



**International Centre for Innovation Technology  
and Education**

**iCite 2022 Activity Report**

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### FOREWORD

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Inaugurated in 2013, the **International Centre for Innovation, Technology and Education Studies (iCite)** of the **Solvay Brussels School of Economics and Management** at Université Libre de Bruxelles, aims at better understanding the drivers of innovation and welfare in our society. It gathers academics who perform multidisciplinary research and training services. Theoretical and empirical analyses aim at better understanding the economics, management and history of innovation, knowledge generation and knowledge diffusion. Based on the outcomes of its research and on the expertise of its members, **iCite** also provides advice and recommendations to policy makers and business leaders.

Major research topics include cliometrics of Higher Education Institutions; interaction between market processes, organizational strategies and governance of universities and firms; analysis of National Innovation Systems; determinants of firms' research and innovation activities and their economic impact; efficiency of science and technology policies; effectiveness of intellectual property policies; entrepreneurial challenges; dynamics and funding of entrepreneurship and small businesses; impact of Information and Communication Technology on the organization and performance of firms and R&D; strategies pursued by organizations to continuously renew their competences and performance; outsourcing decisions of Multi National Enterprises and the internationalization of R&D.

Members of **iCite** have a large record of scientific publications in leading international journals. They are also unanimously recognized for their considerable experience in conducting studies for policy analysis and industry advice. **iCite** has been active in major contract research projects on behalf of the European Commission, the EPO, the OECD, and the Belgian Federal and Regional governments and institutions.

Judith BEHRENS  
Director

### I. ADMINISTRATIVE INFORMATION

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#### *Director*

**BEHRENS, Judith**

Nationality: German

Position at ULB: Professor

Fields: corporate entrepreneurship, entrepreneurial thinking and cognition, decision making and innovation outcomes.

Funding: ULB payroll

PhD from WHU - Otto Beisheim School of Management

#### *President*

**CINCERA, Michele**

Nationality: Belgian and Italian

Position at ULB: Professor

Fields: impact assessment of competition and research policies, industrial organization.

Funding: ULB payroll

PhD from ULB

#### *Faculty Members*

**BUGHIN, Jacques**

Nationality: Belgian

Position at ULB: Associate Fellow – Professor of management practice

Fields: labor economics, agribusiness economics, economics, Web 2.0

Funding: Adjunct Professor and Freelance consultant

PhD from UCL

**DEHON, Catherine**

Nationality: Belgian

Position at ULB: Professor & Vice-Dean

Fields: nonparametric and robust statistics, econometrics and applied mathematics.

Funding: ULB payroll

PhD from ULB

**DE MEULEMEESTER, Jean-Luc**

Nationality: Belgian

Position at ULB: Professor

Fields: (comparative) higher education policies, economics of education, history of economic thought and methodology, economic history.

Funding: ULB payroll

PhD from ULB

### **GASSNER, Marjorie**

Nationality: Belgian and American  
Position at ULB: Professor  
Fields: mathematical aspects of electoral systems.  
Funding: ULB payroll  
PhD from ULB

### **DEWATRIPONT, Mathias**

Nationality: Belgian  
Position at ULB: Professor  
Fields: industrial organization, contracts, and auctions  
Funding: ULB payroll  
PhD from ULB

### **GEORGE Martine**

Nationality: Belgian  
Position at ULB: Professor of management practice  
Fields: data science, creativity and marketing management, innovation and strategic management, talent management and organizational development in strategic business analytics.  
Funding: ULB payroll  
PhD from ULB

### **ILZKOVITZ, Fabienne**

Nationality: Belgian  
Position at ULB: Professor  
Fields: competition policy and EU integration  
Funding: ULB payroll  
PhD from ULB

### **VANPOUCKE, Evelyne**

Nationality: Belgian  
Position at ULB: Associate Professor  
Fields: supply chain management, operations management, purchasing management, international manufacturing networks, buyer-supplier relationship.  
Funding: ULB payroll  
PhD from Ghent University

### **VAN POTTELSBERGHE DE LA POTTERIE, Bruno**

Nationality: Belgian  
Position at ULB: Professor and Dean  
Fields: economics of innovation and intellectual property: effectiveness of subsidies, R&D tax credit, patent system and international R&D spillovers.  
Funding: ULB payroll  
PhD from ULB

### **VAN ZEEBROECK, Nicolas**

Nationality: Belgian

Position at ULB: Professor

Fields: economics of information and digital technology, knowledge diffusion, business process, innovation, digital business strategy, digital transformation

Funding: ULB payroll

PhD from ULB

### **VERGAUWEN Philip**

Nationality: Belgian

Position at ULB: Professor and Dean at SBS-EM

Fields: accounting & information management.

Funding: ULB payroll

PhD from KUL

### **WITMEUR, Olivier**

Nationality: Belgian

Position at ULB: Professor

Fields: strategic management, entrepreneurship, innovation, strategic planning, innovation management, strategic thinking, business consulting, SMEs, business model innovation, technology & innovation.

Funding: ULB payroll

PhD from ULB

## *Associated Fellows*

### **ALDIERI, Luigi**

Nationality: Italian

Position at ULB: Associate Fellow

Fields: applied economics & econometrics, innovation, development, strategic management, economics & econometrics Analysis

Funding: Associate Professor at University of Salerno (Italy)

PhD from ULB

### **DEVILLE, Hervé**

Nationality: Belgian

Position at ULB: Associate Fellow

Fields: public management, political Economy, labor economics

Funding: Expert-Analyst at the CEG "Centre d'études GEORGIN" advice of the Brussels ministry for employment and professor at Université Catholique de Lille.

PhD from ULB

### **HASSAN, Emmanuel**

Nationality: French

Position at ULB: Associate Fellow

Funding: private consulting

PhD from Paris Dauphine, ULB

### **RAVET, Julien**

Nationality: Belgian  
Position at ULB: Associate Fellow  
Fields: economic analysis  
Funding: ULB payroll  
PhD from ULB

### **MARQUES SANTOS, Anabela**

Nationality: Portuguese  
Position at ULB: Associate Fellow  
Fields: innovation, entrepreneurship & general management  
Funding: external funding  
PhD from ULB

### **VERARDI, Vincenzo**

Nationality: Italian  
Position at ULB: Associate Fellow  
Funding: FNRS payroll  
PhD from ULB

### **VEUGELERS, Reinhilde**

Nationality: Belgian  
Position at ULB: Associate Fellow  
Funding: KUL payroll  
PhD from KUL

## ***Doctoral Students***

### **AMEYE, Nicolas**

Nationality: Belgian  
Fields : information system and digital business  
Position at ULB: Doctoral Researcher  
Supervisor: Nicolas van Zeebroeck  
Funding: external funding

### **BAKKALI, Samira**

Nationality: Belgian  
Fields: Innovation, Entrepreneurship, Digital Transformation  
Position at ULB: Doctoral Researcher and Teaching Assistant  
Supervisor: Nicolas van Zeebroeck  
Funding: ULB payroll

### **BELKADI, Oumaima**

Nationality: Moroccan  
Fields: no information  
Position at ULB: Doctoral Researcher  
Supervisor: Judith Behrens  
Funding: ULB payroll

### **DEMANET, Elodie**

Nationality: Belgian  
Fields: circular economy in agri-zones Congo  
Position at ULB: Doctoral Researcher  
Supervisor: Bruno van Pottelsberghe de la Potterie  
Funding: external funding

### **DE BIN, Giorgio**

Nationality: Italian  
Fields: no information  
Position at ULB: Doctoral Researcher  
Supervisor: Bruno van Pottelsberghe de la Potterie  
Funding: external funding

### **DOUHARD, Joran**

Nationality: Belgium  
Fields: circular economy and business model innovation  
Position at ULB: Doctoral Researcher  
Funding: ULB payroll  
Supervisor: Bruno van Pottelsberghe de la Potterie

### **FAYYAZ RISHEHCHI, Mohammad**

Nationality: Iranian  
Fields: no information  
Position at ULB: Doctoral Researcher  
Supervisor : Evelyne Vanpoucke

### **GIMENO FABRA, Lluís**

Nationality: Spanish  
Fields: patent research  
Position at ULB: Doctoral Researcher  
Supervisor : Bruno van Pottelsberghe de la Potterie

### **GOSSE, Julien**

Nationality: Belgian  
Fields: innovation, entrepreneurship & general management  
Position at ULB: Doctoral Researcher  
Supervisor: Nicolas van Zeebroeck  
Funding: Innoviris grant



### **GUAN, Lisi**

Nationality: Chinese

Fields: no information

Position at ULB: Doctoral Researcher

Supervisor: Evelyne Vanpoucke

Funding: external – co-supervision UMaastricht

### **HOFFREUMON, Charles**

Nationality: French

Fields: digital economics

Position at ULB: Doctoral Researcher

Supervisor: Nicolas van Zeebroeck

Funding: external funding

### **KALUKUTA MAHINA, Lena**

Nationality: Belgian

Fields: sustainable development

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe de la Potterie

Funding: ULB payroll

### **KASHEF, Shafagh**

Nationality: Iran

Fields: teams, creativity, resilience and project transitions (effects of rewards on entrepreneurial team creativity)

Position at ULB: Doctoral Researcher

Supervisor: Judith Behrens

Funding: ULB payroll

### **MAURO, Gabriele**

Nationality: Italy

Fields: sustainable supply chains

Position at ULB: doctoral researcher

Funding: ULB payroll

### **MIAN, Mohammed**

Nationality: Belgian

Fields: innovation, entrepreneurship & general management

Position at ULB: doctoral researcher

Funding: ULB payroll

### **NSONSUMUNA, Jean**

Nationality: Belgian

Fields: sustainable development

Position at ULB: Doctoral Researcher

Supervisor: Olivier Witmeur

Funding: external funding

### **ORGUN SENEL, Asli Irem**

Nationality: Turkey

Fields: innovation, entrepreneurship & general management

Position at ULB: Doctoral Researcher

Supervisors: Olivier Witmeur & Judith Behrens

Funding : ULB Payroll

### **PETIT, Elise**

Nationality: Belgian

Position at ULB: Doctoral Researcher

Fields: innovation, entrepreneurship & general management

Supervisor: Bruno van Pottelsberghe

Funding: ULB payroll

### **PLATTEAU, Antoine**

Nationality: Belgian

Position at ULB: Doctoral Researcher

Fields: innovation, entrepreneurship & general management

Supervisor: Catherine Dehon

Funding: ULB payroll

### **SANCHEZ HERNANDEZ, Arthur**

Nationality: Belgian

Fields: sustainable development, circular economy, waste management

Position at ULB: Doctoral Researcher

Supervisor: Bruno van Pottelsberghe

Funding : ULB Payroll

### **TABATABAEI, Fatemeh**

Nationality: Belgian

Fields: econometrics, statistics, mathematics and data science

Position at ULB: Doctoral Researcher

Supervisor: Michele Cincera

Funding: external funding

## ***Administrative Staff***

### **NOTARIANNI, Anne-Marie**

## II. PUBLICATIONS

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### WORKING PAPERS

**Bughin, Jacques**, Hinterman, F., Berjoan, S., « A Good Crisis (not) Wasted: How Exploiting and Expanding Dynamic Capabilities Shape Corporate Performance During the Covid Pandemic », iCite, 2022.

**Bughin, Jacques**, Sickinghe, D., « AI Inside ? Five Tipping Points for a New AI-based Business World », iCite, 2022.

**Bughin, Jacques**, Berjoan, S., Xiong, Y., « Why Companies should Scale New Tech-based Flexible Work Practices », iCite, 2022.

**Bughin, Jacques**, Hinterman, F., Berjoan, S., « A Good Crisis (not) Wasted: How Exploiting and Expanding Dynamic Capabilities Shape Corporate Performance During the Covid Pandemic », iCite, 2022.

**De Meulemeester, Jean-Luc** and Diebolt C., (2022), « The Economics of Education: Unkept Promises? », HAL Open Science, HAL working paper hal-00279007 <https://hal.science/hal-00279007/document>

**Ilzkovitz, Fabienne**., "Modelling the diffusion of the deterrent effects of competition policy", with Dierx A., Pataracchia B., Pericoli F., Joint Research Center Working Paper in Economics and Finance, 2022/16.

**Ilzkovitz, Fabienne**., "Modelling the macroeconomic impact of competition policy: 2021 update and further development", with Archanskaia E., Cai M., Cardani R., (JRC), Dierx A., Di Dio F., Fedotenkov I., Garrone M., Pataracchia B., Pericoli F., Ratto M, Rueda J., Cantuche, A., Thum-Thysen, DG Competition, DG JRC and DG ECFIN staff paper, March 2022.

**Nsonsumuna, Jean** & Witmeur, Olivier, (2022), « Identifier les conditions de succès pour le lancement d'une plateforme de crowdfunding ». iCite, 2022.

Nsonsumuna, Jean & **Witmeur, Olivier**,(2022), « Identifier les conditions de succès pour le lancement d'une plateforme de crowdfunding ». iCite, 2022.

### CONFERENCE PAPERS

**De Meulemeester, Jean-Luc**, Kusman D. (2021), « Revisiting Graeber in the light of a medieval debt-enforcement custom: being hostage in an inn for a debt in the Low Countries between ca. 1250-1350”, paper presented at the conference “Construire des passerelles autour de l’oeuvre de David Graeber”, Université Lumières-Lyon 2 et Sciences-Po Lyon.

**Guan, Lisi**, Vanpoucke E., Saraceni, A. & Quintens, L., (2022). « The role of complexity and uncertainty for robotic solutions in last mile delivery process: A consortium network case ».

**Mauro, Gabriele**, Vanpoucke, Evelyne., « The effect of carbon neutral operations on shareholders wealth, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future », Euroma 2022(July 2022: Berlin), 2022, July 01

Kazantsev, Nikolai, **Vanpoucke Evelyne**, « Increasing resource mobilisation through demand-driven collaboration: A consortium network case, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future. », EUROMA(June 2022: Berlin), 2022, July 01

Kocabasoglu, Canan, **Vanpoucke, Evelyne**, « Changing communication channels in buyer-supplier relationships, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future », EUROMA (July 2022: Berlin), 2022, July 01

Mauro, Gabriele, **Vanpoucke, Evelyne**, « The effect of carbon neutral operations on shareholders wealth, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future », Euroma 2022(July 2022: Berlin), 2022, July 01

Guan, Lisi, **Vanpoucke, Evelyne**; Saraceni, A., Quintens, « The role of complexity and uncertainty for robotic solutions in last mile delivery process: A consortium network case, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future », 2022, July 01

Guan, Lisi., **Vanpoucke, Evelyne.**, Saraceni, A., Quintens, L. (2022). « The role of complexity and uncertainty for robotic solutions in last mile delivery process : A consortium network case ».

### NON-PEER REVIEW ARTICLES

**Gosse, Julien**; van Zeebroeck, Nicolas, « Should semiconductor supply chains brace for more turmoil?, The Conference Board briefing », 2022, March 15

**van Zeebroeck, Nicolas;** Dricot, Jean-Michel, We are at cyberwar. Here is what firms need to know and do about it, The Conference Board briefing, 2022, September 05

Gosse, Julien; **van Zeebroeck, Nicolas**, « Should semiconductor supply chains brace for more turmoil?, The Conference Board briefing », 2022, March 15

### PEER REVIEW ARTICLES

**Vanpoucke, Evelyne**, Wetzels, M., Rozemeijer, F., Pilzak, G., « The impact of asymmetric perceptions of buyer-supplier governance mechanisms on relational rents », International journal of operations & production management 42(1), 91-121, 2022, December 16

Vergheze, Anto; Koufteros, X., Schoenherr, T., **Vanpoucke, Evelyne**, « Is relationship evolution good or bad? It depends! A qualitative and quantitative examination of the relationnels behaviors and the stimulants of supply chain integration », Decision sciences 53(4), 605-629, 2022, January 02

### PAPERS IN INTERNATIONAL SCIENTIFIC REVUES OR JOURNALS

**Bughin, J.**, Berjoan, S., Xiong, Y., « Net better Off? Why companies should scale new, tech-based flexible work practices”, European Business review, 2022.

**Bughin, Jacques.**, Hintermann F., Roussière, F.,. “Crisis? What crisis? Why European Companies Should Double Down on AI No”, European Business review, September23, 2022.

**Bughin, Jacques**, “The Imperative of the Vigilant Corporation”, European Business review, May 19, 2022.

**Bughin, Jacques.**, Sickinghe,D., “AI Inside? Five Tipping Points for a New AI-based Business World”, European Business review, March 2, 2022

**Dewatripont, Mathias**, “ Which policies for vaccine innovation and delivery in Europe?” International Journal of Industrial Organization, 2022 – Elsevier

**Ilzkovitz, Fabienne.**, Dierx A., Pataracchia, A, Pericoli, F. 2022. "Modelling the diffusion of the deterrent effects of competition policy", paper accepted for publication in Journal of Competition Law & Economics JCLE-2022-087.R1.

**Kalukuta Mahina, Lena** & van Pottelsberghe de la Potterie, Bruno. 2022. "Patent fees," Chapters, in: Cristiano Antonelli (ed.), Elgar Encyclopedia on the Economics of Knowledge and Innovation, chapter 46, pages 372-380, Edward Elgar Publishing. 2022.

**Vanpoucke, Evelyne.**, Wetzels, M., Rozemeijer, R., Pilzak-Blonska, M. 2022. The impact of asymmetric perceptions of buyer-supplier governance mechanisms on relational rents, *International Journal of Operations & Production Management*, 42(1), p. 91-121.

Verghese, A., Koufteros, X., Schoenherr T., **Vanpoucke Evelyne.** 2022. Is relationship evolution good or bad? It depends! A qualitative and quantitative examination of the relational behaviors and the stimulants of supply chain integration, *Decision Sciences*, 53(4), p. 605-629.

Kalukuta Mahina, Lena. & **van Pottelsberghe de la Potterie, Bruno.** 2022. "Patent fees," Chapters, in: Cristiano Antonelli (ed.), *Elgar Encyclopedia on the Economics of Knowledge and Innovation*, chapter 46, pages 372-380, Edward Elgar Publishing. 2022.

### PUBLICATIONS IN ENCYCLOPEDIA

**Petit, Elise** & van Pottelsberghe de la Potterie, Bruno, « Patent systems, *Elgar Encyclopedia on the Economics of Knowledge and Innovation* », 389-397, 2022.

**Kalukuta Mahina, Lena** & van Pottelsberghe de la Potterie, Bruno, « Patent fees, *Elgar Encyclopedia on the Economics of Knowledge and Innovation* », 372-380, 2022.

Petit, Elise & **van Pottelsberghe de la Potterie, Bruno**, « Patent systems, *Elgar Encyclopedia on the Economics of Knowledge and Innovation* », 389-397, 2022

Kalukuta Mahina, Lena & **van Pottelsberghe de la Potterie, Bruno**, « Patent fees, *Elgar Encyclopedia on the Economics of Knowledge and Innovation* », 372-380, 2022.

### PAPERS IN BUSINESS OR INDUSTRY OUTLETS

**Bughin, Jacques.**, Kretschmer, T. and van Zeebroeck, Nicolas, (2021), "Digital technology adoption drives strategic renewal for successful digital transformation", *IEEE Engineering Management Review*, 49(3), 103-108.

Van Zeebroeck, Nicolas., Kretschmer, T. and **Bughin, Jacques.** (2021), "Digital "is" Strategy: The Role of Digital Technology Adoption in Strategy Renewal", *IEEE Transactions on Engineering Management*, 1-15.

**Bughin, Jacques** and van Zeebroeck, Nicolas (2021), "How should a business self-cannibalize during digital transformation?", *The European Business Review*, Nov-Dec 2021, <https://www.europeanbusinessreview.com/how-should-a-business-self-cannibalize-during-digital-transformation/>.

**Bughin, Jacques** and van Zeebroeck, Nicolas (2021), “Making great bucks out of digital transformation,” The European Business Review, Sep-Oct 2021, <https://www.europeanbusinessreview.com/the-challenge-of-digital-transformation/>.

van Zeebroeck, Nicolas and **Gossé, Julien** (2022), “Should semiconductor supply chains brace for more turmoil?”, The Conference Board Geopolity Brief, March 2022, <https://www.conference-board.org/topics/geopolitics/should-semiconductor-supply-chains-brace-for-more-turmoil>.

Bughin, Jacques and **van Zeebroeck, Nicolas**, (2021), “How should a business self-cannibalize during digital transformation?”, The European Business Review, Nov-Dec 2021, <https://www.europeanbusinessreview.com/how-should-a-business-self-cannibalize-during-digitaltransformation/>.

Bughin, Jacques. and **van Zeebroeck, Nicolas**, (2021), “Making great bucks out of digital transformation”, The European Business Review, Sep-Oct 2021, <https://www.europeanbusinessreview.com/the-challenge-of-digital-transformation/>.

Bughin, Jacques, Kretschmer, T. and **van Zeebroeck, Nicolas** (2021), “Digital technology adoption drives strategic renewal for successful digital transformation”, IEEE Engineering Management Review, 49(3), 103-108.

**Van Zeebroeck, Nicolas.**, Kretschmer, T. and Bughin, Jacques (2021), “Digital “is” Strategy: The Role of Digital Technology Adoption in Strategy Renewal”, IEEE Transactions on Engineering Management, 1-15.

**van Zeebroeck, Nicolas** and Dricot, J.-M. (2022), “We are at cyberwar. Here is what firms need to know and do about it” (conference-board.org), The Conference Board Geopolity Brief. September 2022. <https://www.conference-board.org/topics/geopolitics/we-are-at-cyberwar-here-is-what-firms-need-to-know-and-do-about-it>.

**van Zeebroeck Nicolas** and Gossé, Julien (2022), “Should semiconductor supply chains brace for more turmoil?”, The Conference Board Geopolity Brief, March 2022, <https://www.conference-board.org/topics/geopolitics/should-semiconductor-supply-chains-brace-for-more-turmoil>.

**van Zeebroeck Nicolas**, “Survey on the Data Economy in Europe”: Report – joint with IPSOS – for the European Commission (DG CNECT), 28/02/2022, <https://digital-strategy.ec.europa.eu/en/library/survey-businesses-data-economy-2022>

### PAPERS IN ACADEMIC JOURNALS

Bughin Jacques, « Are you resilient? Machine learning prediction of corporate rebound out of the Covid-19 pandemic ». *Managerial and Decision Economics*, 44(3), 1547-1564.

**Bughin, Jacques**, Cincera, Michele., Peters, K., Reykowska, D., Żyszkiewicz, M., & Ohme, R. (2023). Make it or break it: On-time vaccination intent at the time of Covid-19. *Vaccine*, 41(12), 2063-2072.

**Bughin, Jaques**, Cincera, Michele., Kiepfer, E., Reykowska, D., Philippi, F., Żyszkiewicz, M., ... & Frank, D. (2022). « Vaccination or NPI? A conjoint analysis of German citizens' preferences in the context of the COVID-19 pandemic ». *The European Journal of Health Economics*, 24(1), 39-52.

Bughin, Jacques, **Cincera, Michele**, Peters, K., Reykowska, D., Żyszkiewicz, M., & Ohme, R. (2022). « Make it or break it: On-time vaccination intent at the time of Covid-19. *Vaccine*, 41(12), 2063-2072.

Bughin, J., **Cincera, Michele**, Kiepfer, E., Reykowska, D., Philippi, F., Żyszkiewicz, M., ... & Frank, D. (2022). « Vaccination or NPI? A conjoint analysis of German citizens' preferences in the context of the COVID-19 pandemic ». *The European Journal of Health Economics*, 24(1), 39-52.

### BOOKS

**De Meulemeester, Jean-Luc**. and Kusman, D., « Inns and Medieval Finance: a Story of Hospitality and Profit ». Project accepted by the edition Palgrave [to be completed by the next few years]

### PORTFOLIO OF INTELLECTUAL CONTRIBUTIONS

**Devillé, Hervé**, Évolution à moyen terme des indicateurs socio-économiques de la Région de Bruxelles-Capitale, CEG Web Publications

**Devillé, Hervé.**, Analyse de l'évolution du PIB, de la valeur ajoutée, de l'emploi intérieur, des revenus des ménages et de l'inflation en Région de Bruxelles-Capitale, Incidence à moyen terme des contributions et des complémentarités avec les autres entités fédérées de la Belgique, CEG Web publication, 2022,50 P



**Deville, Hervé.**, État des lieux et enjeux des besoins de logement en regard de l'offre privée et publique ; évolution du solde migratoire, du parcours résidentiel des populations à moyen et bas revenus ainsi que de la périurbanisation vers les provinces périphériques et les autres régions de la Belgique, 2022,49 P

### POLICY DOCUMENTS

Dunne, A. A., Gomez Carvajal, M. F. M., **Bughin, Jacques**, Gossé, Julien, Hoffreumon, Charles & van Zeebroeck, Nicolas. (2022). Survey of Businesses on the Data Economy 2022. [Access: Source / ULB Repository], Survey on the Data Economy in Europe": Report – joint with IPSOS – for the European Commission (DG CNECT), 28/02/2022, <https://digitalstrategy.ec.europa.eu/en/library/survey-businesses-data-economy-2022>

**Deville, H.**, Évolution de la part du logement au sein de l'aménagement du territoire en Région de Bruxelles-Capitale. Rapport final publié par le Centre d'études Georgin Décembre 2022.

Dunne, A. A., Gomez Carvajal, M. F. M., **Bughin, Jacques**, Gosse, Julien, Hoffreumon, Charles & van Zeebroeck, Nicolas. (2022). Survey of Businesses on the Data Economy 2022. [Access: Source / ULB Repository], Survey on the Data Economy in Europe": Report – joint with IPSOS – for the European Commission (DG CNECT), 28/02/2022, <https://digitalstrategy.ec.europa.eu/en/library/survey-businesses-data-economy-2022>

Dunne, A. A., Gomez Carvajal, M. F. M., Bughin, Jacques, **Gossé, Julien**, Hoffreumon, Charles & van Zeebroeck, Nicolas. (2022). Survey of Businesses on the Data Economy 2022. [Access: Source / ULB Repository], Survey on the Data Economy in Europe": Report – joint with IPSOS – for the European Commission (DG CNECT), 28/02/2022, <https://digitalstrategy.ec.europa.eu/en/library/survey-businesses-data-economy-2022>

Ooghe, Victor, Decaux, J., Joachain, H., **van Pottelsberghe de la Potterie, Bruno**; Meyer, S., Etude d'impact d'un chantier circulaire pilote dans ses composantes économiques, environnementales, sociales et organisationnelles (étude 360°), 2022, November 01

Dunne, A. A., Gomez Carvajal, M. F. M., Bughin, Jacques, Gossé, Julien, Hoffreumon, Charles & **van Zeebroeck, Nicolas**. (2022). Survey of Businesses on the Data Economy 2022. [Access: Source / ULB Repository], Survey on the Data Economy in Europe": Report – joint with IPSOS – for the European Commission (DG CNECT), 28/02/2022, <https://digitalstrategy.ec.europa.eu/en/library/survey-businesses-data-economy-2022>

### OTHER PUBLICATIONS

**Bughin, Jacques**, « Solving the AI Productivity Paradox », Sept 2022, J. Bughin, Medium  
« Resilience in the Bitcoin Market », June 2022.

**Bughin, Jacques**, « The Metaverse is not a Fad: it is part of the next Digital Transformation », June 2022.

**Bughin, Jacques**, « Turbulences are not Black-Swans: why Vigilant Firms win », March 2022.

**Bughin, Jacques**, Vanderheyden, M., « From a few to a 1000: an Update on Unicorn Key Success Factors », Feb 2022.

**Bughin, Jacques**, « Scaling AI », Feb 2022.

**De Meulemeester, Jean-Luc**, Diebolt, C., « The economics of education: unkept promises ? », Brussels Economic Review, 303-319, 2022

**De Meulemeester, Jean-Luc** participated to the « Open Letter to Boris Johnson », a joint letter by 60 economists, The Mirror 16 June 2022. See “Economists blast Boris Johnson for ‘suppressing’ Brits’ wages as inflation soars”. <https://www.mirror.co.uk/news/politics/boris-johnson-accused-fighting-wrong-27252641>

Kocabasoglu, C., **Vanpoucke, Evelyne**, « Changing communication channels in buyer-supplier relationships, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future », 2022

Kazantsev, N., **Vanpoucke, Evelyne**, « Increasing resource mobilisation through demand-driven collaboration: A consortium network case, Brilliance in resilience: operations and supply chain management’s role in achieving a sustainable future, 2022

### III. VISITS

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#### PRESENTATION TO NATIONAL CONFERENCES

**De Meulemeester, Jean-Luc**, “Quelle place pour l’histoire de la pensée économique dans l’enseignement ? » Midis de Rethinking Economics ULB, Brussels, 16th of February, 2022.

#### PRESENTATION TO INTERNATIONAL CONFERENCES

**Ameye, Nicolas**, Bughin, Jacques & van Zeebroeck, Nicolas, “How competition and uncertainty shape AI technology adoption”: ZEW ICT Conference 2002, Mannheim (Germany), July 2022.

Orgun, Irem, **Behrens, Judith** & Witmeur, Olivier, “How can venture capitalists contribute to sustainable development?”, BERG conference Liège, 2022.

Ameye, Nicolas, **Bughin, Jacques** & van Zeebroeck, Nicolas, “How competition and uncertainty shape AI technology adoption”: ZEW ICT Conference 2002, Mannheim (Germany), July 2022.

**Hoffreumon, Charles**, Forman, C. & van Zeebroeck, N., “Make or Buy Your Artificial Intelligence? Testing for Complementarities in Technology Sourcing”: 2022 Journal of Economics Management and Strategy (JEMS) special issue conference on The Digital Business Revolution, Los Angeles (CA), April 2022

Hoffreumon, Charles, Forman, C. & **van Zeebroeck**, Nicolas, “Make or Buy Your Artificial Intelligence? Testing for Complementarities in Technology Sourcing”: 2022 Journal of Economics Management and Strategy (JEMS) special issue conference on The Digital Business Revolution, Los Angeles (CA), April 2022

**Orgun, Irem**, Behrens, Judith & Witmeur, Olivier, “How can venture capitalists contribute to sustainable development?”, BERG conference Liège, 2022.

**van Zeebroeck, Nicolas**, DEE Seminar, Departamento de Economia de la Empresa (UIB), Palma de Mallorca, November 2022

Ameye, Nicolas, Bughin, Jacques & **van Zeebroeck, Nicolas**, “How competition and uncertainty shape AI technology adoption”: ZEW ICT Conference 2002, Mannheim (Germany), July 2022.

Orgun, Irem, Behrens, Judith & **Witmeur, Olivier**, “How can venture capitalists contribute to sustainable development?”, BERG conference Liège, 2022.

### PARTICIPATION TO INTERNATIONAL CONFERENCES

**Evelyne Vanpoucke** participated to EUROMA 2022 - 29th EurOMA Conference from 1 to 6 July 2022 in Berlin

### INVITED TALKS

**Nicolas van Zeebroeck**, DEE Seminar, Departamento de Economía de la Empresa (UIB), Palma de Mallorca, November 2022.

### RESEARCH TASKS

**Lena Kalukuta** had a research week for 2 ARES PRD projects: “Fertiliser: to identify the stakeholders and to visit the production facility. Biological pesticide to get rid of the fall army worm in Burkina Faso and Senegal”.

### VISITS FOR RESEARCH ABROAD

**Jean-Luc De Meulemeester**, Oxford, UK, 7-10 November, 2022: professor Ken Mayhew (SKOPE).

### IV. ORGANISATION OF EVENTS

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#### MONTHLY EIT BROWNBAG SEMINARS

Organized by Prof. **Judith Behrens**, the EIT (Entrepreneurship, Innovation & Technology) brownbag seminars is a jointed series of research events by iCite - Solvay School of Economics and Management and the entrepreneurship group of Vrije Universiteit Brussel (VUB) of Prof. Thomas Crispeels and Prof. Kevin de Moortel and monthly takes place in alternation on both campuses in Brussels.

In the seminar, our entrepreneurship, innovation and technology scholars present research-related themes and current research work. We cover a broad range of topics in for example, entrepreneurship, sustainability, ecosystems, patents, and technology transfer while using different research methods.

In that regard, the studies presented in the seminar can be equally conducted on individual, team, and organizational levels. The types of presentations and maturity of the research varies, ranging from initial research ideas to full papers.

#### ICITE RESEARCH DAY

On December 12th, 2022, Prof. **Judith Behrens** welcomed colleagues, Ph.-D-students, and research fellows to the iCite Research Day at Solvay School of Economics and Management in Brussels.

In a friendly and constructive atmosphere, Ph.D.-students of the research center presented their research projects, ex-changed insights, and gained valuable feedback from debating with the plenum.

Presenters were **Samira Bakkali**, **Oumaima Belkadi**, **Irem Asli Orgun Senel**, **Shafagh Kashef**, **Gabriele Mauro**, **Lisi Guan**, **Julien Gossé**, **Lena Kalukuta Mahina**, **Joran Douhard**, **Mohammad Rishchchi Fayyaz** and **Jean Nsonsumuna**.

### V. NOTORIETY & INVOLVEMENT IN ASSOCIATIONS & NETWORKS

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#### PRIZES & DISCTINCTIONS

**Fabienne Ilzkovitz** is the winner of the Concurrence Antitrust Writing Awards 2021, category 'Soft laws, Economics' With the report "EU competition policy: An application of the "Failing Forward" theory?" with A. Dierx, Journal of European Public Policy, Vol. 28, No 10, pp. 1630-1649, August 2021.

**Nicolas van Zeebroeck** is Senior Fellow, The Conference Board, Member of Belgium's High Council for Employment (Conseil Supérieur de l'Emploi), Member of the Advisory Board of AI4Belgium (since 2021)

**Hervé Devillé** is the author of several publications on the subject of relations between new technologies and the job market. His recent research explores the links between knowledge management strategic intelligence and prospects for the future.

#### SCIENTIFIC COUNCILS

**Hervé Devillé** is expert-analyst in the study Center Jacques Georgin of the Political party DEFI "Démocrate Fédéraliste indépendants". He is advisor for the study group created at the CEG « Quelle politique du fret dans l'espace Wallonie-Bruxelles au service du développement durable ? ». lignes de conduite pour le projet fret wallonie-bruxelles.

#### EDITORIAL POSITIONS

**Judith Behrens** is Editorial board member of the Journal of Product Innovation Management, Entrepreneurship Theory & Practice.

**Jean-Luc De Meulemeester** is member of the Scientific Committee of the journal Pyramides. Revue du Jean-Luc De Meulemeester Centre d'Etudes et de Recherches en Administration Publique (Brussels, Institute of Sociologie).

#### MANAGEMENT ROLE IN EXTERNAL NETWORKS

**Judith Behrens** is member of IPDMC Innovation and Product Development Management Conference, Conference Board & Scientific Committee.

**Evelyne Vanpoucke** is academic director at QTEM.

### EXTERNAL ADVISORY FUNCTIONS

**Hervé Devillé** is expert analyst at the CEG of the DEFI political party.

Giorgio De Bin is member of the Scientific Council of SIST, BELSPO, Scientific Council of IBSA, Brussels Statistical Agency, National level: Commission de l'indice des prix, ministère fédéral de l'économie.

**Giorgio De Bin** is expert in 2 policy assessment groups, DG Research and Innovation, European Commission Project evaluator of different projects funded under H2020, REA, European Commission and also Managing Director of the Belgian Italian Chamber of Commerce.

**Evelyne Vanpoucke**, is Board member of Euroma (European Association of Operations Management), elected for 2 years and Board member at SlaveFreeTrade.

**Nicolas van Zeebroeck** makes advisory work for the Brussels Region Government (AI Strategy for Brussels) and ACTIRIS (Advice on Digital Strategy).

### ASSOCIATE MEMBERSHIP

**Jean-Luc De Meulemeester**, BETA, Université de Strasbourg, France and SKOPE, Department of Education, University of Oxford.

**Evelyne Vanpoucke** is board member of Euroma (European Association of Operations Management), elected for 2 years.

### REFEREE POSITIONS

**Jean-Luc De Meulemeester** for Cliometrica (1), VSWG (Vierteljahrschrift für Sozial- und Wirtschaftsgeschichte) (1)

**Fabienne Ilzkovitz**, referee for a paper proposed for publication in the Journal of Common Market Studies, January 2023.

### PARTICIPATION TO THE MEDIA

**Jean-Luc De Meulemeester**, Open Letter to Boris Johnson, joint letter by 60 economists, The Mirror 16 June 2022. See “Economists blast Boris Johnson for ‘suppressing’ Brits’ wages as inflation soars”. <https://www.mirror.co.uk/news/politics/boris-johnson-accused-fighting-wrong-27252641>

**Nicolas van Zeebroeck**, 40+ interviews in 2022 on the economics and strategy of digital technology

### OTHER TYPES OF INVOLVEMENT

**Hervé Devillé** is member of BETA, Université de Strasbourg, France and reviewer: British Journal of Management, Creativity and Innovation Management, Entrepreneurship Theory Practice, IEEE Transaction on Engineering Management, International Journal of Entrepreneurship, International Journal of Technology Intelligence and Planning, ISM Research Journal, Journal of Business Venturing, Journal of Management Studies, Journal of Product Innovation Management, Journal of Small Business Management, Long Range Planning, R&D Management, Small Business Economics, Technology Transfer and Entrepreneurship, Zeitschrift für Betriebswirtschaft.

**Evelyne Vanpoucke** is research fellow at Vlerick, Phd coach in the Euroma doctoral workshop.



### V. PhD SUPERVISIONS

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#### ONGOING PhD

**Judith BEHRENS** is supervising:

**Oumaima BELKADI**, Moroccan (started in 2020)

Provisional dissertation title:

How do entrepreneurial teams succeed in developing business models?

**Shafagh KASHEF**, Belgian/Iran (started in 2021)

Provisional dissertation title:

Decision marketing in entrepreneurial teams

**Michele CINCERA** is supervising:

**Mohammed MIAN**, Belgian, started in 2022.

Provisional dissertation title:

Towards sustainable innovation ecosystems: designing and implementing new models for incubators and accelerators

**Fatemeh TABATAEI**, Iranian, started in 2021.

Provisional dissertation title:

How does technology support sustainability?

**Catherine DEHON** is supervising:

**Antoine PLATTEAU**, Belgian, started in 2022

Provisional dissertation title:

Impact of tutorial support on students' learning journey in higher education

**Evelyne VANPOUCKE** is supervising:

**Lisi GUAN**, Chinese, 2019-2022, Maastricht University (cosupervision).

Provisional dissertation title:

Developing green and smart supply chain practices: antecedents, process and recovery

**Gabriele MAURO**, Italian, started in 2020

Provisional dissertation title :

Circular economy and supply chains

**Mohammad RISHEHCHI FAYYAZ**, Iranian, started in 2022

Provisional dissertation title:

Designing resilient networks to cope with supply chain disruption risks

**Bruno VAN POTTELSBERGHE** is supervising:

**Lluis GIMNO FABRA**, Spanish, started in 2013.

**Elise PETIT**, Belgian, started in 2015.

**Lena KALUKUTA-MAHIMA**, Belgian, started in 2022.

Provisional dissertation title:

How does technology support sustainability?

**Joran DOUHARD**, Belgian, started in 2021.

Provisional dissertation title:

Essays on circular economy and economic performances of firms

**Arthur SANCHEZ HERNANDEZ**, Belgian, started in 2021

Provisional dissertation title:

Access is the new ownership: Analysis of the pay-per-use micromobility options

**Giorgio DE BIN**, Italian, started in 2020.

Provisional dissertation title:

Essays on entrepreneurial finance in Europe

**Nicolas VAN ZEEBROECK** is supervising:

**Nicolas AMEYE**, Belgian, started in 2014.

Provisional dissertation title:

Essays on the adoption and diffusion of Big Data analytics and artificial intelligence technology

**Samira BAKKALI**, started in 2014.

Provisional dissertation title:

Incentives to innovate : digital content industry

**Julien GOSSE**, Belgian, started in 2018.

**Charles HOFFREUMON**, started in 2018.

**Olivier WITMEUR** is supervising:

**Asli ORGUN SENEL**, Turkish, started in 2021.

Provisional dissertation title:

Sustainable entrepreneurial ecosystems by finance&invest.brussels

**Jean NSONSUMUNA**, Congo, started in 2022.

Provisional dissertation title:

Financement des PME/TPE dans les pays en développement: vers un modèle d'une plateforme de financement participatif intégrateur en RDC dans la province du Congo Central.

### VI. RESEARCH FUNDING

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#### **Nicolas VAN ZEEBROECK**

Business Survey on the Data Economy in Europe - Joint research project with IPSOS for European Commission's DG CNECT (2022)

AI Pilot Project within FARI – RRF Funding – AI Strategy for Brussels Region

#### **Judith BEHRENS and Olivier WITMEUR**

INNOVIRIS research project: How to optimize the role of finance&invest.brussels as promotor of sustainable-focused entrepreneurial ecosystems? (2021-2025)

### VII. iCite EVENTS

#### MONTHLY EIT BROWNBAG SEMINAR

Organized by Prof. Judith Behrens, the EIT (Entrepreneurship, Innovation & Technology) brownbag seminars is a jointed series of research events by iCite Solvay School of Economics and Management and the entrepreneurship group of Vrije Universiteit Brussel (VUB) of Prof. Thomas Crispeels and Prof. Kevin de Moortel and monthly takes place in alternation on both campuses in Brussels. In the seminar our entrepreneurship, innovation and technology scholars present research-related themes and current research work. We cover a broad range of topics in for example, entrepreneurship, sustainability, ecosystems, patents, and technology transfer while using different research methods. In that regard, the studies presented in the seminar can be equally conducted on individual, team, and organizational levels. The types of presentations and maturity of the research varies, ranging from initial research ideas to full papers.

If you are interested in attending or presenting, please get in touch with Prof. Dr. Judith Behrens or Anne-Marie Notarianni. Please feel free to share the information about this brownbag series with colleagues you think may be interested.

#### iCite RESEARCH DAY AND CHRISTMAS DINNER

On December 12th, 2022, Prof. Dr. Judith Behrens welcomed colleagues, Ph.-D-students, and research fellows to the iCite Research Day at Solvay School of Economics and Management in Brussels. In a friendly and constructive atmosphere, Ph.D.-students of the research center presented their research projects, ex-changed insights, and gained valuable feedback from debating with the plenum. Presenters were Samira BAKKALI, Oumaima BELKADI, Irem ASLI ORGUN SENEL, Shafagh KASHEFZARE-LIALESTANI, Gabriele MAURO, Lisi GUAN, Julien GOSSE; Lena KALUKUTA MAHINA; Joran DOUHARD; Mohammad RISHEHCHI FAYYAZ and Jean NSONSUMUNA.

After the iCite Research Day and to conclude the successful year 2022, our research center met for the Christmas party in the restaurant “Dolce Amaro” in Brussels. With excellent food and a good glass of red wine, we reviewed the year and spent a nice, sociable evening. We would like to thank all participants for their contributions to the successful iCite Research Day and we are looking forward to future meetings.



### IX. CONTACTS

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#### Mailing Address

**INTERNATIONAL CENTRE FOR INNOVATION, TECHNOLOGY AND EDUCATION STUDIES - iCite**  
*Solvay Brussels School of Economics and Management*  
Université libre de Bruxelles  
50, Avenue Franklin Roosevelt  
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