and the Economic Process. Harvard University Press.

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