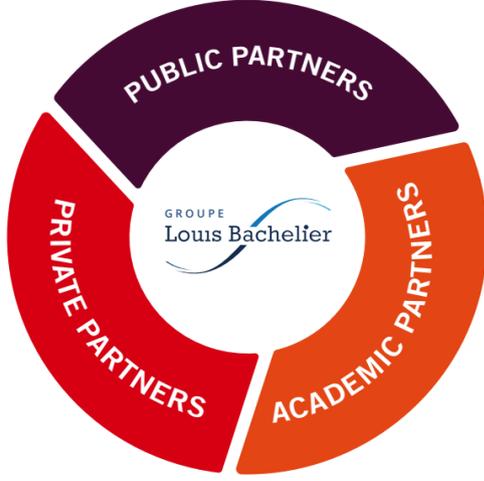


Welcome to the Louis Bachelier Network

The partnership-based research network
in Economics and Finance



Together we seek answers for a world in transition

EDITORIAL: A WORLD IN TRANSITION

“

Finance, demographics, environment and the digital world. The 21st century is experiencing transitions that will have significant and lasting financial, economic, social and human impact. In the Louis Bachelier Network we explore the mechanisms driving these transitions and forecast their medium and long-term effects.

The Louis Bachelier Network is hosted by Institut Louis Bachelier, founded in 2008. Institut Louis Bachelier (ILB) draws on the resources of two foundations *Fondation du Risque* (FdR) and *Institut Europlace de Finance* (IEF) to support research programs and create new projects. More than 50 public-private-academic chairs and research initiatives are currently hosted under this umbrella .

Because we believe that these transitions, be they in finance, the digital economy, the environment or demographics, extend well beyond geographic borders, individual disciplines, and schools of thought, the Louis Bachelier Network's watchword is openness: innovative, interdisciplinary and global openness. Today this openness brings together over 400 researchers and some 85 companies and public organizations. Tomorrow we hope to be even more.

”

Welcome to the Louis Bachelier Network! Together we seek answers for a world in transition .

André Lévy-Lang
President of the Institut Louis Bachelier
and former Chief Executive Officer
of Bank Paribas



Jean-Michel Beacco
Chief Executive Officer



Stéphane Buttigieg
Deputy Chief Executive Officer



FOUNDING PUBLIC PARTNERS



FOUNDERS' COLLEGE



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RESEARCH AREAS: THE FOUR MAIN SOCIETAL TRANSITIONS

FINANCIAL TRANSITION

Research in this area aims to support transformation in the banking and financial industries from the standpoint of stability and sustainability.

Research programs, publications and events have focused on topics such as: responsible finance, sustainable development, financial regulation and stability, financial risk, finance and behavioral economics, and innovation-based growth.

DIGITAL TRANSITION

Research in this area is designed to meet the challenges of digital transformation. First of all, it provides new mathematical and statistical approaches capable of analyzing information in a context where the sheer volume of data to handle initially seemed daunting. More generally, this focus area addresses the various economic issues generated by the democratization of new technologies.

Research programs, publications and events have focused on topics such as: AI, blockchain, big data, cyber-risk, and robo-advisory.

ENVIRONMENTAL TRANSITION

The goal here is to advance and promote the analysis and evaluation of existing and future public policy and economic instruments in the area of climate change.

Special emphasis is placed on using quantitative approaches and industrial economics to tackle environmental issues: climate economics, carbon and energy, exhaustible resources, and climate risk insurance in the agricultural, industrial and housing sectors.

Research programs, publications and events have focused on topics such as: climate change, non-renewable resources, circular economies, and CSR.

DEMOGRAPHIC TRANSITION

This focus area seeks to develop new public and private solutions for covering emerging risks pertaining to longevity, dependency, and health. It also aims to further our understanding of the impact these changes have on economic determinants: growth, productivity, financial markets, the accumulation strategy of human capital, etc.

Programs contribute to defining new social insurance channels and products, both public and private, suited to the various geographic, cultural and temporal situations stemming from demographic transition.

Research programs, publications and events have focused on topics such as: longevity and health, human capital, and the labor market.

GROUPE LOUIS BACHELIER

RESULTS: COLLABORATION CREATES VALUE!



Are you a private company?

The Groupe Louis Bachelier and DataLabs can be an “external R&D department” that will help you develop models and tools to strengthen decision-making and forecast future developments.

Access to research and innovation

Are you a researcher?

You will be joining a community of leading scholars and experts in Economics and Finance in will be assisted by a team of people committed to help create, fund, facilitate and disseminate your scientific work promote research

Share, develop and promote research

Are you an international, European, French, regional or local public stakeholder?

Louis Bachelier Group research programs can help you obtain non-biased knowledge for qualitative decision making.

We also provide an efficient gateway to first-in-class partners for EU projects and for developing international collaborations.

Non-biased knowledge and collaboration with industry experts

GROUPE LOUIS BACHELIER

TRIPLE HELIX RESSOURCES: PUBLIC, PRIVATE, ACADEMIC

400 RESEARCHERS



40 ACADEMIC PARTNER INSTITUTIONS



€20M BUDGET



85 INDUSTRIAL SPONSORS



2,000 PEOPLE ATTEND OUR EVENTS EACH YEAR



50 RESEARCH PROGRAMS



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FACTS: ABOUT THE LOUIS BACHELIER NETWORK AND GROUP

LOUIS BACHELIER NETWORK



Louis Bachelier Network: a partnership-based network in economics and finance

The Louis Bachelier Network was created to stimulate knowledge exchange and cross-collaboration in support of sustainable development in economics and finance.

The network counts over 400 researchers, 85 private sector companies, public administrations and institutions, including la Direction Générale du Trésor (the French treasury department) and la Caisse des Dépôts which founded the Institut Louis Bachelier in 2008.

LOUIS BACHELIER GROUP



Louis Bachelier Group: supports and drives Louis Bachelier Network activities!

The Louis Bachelier Group consists of the Institut Louis Bachelier (ILB) and two foundations: the *Institut Europlace de Finance (IEF)* and the *Fondation du Risque (FDR)*. The Institut Louis Bachelier is the main service provider and the gateway to the Louis Bachelier Group and Network.

THE INSTITUT LOUIS BACHELIER IS AN ASSOCIATE MEMBER OF



GRUPE LOUIS BACHELIER

LOUIS BACHELIER GROUP: AT WORK

Two new “super-programs” are under development with the specific intent of breaking down barriers between the different disciplines, chairs and IdRs involved, and between different categories of transition:

- The Green and Sustainable Finance interdisciplinary research program
- The Finance and Insurance Reloaded interdisciplinary research program

These programs have clear European ambitions and will cooperate at the European level in order to propose explanations and solutions to societal issues on a larger-than-national scale.

Besides hosting and initiating research chairs, the Institut Louis Bachelier works to share, develop and promote scientific knowledge on issues relevant to our public, private and academic partners through a broad scope of activities.

<p>Main venues for the Louis Bachelier Network:</p> <ul style="list-style-type: none"> - Financial Risks International Forum - Market MicroStructure conference - ILBmornings@LaPlace - ILB Scientific Mornings 	<p>Institut Louis Bachelier education and seminars:</p> <ul style="list-style-type: none"> - MOOC - ILB Methods - Summer school - Symposiums and conferences - Regular seminars
<p>The Institut Louis Bachelier publications:</p> <ul style="list-style-type: none"> - Les Cahiers Louis Bachelier - Opinions & Débats - Louisbachelier.org - ILB Web TV 	<p>Calls for papers:</p> <ul style="list-style-type: none"> - LABEX FCD / Institut Europlace de Finance research projects

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LOUIS BACHELIER NETWORK: BENEFITS INCLUDE

Access to Institut Louis Bachelier services:

- Partnership search
- Developing and submitting French and international project proposals
 - Project hosting
 - Deal-making
- Budget and reporting systems
 - Meeting facilities
 - Organizing events
 - MOOC learning tools
 - Data mining, data science

Access to a high-value Network:

- French and international public, private, and academic partners in economics and finance

Access to funding:

- Private partners and funding pools

Publication and promotion for you and your work through Institut Louis Bachelier media channels:

- Web: louisbachelier.org, institutlouisbachelier.org
- Publications: *Opinions & Débats*, *Cahiers Louis Bachelier*
- Podcasts, web TV, press activities

LOUIS BACHELIER FELLOWS

“Louis Bachelier Fellows” is a forum of academic excellence for researchers and practitioners. A means of opening up research and disseminating the results to stakeholders at national and international levels. It is a forum for debate and forecasting that seeks to generate and identify new topics and areas of research.

INSTITUT LOUIS BACHELIER DATALAB

Institut Louis Bachelier DataLab offers companies, researchers and public administrations a support for statistical analysis and modelling, in particular through the use of machine learning models.

INSTITUT LOUIS BACHELIER GREEN DATALAB

A Green DataLab is equally under development.

A new platform of first-class data for research is currently under construction. It includes historical data, high frequency trading and derivative data as well as green data.

LabEx: A large number of chairs benefit from the «Label of Excellence» in the field of Finance and Sustainable Growth.

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TESTIMONIALS: FROM SCIENTIFIC DIRECTORS



“ The Chaire Économie du Climat (climate economics chair) was launched in 2010 and renewed in 2017 to pursue the development of an ambitious research program that is nationally and internationally acknowledged for its work on climate change economics. The chair also serves as an open platform for the world of economic and political decision making. The network and strength that the Louis Bachelier Group and its financial partners offer represent a significant advantage for the Chaire Économie du Climat and in particular for its interns, PhD students and post-docs. ”

Anna Creti, scientific director, Chaire Économie du Climat



“ Created in 2017, the Prevent'Horizon chair is now a privileged meeting point for players and stakeholders concerned with health prevention issues. The public health care sector and the private insurance world both agree that it is crucial to launch discussions about health promotion and disease prevention. Solutions should be developed through dialogue between health care practitioners, bio-statisticians and epidemiologists on one hand, and professionals such as risk-managers and actuaries on the other. Institut Louis Bachelier and the entire Louis Bachelier Group has accompanied the chair from the start. ILB has contributed not only its agility and cross-disciplinary approach but has also made it possible for the chair to receive funding from nine corporate sponsors, of which eight are major players in the field of the insurance of persons: AG2R, La Mondiale, Covéa, Almerys, Groupama, GAN Vie, Groupe Pasteur Mutualité, Harmonie Mutuelle, Humanis Prévoyance, La Mutuelle Générale and Actuaris. ”

Jean-Louis Rullière, scientific director, Prevent' Horizon

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JOIN THE LOUIS BACHELIER NETWORK

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