

# ACADEMIC CV

Petros Dimas

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November 2023

**TABLE OF CONTENTS**

<b>1. PERSONAL INFO .....</b>	<b>3</b>
<b>2. MAIN QUALIFICATIONS .....</b>	<b>3</b>
<b>3. EDUCATION .....</b>	<b>4</b>
<b>4. RESEARCH AND WORK EXPERIENCE .....</b>	<b>4</b>
<b>5. TEACHING EXPERIENCE.....</b>	<b>6</b>
<b>6. LANGUAGES.....</b>	<b>7</b>
<b>7. PROGRAMMING SKILLS – TECHNICAL KNOWLEDGE .....</b>	<b>7</b>
<b>8. RESEARCH FIELDS .....</b>	<b>7</b>
<b>9. PEER-REVIEWED SCIENTIFIC PUBLICATIONS .....</b>	<b>7</b>
PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS.....	7
PUBLICATIONS IN EDITED VOLUMES .....	8
<b>10. PARTICIPATION IN PEER-REVIEWED SCIENTIFIC CONFERENCES .....</b>	<b>8</b>
CONTRIBUTIONS TO INTERNATIONAL SCIENTIFIC CONFERENCES.....	8
CONTRIBUTIONS TO NATIONAL (GREEK) SCIENTIFIC CONFERENCES .....	10
<b>11. REVIEWER IN INTERNATIONAL SCIENTIFIC JOURNALS AND CONFERENCES .....</b>	<b>11</b>
<b>12. PRESENTATIONS AND SPEECHES .....</b>	<b>11</b>
INVITED SPEAKER IN SCIENTIFIC SEMINARS.....	11
PRESENTATIONS IN INTERNATIONAL WORKSHOPS AND SCIENTIFIC SEMINARS .....	12
OTHER PRESENTATIONS, SPEECHES, AND CONTRIBUTIONS.....	12
<b>13. OTHER PUBLICATIONS AND LITERARY WORK.....</b>	<b>13</b>
REPORTS, DELIVERABLES, AND ACADEMIC TEXTBOOKS.....	13
WORKING PAPERS.....	14
OPEN DATA AND SOFTWARE .....	14
CONTRIBUTIONS TO THE DAILY ECONOMIC PRESS .....	14
<b>14. DISTINCTIONS – AWARDS .....</b>	<b>15</b>
<b>15. ORGANIZATIONS AND MEMBERSHIPS.....</b>	<b>15</b>

## 1. PERSONAL INFO

Name:	Petros Dimas
Date of Birth:	4 <sup>th</sup> of June, 1992
Nationality:	Greek
Address (home):	43 Kolokotroni str., Ag. Dimitrios, 173 43, Athens, Greece
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Email:	<a href="mailto:petros.dimas92@gmail.com">petros.dimas92@gmail.com</a> <a href="mailto:petrdimas@chemeng.ntua.gr">petrdimas@chemeng.ntua.gr</a>
Personal websites:	LinkedIn - <a href="http://www.linkedin.com/in/petros-dimas">www.linkedin.com/in/petros-dimas</a> ResearchGate - <a href="https://www.researchgate.net/profile/Petros-Dimas">https://www.researchgate.net/profile/Petros-Dimas</a>
Citations of scientific work	Google Scholar: 163 – h-index: 6 (access: 20/11/2023) Scopus: 106 – h-index: 5 (access: 20/11/2023)

## 2. MAIN QUALIFICATIONS

- ✓ **Multi-year economic research experience** through participation in **20 large-scale research projects** funded by national and EU sources (including one HORIZON 2020 and one MSCA-RISE project).
- ✓ **Experienced author of academic reports, essays, and studies** – both in English and in Greek.
- ✓ **Extensive experience in the development of econometric models** and the use of multiple estimators – with special focus on panel-data applications: **7 corresponding peer-reviewed publications** in scientific journals and edited volumes, and multiple essays in scientific conferences and seminars.
- ✓ **Experienced practitioner of the input-output framework** and relevant applications: **8 corresponding peer-reviewed publications** in scientific journals and edited volumes, and multiple essays, reports, and corresponding studies.
- ✓ **Extensive experience in public presentation of scientific findings**: participation in more than 30 national and international scientific conferences and seminars/workshops – including invited speeches.
- ✓ **Experience in the development and administration of large-scale databases** within the context of the HORIZON 2020 project «GLOBALINTO: Capturing the value of intangibles the value of intangible assets in micro data to promote the EU's growth and competitiveness», a 3-year consortium of 8 EU partners (2019-2022).
- ✓ **Private sector work-experience** as an external associate of the consulting firm 'Break-Even Consulting: Engineering and Business Consultants'.
- ✓ **Teaching experience** in undergraduate and graduate courses as well co-supervision of diploma theses.
- ✓ **Frequent contributor in the Greek daily economic press**, with articles in the *Economia Journal* (Οικονομική Επιθεώρηση) and the news website *Business Daily*.

### 3. EDUCATION

- 10/2017 – 05/2023 **PhD in Industrial Policy and International Competitiveness**, National Technical University of Athens (NTUA), Laboratory of Industrial and Energy Economics (LIEE).
- Thesis title: “The contribution of intangible assets and participation in global value chains to the EU’s manufacturing competitiveness”, supervisor: Aggelos Tsakanikas, Associate Professor NTUA
  - Distinctions: Academic scholarship for the funding of doctoral studies, NTUA Research Committee (2018 – 2022)
- 09/2015 – 07/2017 **MSc in Applied Economics and Finance**, Athens University of Economics and Business (AUEB), Department of Economics, Grade: 9.73/10 (Excellent)
- Thesis title: “Evaluation of the performance of equity-based mutual funds from the European market”, supervisor: Elias Tzavalis, Professor AUEB
  - Distinctions: Scholarship for academic excellence (first in class) (2016)
- 10/2010 – 10/2015 **Diploma in Chemical Engineering (MEng equivalent)**, National Technical University of Athens (NTUA), School of Chemical Engineering, Grade: 8.40/10 (Very Good)
- Thesis title: “Analysis of the driving factors of CO<sub>2</sub> emissions from electricity production and consumption in the EU”, supervisor: Danae Diakoulaki, Professor Emerita NTUA

### 4. RESEARCH AND WORK EXPERIENCE

- 2018- today **Postdoctoral researcher at the Laboratory of Industrial and Energy Economics (LIEE) of the National Technical University of Athens (NTUA).**  
Participation in multiple national and EU research projects in the fields of Industrial Policy, Global Value Chains, Industrial Economics, Economics of Innovation and Technological Change, International Competitiveness, Energy Policy, and Sustainable Development.
- 2023-today 1. **“Leveraging Global Value Chains for Innovation and Competitiveness: The case of Greece”**. National research project. Funding: HFRI/EΛΙΔΕΚ. Role: Member of the research team
- 2023-today 2. **“Scientific Support of The Entrepreneurship Support Center of The Association of Municipalities of South Attica (SYDNA)”**. National research project. Funding: ESPA 2014-2020. Role: Member of the research team
- 2022-today 3. **“High Quality Early-Stage Entrepreneurship: Tools, Mechanisms and Factors Towards a Sustainable Entrepreneurial System”**. National research project. Funding: HFRI/EΛΙΔΕΚ. Role: Member of the research team
- 2022 4. **“Specialization of the Digital Strategy in each Policy Sector”**. National research project in collaboration with private firm. Funding: GRNET S.A. Role: Member of the research team
- 2021-2022 5. **“Scientific Support for the Entrepreneurship Observatory of the Municipality of Piraeus”**. National research project in collaboration with private firm. Funding: ICAP Advisory S.A. – Grant Thornton Business Solutions. Role: Member of the research team
- 2021-today 6. **“Technical support to the General Secretariat for the Natural Environment and Waters in the implementation of the Framework Directives 2008/56/EC and**

- 2006/7/EC** ». National Research Project. Funding: Ministry of Environment and Energy. Role: Member of the research team
- 2019- today 7. **“Greek Participation in European Research Networks (1984-2018) and its impact on Innovation and Knowledge-Intensive Entrepreneurship”**. National research project. Funding: HFRI/EΛΙΔΕΚ. Role: Member of the research team
- 2018- today 8. **“Catching-up along the Global Value Chain: models, determinants, and policy implications in the era of the Fourth Industrial Revolution (CatChain)”**. EU-funded staff exchange research project. Funding: EU, MSCA-RISE – Marie Skłodowska-Curie Research and Innovation Staff Exchange actions (RISE). Role: Member of the research team
- 2021-2022 9. **“Digital Health and Real-World Data in Greece: The transformation of the health ecosystem and the structural effects on the economy”**. National research project in collaboration with private firm. Funding: MSD Greece. Role: Member of the research team
- 2019-2022 10. **“Capturing the value of intangible assets in micro data to promote the EU's growth and competitiveness (GLOBALINTO)”**. EU-funded research project. Funding: EU, HORIZON 2020. Role: Member of the research team
- 2021-2022 11. **“Hellenic Academic eBooks – Kallipos”**. National research project. Funding: NTUA. Role: Co-author of the academic textbook “Technology – Innovation – Entrepreneurship: Theoretical and empirical approaches”
- 2019-2020 12. **“A unified systemic strategy focused on innovation and a Roadmap for its implementation: Why is it necessary, what does it involve, how is it implemented, with whom will it be promoted?”**. National research project. Funding: Dianeosis. Role: Project support
- 2018-2020 13. **“Mapping business activity, technological developments, and regulatory changes; Performance and impact assessment; Preparation of forecasting reports on changes in specific Greek sectors”**. National research project. Funding: Hellenic Federation of Enterprises. Role: Member of the research team
- 2018 14. **“Mapping the co-operation between academia and the business sector in the context of postgraduate studies in Greece”**. National research project. Funding: Hellenic Federation of Enterprises. Role: Member of the research team
- 2018 15. **“Design and implementation of interventions to improve the value chain of production, processing and distribution of mastiha products”**. National research project in collaboration with a private firm. Funding: The Chios Mastiha Growers Association. Role: Project support
- 2022-today **Break-Even Consulting: Engineering and Business Consultants**  
External Associate – Technical and scientific advisory services. Indicative projects:
- Development of competitiveness reports for the Greek regions (NUTS 2 level)
  - Monitoring and analysis of business activities at the regional, sectoral, and national level (for Greece and compared to the EU)
  - Evaluation of the regulatory progress and formulation of policy recommendations for Greece’s just transition
- 2023-today **“Sustainable Development of Less Developed Areas by Creating New Tourism Resources and Products through Analysis, Documentation, Modeling, Management, and Conservation of Cultural Assets using ICT Applications”**. National research Project. Funding: EPAnEK 2014-2017. Role: External associate
- 2022 **“Investigation of the impact of Greek universities to their region’s growth and competitiveness – Case study: University and Region of Peloponnese”**. National

- research Project. Funding: University of Peloponnese. Role: Member of the project team
- 2022 **“Air-quality measurements in compliance to the National Approved Environmental Conditions (ΑΕΠΟ) of Elefsina’s Oil Refinement Facilities”**. National research Project. Funding: National Technical University of Athens. Role: External associate
- 2021 **“Inventories of Greenhouse Gas emissions and other specific Air Pollutants in the context of Greece’s national and European compliance standards”**. National research Project. Funding: EU LIFE program and the Green Fund. Role: External associate
- 2021 **“LIFE-IP AdaptInGR, Enhancing policy and regulatory implementation for Greece’s adaption to climate change, LIFE IPC/GR/000006”**. National research Project. Funding: EU LIFE program and the Green Fund. Role: External associate
- 2018-2019 **Research Associate of ICCS-NTUA start-up incubator “EPI.noo”**  
Advisory and educational services (seminars) and administrative support
- 2017-2019 **Research Associate of NTUA’s Innovation and Entrepreneurship Unit**  
Engagement in the research activities and administrative support
- 2017 **Member of the Local Organizing Committee of the 15<sup>th</sup> International Globelics Conference**  
Organizers: LIEE-NTUA. Funding: ICCS-NTUA.  
Roles: A) Coordinator of the student-volunteers group (120 students), B) administrative and technical support of the conference, C) design and administration of the conference’s official website

## 5. TEACHING EXPERIENCE

- 10/2023-today **Adjunct Lecturer, Department of Financial and Managerial Engineering, University of the Aegean**  
Course: Applied Microeconomics
- 10/2023-today **Lecturer, MSc “Materials Science and Technoly”, School of Chemical Engineering, NTUA**  
Course: Materials Economics and Logistics, co-teaching with Associate Professor A. Tsakanikas
- 2021-today **Course Instructor and Scientific Associate, NTUA’s e-learning program (ΚΕΔΙΒΙΜ-ΕΜΠ)**  
Course: Statistical Data Analysis with Advanced Computing Tools
- 2017-today **Teaching Assistance**
- 2017-today
- Undergraduate courses in NTUA’s School of Chemical Engineering:** Courses: a) Statistics and Experimental Design, b) Economic Analysis and Business Administration (for engineers), c) Project Management, d) Technology, Innovation, and Entrepreneurship, e) Competition Analysis and Market Research, f) Introduction to Economics. Diploma theses: Co-supervision coordinated by Associate Professor A. Tsakanikas
  - “Athens MBA” joint postgraduate (MSc.) program co-organized by the Athens University of Economics and Business (AUEB) and the National Technical University of Athens (NTUA).** Courses: a) Industrial Policy and International

Competitiveness, b) Entrepreneurship and new venture creation. Diploma theses: Co-supervision coordinated by Associate Professor A. Tsakanikas

2019-  
today

3. **EPOG+ Erasmus Mundus Joint Master's Degree Program.** LIEE-NTUA is a member of a consortium of 40 European universities offering joint postgraduate courses funded by the EU. Role: Co-supervision of diploma theses in the field of Economics of Innovation and Technological Change

## 6. LANGUAGES

- **Greek:** Native
- **English:** Cambridge Certificate of Proficiency in English – CPE (C2)
- **German:** Goethe Institut Zertifikat (B1)

## 7. PROGRAMMING SKILLS – TECHNICAL KNOWLEDGE

- **Excellent use:**
  - Microsoft Office (Word, Excel, PowerPoint, Access, MS Project)
  - Statistic/ Econometric software: Stata, SPSS, PSSP, EViews
- **Advanced use:**
  - Programming languages: Matlab, Fortran
  - Website platforms: WordPress

## 8. RESEARCH FIELDS

Global Value Chains, Industrial Policy, Industrial Economics, Economics of Innovation and Technological Change, Innovation Studies, Econometrics, Statistical Methods, Input-Output Analysis, Competitiveness Studies, Science Technology and Innovation Policy, Energy Policy.

## 9. PEER-REVIEWED SCIENTIFIC PUBLICATIONS

### PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS

1. Stamopoulos, D., Dimas, P., Siokas, G., & Siokas, E. (2023). Getting smart or going green? Quantifying the Smart City Industry's economic impact and potential for sustainable growth. *Cities*, 144, 104612. <https://doi.org/10.1016/j.cities.2023.104612>
2. Kyriakopoulos, G. L., Sebos, I., Triantafyllou, E., Stamopoulos, D., & **Dimas, P.** (2023). Benefits and Synergies in Addressing Climate Change via the Implementation of the Common Agricultural Policy in Greece. *Applied Sciences*, 13(4), 2216. <https://doi.org/10.3390/app13042216>
3. **Dimas, P.**, Stamopoulos, D., & Tsakanikas, A. (2022). Intangibles and Participation in Global Value Chains in the EU: Evidence from the GLOBALINTO Input-Output Intangibles Database. *Economic and Business Review*, 24(3), 152–160. <https://doi.org/10.15458/2335-4216.1303>
4. **Dimas, P.**, Stamopoulos, D., Tsakanikas, A., & Vasileiadis, M. (2022). GLOBALINTO Input-Output Intangibles Database: Industry-level data on intangibles for the EU-27 and the UK. *Data in Brief*, 107932. <https://doi.org/10.1016/j.dib.2022.107932>

5. Kastelli, I., **Dimas, P.**, Stamopoulos, D., & Tsakanikas, A. (2022). Linking Digital Capacity to Innovation Performance: The Mediating Role of Absorptive Capacity. *Journal of the Knowledge Economy*. <https://doi.org/10.1007/s13132-022-01092-w>
6. Tsakanikas, A., Caloghirou, Y., **Dimas, P.**, & Stamopoulos, D. (2022). Intangibles, innovation, and sector specialization in global value chains: A case study on the EU's and the UK's manufacturing industries. *Technological Forecasting and Social Change*, 177, 121488. <https://doi.org/10.1016/j.techfore.2022.121488>
7. Stamopoulos, D., **Dimas, P.**, & Tsakanikas, A. (2022). Exploring the structural effects of the ICT sector in the Greek economy: A quantitative approach based on input-output and network analysis. *Telecommunications Policy*, 46(7), 102332. <https://doi.org/10.1016/j.telpol.2022.102332>
8. Stamopoulos, D., **Dimas, P.**, Sebos, I., & Tsakanikas, A. (2021). Does Investing in Renewable Energy Sources Contribute to Growth? A Preliminary Study on Greece's National Energy and Climate Plan. *Energies*, 14(24):8537. <https://doi.org/10.3390/en14248537>
9. Karmellos, M., Kosmadakis, V., **Dimas, P.**, Tsakanikas, A., Fylaktos, N., Taliotis, C., & Zachariadis, T. (2021). A decomposition and decoupling analysis of carbon dioxide emissions from electricity generation: Evidence from the EU-27 and the UK. *Energy*, 231, 120861. <https://doi.org/10.1016/j.energy.2021.120861>
10. **Dimas, P.**, Caloghirou, Y., Tsakanikas, A. & Vonortas N.S. (2022). Putting intangibles and global value chains into work: new sources of comparative advantage in global markets. Submitted to *Industrial and Corporate Change* (Oxford University Press) (under review – expected publication in Q1 2024).
11. **Dimas, P.**, Stamopoulos, D., Tsakanikas, A., & Caloghirou, Y. (2022). Intangible inputs, trade-in-knowledge, and manufacturing innovation in global value chains. Submitted to *Science and Public Policy* (Oxford University Press) (under review – expected publication in Q1 2024)

## PUBLICATIONS IN EDITED VOLUMES

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1. **Dimas, P.**, Roth, F., and Tsakanikas, A. (2023). The contribution of intangible inputs and participation in global value chains to productivity performance – Evidence from the EU-27 and the UK. In: C. Bloch, A. Protogerou, & N.S. Vonortas (Eds), *Measuring intangibles and productivity – a micro, meso and macro perspective*. Routledge. (forthcoming – Q3 2023).
2. **Dimas, P.**, Stamopoulos D., and Tsakanikas, A. (2023). Mapping the flow of intangibles in domestic and global value chains: new insights and empirical evidence from the GLOBALINTO Input-Output Intangibles database. In: C. Bloch, A. Protogerou, & N.S. Vonortas (Eds), *Measuring intangibles and productivity – a micro, meso and macro perspective*. Routledge. (forthcoming – Q3 2023).
3. Tsakanikas, A., **Dimas, P.**, & Stamopoulos, D. (2021). The Greek ICT Sector and Its Contribution to Innovation and Economic Growth. In: V. Vlachos, A. Bitzenis, & B. S. Sergi (Eds.), *Modeling Economic Growth in Contemporary Greece* (pp. 281–300). Emerald Publishing Limited. <https://doi.org/10.1108/978-1-80071-122-820211020>

## 10. PARTICIPATION IN PEER-REVIEWED SCIENTIFIC CONFERENCES

### CONTRIBUTIONS TO INTERNATIONAL SCIENTIFIC CONFERENCES

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1. **Dimas, P.**, and Kastelli, I. (2023). Industrial policy for green transition: The case of Greece. *35<sup>th</sup> Annual EAEPE Conference*, 13-15 September, Leeds, the UK



2. Kastelli, I. and **Dimas, P.** (2023). Industrial policy for green transition: The case of Greece. *SASE 2023 Conference*, 20-23 July, Rio de Janeiro, Brazil
3. **Dimas, P.**, Stamopoulos, D., Tsakanikas, A., and Caloghirou, Y. (2023). An empirical investigation on the nexus of intangibles, global value chains, and manufacturing innovation in the EU-27 and the UK. *CatChain 2<sup>nd</sup> Conference – Global Value Chains, Latecomer Development and the Green Transformation*, 29<sup>th</sup> of June, Maastricht, the Netherlands (online)
4. **Dimas, P.**, Kastelli, I., Stamopoulos, D., and Tsakanikas, A. (2022). Knowledge-based capital for industrial upgrading in global value chains: The case of the European Food sectors. *34th Annual EAEPE Conference*, 7-9 September 2022, Naples, Italy
5. Stamopoulos, D., **Dimas, P.**, Sempos, I., and Tsakanikas, A. (2022). Estimating the multiplier effects of renewable energy investments for Mediterranean economies: A case study for Greece. *34th Annual EAEPE Conference*, 7-9 September 2022, Naples, Italy
6. **Dimas, P.**, Kastelli, I., Król, M., and Mamica, L., (2022). Industrial policies for the green transition: A comparative analysis of Poland and Greece. *Energy and Climate Transformations: 3rd International Conference on Energy Research & Social Science*, 20-23 June 2022, Manchester, UK
7. Kastelli, I., **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2022). Linking digital and absorptive capacity to innovation performance: evidence from Greek manufacturing. *International Conference on Business & Economics of the Hellenic Open University*, 17-18 June 2022, Athens, Greece
8. **Dimas, P.**, Stamopoulos, D., Kastelli, I., and Tsakanikas, A. (2022). Knowledge-based capital for industrial upgrading in global value chains: The case of the European food sectors. *DRUID22 Conference on Innovation and the Dynamics of Structural, Institutional and Geographic Change*, Copenhagen, Denmark, 13-15 June 2022
9. Stamopoulos, D., **Dimas, P.** (2022). On the geography of the digital specialization of Greek regions. *International Conference on Research and Innovation Policies in Europe: Evolution, Scope and Perspectives*, Bruges, Belgium, May 5-7, 2022
10. Kastelli, I., Stamopoulos, D., **Dimas, P.**, and Tsakanikas, A. (2021). Exploring the link between digital capabilities and innovation performance in Greek enterprises: The mediating role of absorptive capacity. *3rd Digital, Innovation, Entrepreneurship & Financing Annual Conference*, 20-22 December 2021, Lyon, France
11. **Dimas, P.**, Stamopoulos, D., Danias I. and Tsakanikas, A. (2021). ICT Systems and New I4.0 Technologies for Innovation and Export Performance of Greek Enterprises. *10th International Economic and Business Review Annual Conference*, December 3rd, 2021, Ljubljana, Slovenia
12. Stamopoulos, D., **Dimas, P.**, Kastelli, I. and Tsakanikas, A. (2021). Innovation performance and digital transformation of Greek firms. *10th International Economic and Business Review Annual Conference*, December 3rd, 2021, Ljubljana, Slovenia
13. **Dimas, P.**, Caloghirou Y., Tsakanikas, A. & Vonortas, N.S. (2021). Business intangibles in global value chains: In search of export competitive advantage. *DRUID21 Conference on Innovation and the Dynamics of Structural, Institutional and Geographic Change*, 18-20 October 2021, Copenhagen, Denmark
14. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2021). Where does the knowledge come from? A framework for tracing embodied knowledge in Global Value Chains. *DRUID21 Conference on Innovation and the Dynamics of Structural, Institutional and Geographic Change*, 18-20 October 2021, Copenhagen, Denmark

15. **Dimas, P.**, Stamopoulos, D., Tsakanikas, A & Caloghirou, Y. (2021). EU's Manufacturing Competitiveness in Global Value Chains: The Role of Intangibles and Innovation. 33<sup>rd</sup> Annual EAEPE Conference, 2-4 September 2021, online due to Covid-19
16. **Dimas, P.**, Kastelli, I., & Tsakanikas, A., (2021). Export sophistication and the role of intangible assets in global markets: A case study on the competitiveness of European Food, Beverage, and Tobacco Industries. 33<sup>rd</sup> Annual EAEPE Conference, 2-4 September 2021, online due to Covid-19
17. **Dimas, P.**, Stamopoulos, D., Tsakanikas, A., & Caloghirou, Y. (2021). Tracking intangibles in the EU: The GLOBALINTO Input-Output Intangibles database. 17<sup>th</sup> Biannual Globelics Conference, 4-6 November 2021, Heredia, Costa Rica
18. **Dimas, P.**, Stamopoulos, D., Danias I. & Tsakanikas, A. (2021). Industry 4.0 Technologies, Information and Management Systems as Driving Forces for the Innovation and Export Performance of Greek Businesses. 33<sup>rd</sup> Annual EAEPE Conference, 2-4 September 2021, Naples, Italy (*forthcoming*).
19. Mamica, L., Kastelli, I., **Dimas, P.**, & Król, M., (2021). Green transition policies and their impact on industrial activities: A comparative analysis of Poland and Greece. 33<sup>rd</sup> Annual EAEPE Conference, 2-4 September 2021, online due to Covid-19
20. Stamopoulos, D., **Dimas, P.** & Tsakanikas, A. (2021). A Quantitative Approach to the Contribution of the ICT Sector as an Enabler for Growth and Digital Transformation in the Greek Economy. 33<sup>rd</sup> Annual EAEPE Conference, 2-4 September 2021, online due to Covid-19
21. Siokas, G., Stamopoulos, D., **Dimas, P.** & Tsakanikas, A. (2021). Smart Cities Economic Activity in Greece: An Input-Output Quantitative Approach. 17<sup>th</sup> Biannual Globelics Conference, 4-6 November 2021, Heredia, Costa Rica
22. Triantafyllou, E., Sempos, I., Stamopoulos, D. & **Dimas, P.** (2021). Benefits and synergies in tackling climate change from the implementation of the Common Agricultural Policy and other agricultural measures in Greece. 2<sup>nd</sup> International Conference on Environmental Design, Athens, 23-24 October 2021
23. **Dimas, P.**, Kastelli, I., & Tsakanikas, A., (2020). Determinants of competitiveness for Food-Beverage-Tobacco industries in the context of Global Value Chains: Empirical evidence from selected EU economies. 32<sup>nd</sup> Annual EAEPE Conference, 2-4 September, Bilbao, Spain (online due to Covid-19).
24. Siokas, G., Stamopoulos, D., **Dimas, P.**, & Tsakanikas, A. (2020). The Economic Impact of the Smart City on the Greek National Economy based on Input-Output Analysis. 32<sup>nd</sup> Annual EAEPE Conference 2020, 2-4 September, Bilbao, Spain (online due to Covid-19).
25. Siokas, G., Stamopoulos, D., **Dimas, P.** and Tsakanikas, A. (2020). Impact of the Smart City on the Greek Economy based on Input-Output Analysis. 4<sup>th</sup> Euro-Mediterranean Conference on "VISIONING MED 2020+ / Mediterranean in Transition: Preserving the Past – Preparing for the Future", 9-10 October, Athens, Greece (online due to Covid-19)
26. Kastelli, I., **Dimas, P.**, & Tsakanikas, A., (2019). Analysis of the Greek Food and Beverage Industry Using the WIO Database: Trends and Challenges from Production Fragmentation. 31<sup>st</sup> Annual EAEPE Conference, 12-15 September, Warsaw, Poland

## **CONTRIBUTIONS TO NATIONAL (GREEK) SCIENTIFIC CONFERENCES**

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1. Kosmadakis, V., Karmellos, M., **Dimas, P.**, and Tsakanikas, A. (2022). Analysis of the driving factors of CO<sub>2</sub> emissions from electricity production in the EU and their decoupling from economic

- growth. 13<sup>th</sup> Panhellenic Conference of Chemical Engineering, 2-4 June 2022, Patras, Greece (in Greek)
2. Stamopoulos, D., **Dimas, P.**, Danias, I., and Tsakanikas, A. (2022). Exploring the Determinants of Innovation and Export Performance in the Greek Ecosystems. 13<sup>th</sup> Panhellenic Conference of Chemical Engineering, 2-4 June 2022, Patras, Greece (in Greek)
  3. Stamopoulos, D., **Dimas, P.**, Sebos, I., and Tsakanikas, A. (2022). Preliminary Study on the Contribution of Investments in Renewable Energy Sources Based on the Greek National Plan for the Energy and Climate. 13<sup>th</sup> Panhellenic Conference of Chemical Engineering, 2-4 June 2022, Patras, Greece (in Greek)
  4. Topaloglou, E., **Dimas, P.**, and Tsakanikas, A. (2021). An empirical analysis of the global value chain of the Greek Food Beverage and Tobacco industry. 17th Annual Student Conference of the Department of Management Science and Technology, Athens University of Economics and Business, 18 May 2021, Athens, Greece (in Greek)
  5. **Dimas, P.**, Kastelli, I., Tsakanikas, A., (2019). Mapping and analysis of the Agro-food Value Chain in Greece. 12<sup>th</sup> Panhellenic Scientific Conference for Chemical Engineering, 29-31 May, Athens, Greece (in Greek)
  6. Stamou, K., **Dimas, P.**, Tsakanikas, A., (2019). The participation of Greek Manufacturing Industries in Global Value Chains: Industry cooperation and effects on competitiveness. 12<sup>th</sup> Panhellenic Scientific Conference for Chemical Engineering, 29-31 May, Athens, Greece (in Greek)
  7. Skreta, A-E., **Dimas, P.**, Tsakanikas, A., (2019). A sector analysis for the Cosmetics Industry in Greece: New trends and growth potential. 12<sup>th</sup> Panhellenic Scientific Conference for Chemical Engineering, 29-31 May, Athens, Greece (in Greek)

## 11. REVIEWER IN INTERNATIONAL SCIENTIFIC JOURNALS AND CONFERENCES

1. Review of the Evolutionary and Political Economy – Scientific Journal, Springer
2. Technological Forecasting and Social Change – Scientific Journal, Elsevier
3. Telecommunications Policy – Scientific Journal, Elsevier
4. DRUID Conferences – Series of premier annual scientific conferences in the fields of Innovation Studies, Economic Geography, Innovation and Technology Management, and the Dynamics of Structural, Institutional and Geographical Change, Organization: Copenhagen Business School, Aalborg University, University of Southern Denmark
5. International Association for Management of Technology (IAMOT) Conferences – Series of premier annual international scientific conferences in the field of Technology Management

## 12. PRESENTATIONS AND SPEECHES

### INVITED SPEAKER IN SCIENTIFIC SEMINARS

1. **Dimas, P.**, (2022). Does investing in renewable energy sources contribute to growth? The case of Greece's NECP. Web seminar organized by Energy, Environment and Water Research Centre (EEWRC) of The Cyprus Institute, 16th of March 2022 (online)
2. **Dimas, P.**, (2022). Putting intangibles and global value chains into work: new sources of comparative advantage in global markets. Web seminar organized by the Innovation Systems,

Strategy and Policy (InSySPo) unit at the University of Campinas (UNICAMP – São Paulo), 7th of February 2022 (online)

## PRESENTATIONS IN INTERNATIONAL WORKSHOPS AND SCIENTIFIC SEMINARS

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1. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2023). Trading product-embodied knowledge in global value chains. *Research Workshop “Innovation, multinationals, and international value chains. New perspectives and trends”*, Complutense Institute for International Studies, Madrid, Spain, 28 March 2023
2. **Dimas, P.**, Roth, F., and Tsakanikas, A. (2023). The contribution of intangible inputs and participation in global value chains to productivity performance – Evidence from the EU-27 and the UK. *GLOBALINTO Edited Volume Workshop*, 17-18 January 2023 (online)
3. **Dimas, P.**, Stamopoulos D., and Tsakanikas, A. (2023). Mapping the flow of intangibles in domestic and global value chains: new insights and empirical evidence from the GLOBALINTO Input-Output Intangibles database. *GLOBALINTO Edited Volume Workshop*, 17-18 January 2023 (online)
4. Sebos, I., Stamopoulos, D., **Dimas, P.**, and Assimacopoulos, D. (2022). Assessment of the economic impact of actions targeting climate resilience in Greece. *Sustainable Solutions at Times of Transition (SuST), International Symposium and Workshops*, 14-17 July 2022, Nisyros, Greece.
5. Tsakanikas, A., **Dimas, P.**, Caloghirou, Y. (2022). Integrating intangibles in global value chains: The Globalinto Input-Output Intangibles’ Database. *H2020 GLOBALINTO Final Conference*, 28-29 April 2022, Oslo, Norway.
6. Tsakanikas, A., **Dimas, P.**, Caloghirou, Y., and Vonortas, V., (2021). Business intangibles in global value chains: in search of export competitive advantage. *GLOBALINTO online workshop “Intangibles, Global Value Chains, and Productivity Growth – New evidence and perspectives”*, 23<sup>rd</sup> of November 2021 (online)
7. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2021). Knowledge creation and diffusion in production linkages: An empirical investigation on EU-based value chains. *6th EAEPE Research Area [X] ‘Knowledge, Networks and Regions’ Workshop*, 1-2 October 2021, Volos, Greece
8. **Dimas, P.**, Kastelli, I., Stamopoulos, D., and Tsakanikas, A., (2021). Upgrading in Global Value Chains: The contribution of knowledge-based capital in the export sophistication of European Food Industries. *6th EAEPE Research Area [X] ‘Knowledge, Networks and Regions’ Workshop*, 1-2 October 2021, Volos, Greece

## OTHER PRESENTATIONS, SPEECHES, AND CONTRIBUTIONS

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1. Stamopoulos, D., and **Dimas, P.** (2023). Intangible inputs, global value chains, and technological innovation in the European manufacturing sectors. *18<sup>th</sup> Seminar for the Society of Information Society and the Knowledge Economy*, 14-16 July 2023, Ermoupolis, Syros, Greece
2. **Dimas, P.** (2022). Absorptive capacity, digital capabilities, and innovation performance of Greek enterprises. *17<sup>th</sup> Seminar for the Society of Information Society and the Knowledge Economy*, 8-10 July 2022, Ermoupolis, Syros, Greece
3. Tsakanikas, A., Stamopoulos, D., and **Dimas, P.** (2022). Digital skills and the transformation of Greek manufacturing. *Athens for Industry 4.0. Summit 2022 - Innovative Business*, 17<sup>th</sup> of May 2022 (online – in Greek)

4. Tsakanikas, A., Stamopoulos, D., and **Dimas, P.** (2022). New Technologies and Digital Capacities in Greece during Industry 4.0. *Athens for Industry 4.0. Summit 2022 - Innovative Business*, 17<sup>th</sup> of May 2022 (online – in Greek)
5. **Dimas, P.** (2021). Sector Specialization in GVCs: the role of intangibles and innovation for the EU's manufacturing industries. *16<sup>th</sup> Seminar for the Society of Information Society and the Knowledge Economy*, 15-18 July 2021, Ermoupolis, Syros, Greece
6. **Dimas, P.** (2020). GLOBALINTO Input-Output Intangibles Database: A novel approach on the quantification of intangible assets. *15<sup>th</sup> Seminar for the Society of Information Society and the Knowledge Economy*, 17-19 July 2020, Ermoupolis, Syros, Greece (in Greek)
7. Topaloglou E., and **Dimas, P.** (2020). Value chain analysis of the Greek food, beverage, and tobacco products sector. *15<sup>th</sup> Seminar for the Society of Information Society and the Knowledge Economy*, 17-19 July 2020, Ermoupolis, Syros, Greece (in Greek)

### 13. OTHER PUBLICATIONS AND LITERARY WORK

#### REPORTS, DELIVERABLES, AND ACADEMIC TEXTBOOKS

1. Caloghirou, Y., **Dimas, P.**, Panagiotopoulos, P., Protogerou, A., Stamopoulos, D., and Tsakanikas, A. (2022). *Linking investments in intangible assets and global value chain participation with firm export performance*. Prepared as Deliverable 5.9 for the HORIZON2020 “GLOBALINTO: Capturing the value of intangible assets in micro data 3 to promote the EU's growth and competitiveness” project, contract number 822259. Laboratory of Industrial and Energy Economics, National Technical University of Athens, Athens.
2. **Dimas, P.**, Panagiotopoulos, P., and Tsakanikas, A. (2022). *Specialization of the digital strategy by policy sector: The Infrastructure and Transport sector*. Technical report for the project: “Specialization of the Digital Strategy for each Policy Sector”. LIEE-NTUA for the GRNET S.A. (in Greek)
3. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2022). *Specialization of the digital strategy by policy sector: The Health sector*. Technical report for the project: “Specialization of the Digital Strategy for each Policy Sector”. LIEE-NTUA for the GRNET S.A. (in Greek)
4. **Dimas, P.**, Stamopoulos, D., Athanasiadis, A., and Tsakanikas, A. (2022). *Digital Health and Real-World Data in Greece: The transformation of the health ecosystem and the structural effects on the economy*. Scientific report. LIEE-NTUA and FEIR/IOBE for MSD Greece.
5. *Technology – Innovation – Entrepreneurship: Theoretical and empirical approaches*. (2021 – today), academic e-book in the context of the project “Hellenic Academic eBooks – Kallipos”, Field: Law and Social Sciences – **co-author** (in Greek)
6. **Dimas, P.**, Stamopoulos, D., Parasoglou, K., and Tsakanikas, A. (2021). *Opinion to the Hellenic Railways Regulatory Authority for the costing model of maintenance services of TRAINOSE S.A.* Technical report for the Hellenic Railways Regulatory Authority (in Greek)
7. Sebos, I., et al., (2021). *Report on the training and skill development needs and knowledge gaps at the national level and by vulnerability sector*. Technical report for the project: “LIFE-IP AdaptInGR” – **co-author** (in Greek)
8. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. (2021). *Market trends and conditions of business activity in the Municipality of Piraeus*. Scientific report for the project: “Scientific Support for the Entrepreneurship Observatory of the Municipality of Piraeus”. LIEE-NTUA for ICAP Advisory S.A. and Grant Thornton Business Solutions (in Greek)

9. Tsakanikas, A., Roth, F., Calìò, S., Caloghirou, Y., & **Dimas, P.** (2020). The contribution of intangible inputs and participation in global value chains to productivity performance: Evidence from the EU-28, 2000-2014. *Hamburg Discussion Papers in International Economics, No.5*, University of Hamburg.
10. Tsakanikas, A., Caloghirou, Y., **Dimas, P.**, & Stamopoulos, D., (2020). *Are innovation and intangible assets driver's for EU's manufacturing competitiveness in Global Value Chains?* Prepared as Deliverable 6.3 for the HORIZON2020 "GLOBALINTO: Capturing the value of intangible assets in micro data 3 to promote the EU's growth and competitiveness" project, contract number 822259. Laboratory of Industrial and Energy Economics, National Technical University of Athens, Athens.
11. Tsakanikas, A., Vasileiadis, M., **Dimas, P.**, & Caloghirou, Y (2020). *GLOBALINTO Input-Output Intangibles Database: Industry-level data on intangibles for EU-28*. Prepared as Deliverable 6.2 for the HORIZON2020 "GLOBALINTO: Capturing the value of intangible assets in micro data 3 to promote the EU's growth and competitiveness" project, contract number 822259. Laboratory of Industrial and Energy Economics, National Technical University of Athens, Athens.
12. **Dimas, P.**, Siokas, E., and Tsakanikas, A. (2018). *Co-operation between academia and the business sector in the context of doctoral studies in Greece*. Scientific report for the project: "Supporting employment policies and recruitment of young employees in the Greek business sector". LIEE-NTUA for the Hellenic Federation of Enterprises (SEV) (in Greek)

## WORKING PAPERS

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1. **Dimas, P.**, Kastelli, I., Stamopoulos, D., and Tsakanikas, A. *Determinants of export sophistication in GVCs: the case of the European food sectors*
2. **Dimas, P.**, Stamopoulos, D., and Tsakanikas, A. *Where does the knowledge come from? Tracing embodied knowledge in global value chains*
3. Kastelli, I. and **Dimas, P.** (2023). *Industrial policy for green transition: The case of Greece*
4. Stamopoulos, D., **Dimas, P.**, & Siokas, E., Tsakanikas, A. *A preliminary analysis of the digital specialization of Greek regions*
5. Stamopoulos, D., **Dimas, P.**, Sebos, I. *Cross-border economic impact of actions targeting regional climate resilience in Greece*
6. Stamopoulos, D., **Dimas, P.**, Danias I. and Tsakanikas, A. *The Impact of Industry 4.0 Technologies, Information and Management Systems on Innovation and Export Performance: Evidence from Greece*

## OPEN DATA AND SOFTWARE

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- **Dimas, P.**, Stamopoulos, D., Tsakanikas, A, and Vasileiadis, M. (2021). GLOBALINTO Input-Output Intangibles Database. *Mendeley Data, V1*, <https://doi.org/10.17632/g9cdn9rmc2.1>

## CONTRIBUTIONS TO THE DAILY ECONOMIC PRESS

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1. "Strengthening Greece's regional competitiveness through the national smart specialization strategy (S3)" A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1024, November 2022 (in Greek)



2. “Mapping the digital divide of the Greek regions” A. Tsakanikas, **P. Dimas**, and D. Stamopoulos, *Economia*, Issue 1021, August 2022 (in Greek)
3. “The strong knowledge-base of Greece's food and beverage sector” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1020, July 2022 (in Greek)
4. “Investing in data: Real-World Data as a growth strategy for the Greek healthcare sector” A. Tsakanikas, **P. Dimas**, and D. Stamopoulos, *Economia*, Issue 1017, April 2022 (in Greek)
5. “A roadmap to leverage digital health data in the Greek economy” A. Tsakanikas, **P. Dimas**, and D. Stamopoulos, *Business Daily*, March 2022 (in Greek)
6. “Decarbonization as a sustainable growth strategy in Greece” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1015, February 2022 (in Greek)
7. “The need for an integrated research strategy remains” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1014, January 2022 (in Greek)
8. “PhDs and job opportunities in Greece” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1007, June 2021 (in Greek)
9. “The importance of intellectual property in the race against the pandemic” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1004, March 2021 (in Greek)
10. “The protection of innovation and the role of patents in the development of the Greek economy” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1002, January 2021 (in Greek)
11. “New global production challenges for the Greek food and beverage sector” A. Tsakanikas and **P. Dimas**, *Economia*, Issue 1001, December 2020 (in Greek)
12. “The contribution of business intangibles to productivity” A. Tsakanikas and **P. Dimas**, *Business Daily*, June 2020 (in Greek)
13. “Digital Transformation and Global Value Chains in the midst of the pandemic” A. Tsakanikas and **P. Dimas**, *Business Daily*, June 2020 (in Greek)

## 14. DISTINCTIONS – AWARDS

- ✓ Institutional funding for postgraduate (doctoral) studies issued by NTUA’s Research Committee based on academic and research excellence criteria. Duration: 2018-2022.
- ✓ Scholarship in the form of tuition fees exemption awarded based on academic performance (highest GPA) for each semester of the MSc Program Applied Economics and Finance, issued by AUEB’s Department of Economics. Duration: 2016

## 15. ORGANIZATIONS AND MEMBERSHIPS

- ✓ Member of the Research Network on Innovation (2022 – today)
- ✓ Member of the DRUID Community (2021 – today)
- ✓ Member of the Technical Chamber of Greece (2021 – today)
- ✓ Member of the European Association for Evolutionary Political Economy (EAEPE) (2019 – today)
- ✓ Member of NTUA’s research group on the Technological, Economic, and Strategic Analysis of the Information Society (INFOSTRAG) (2018 – today)