

# List of Publications

## Francesca Guadagno

### External Publications

#### Articles in refereed journals

- 'The EU27's 'energy-renewables' ecosystem: international competitiveness, dependencies and policy aspects' (with Robert Stehrer), *Journal of Industrial and Business Economics*, April 2025
- 'Transforming Southern Africa? A comparison of structural change experiences in the region' (with Piergiuseppe Fortunato and Rohit Ticku), *INDPOL - Industrial Policy and Regional Development*, Vol. 1, No. 1 (1), April 2021

#### Books (Monographs and editorship)

- *Why have so few countries industrialised?*, PhD Thesis, 2015

#### Articles in books

- 'Introduction to the GII 2020 Theme - Who will finance innovation?' (with Sacha Wunsch-Vincent), in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2020: Who Will Finance Innovation?, 13th Edition*, Theme Section, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2020, pp 67-74
- 'Introduction to the GII 2020 Theme - Who will finance innovation?' (with Sacha Wunsch-Vincent), in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2020: Who Will Finance Innovation?, Executive Version*, Theme Section, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2020, pp 67-74
- 'The Global Innovation Index 2019' (with Soumitra Dutta, Rafael Escalona Reynoso, Antanina Garanasvili, Cashelle Hardman, Bruno Lanvin, Lorena Rivera León and Sacha Wunsch-Vincent), in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2019: Creating Healthy Lives—The Future of Medical Innovation, 12th Edition*, Chapter 1, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2019, pp 1-39
- 'The Global Innovation Index 2018: Energizing the World with Innovation' (with Soumitra Dutta, Rafael Escalona Reynoso, Antanina Garanasvili, Bruno Lanvin, Lorena Rivera León, Kritika Saxena and Sacha Wunsch-Vincent), in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2018: Energizing the World with Innovation, 11th Edition*, Chapter 1, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2018, pp 3-69
- 'The Global Innovation Index 2017: Innovation Feeding the World' (with Soumitra Dutta, Rafael Escalona Reynoso, Bruno Lanvin, Jordan Litner and Sacha Wunsch-Vincent), in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2017: Innovation Feeding the World, 10th Edition*, Chapter 1, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2017, pp 3-45
- 'Measuring Innovation in Agriculture and Food Systems', in: Soumitra Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2017: Innovation Feeding the World, 10th Edition*, Annex 4, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca, Fontainebleau, and Geneva, 2017, pp 73-80
- 'Industrial policy in the European Union' (with Kristine Farla and Bart Verspagen), in: Jesus Felipe (eds), *Development and Modern Industrial Policy in Practice: Issues and Country Experiences*, Chapter 13, Social And Political Science 2015, Co-publication of the Asian Development Bank and Edward Elgar Publishing, April 2015, pp 346-395
- 'Benchmarking Innovation Outperformance at the Global and Country Levels' (with Rafael Escalona Reynoso, Alexandra L. Bernard, Bruno Lanvin, Michaela Saisana, Martin Schaaper and Sacha Wunsch-Vincent), in: Soumitra

Dutta, Bruno Lanvin and Sacha Wunsch-Vincent (eds), *The Global Innovation Index 2015: Effective Innovation Policies for Development*, Chapter 2, The Global Innovation Index, Cornell University, INSEAD, and WIPO, Ithaca and Geneva, 2015, pp 65-79

### Shorter papers and comments

- 'Industrial policies in lower-middle-income countries', *International Centre for Trade and Sustainable Development (ICTSD) and World Economic Forum*, June 2015

### Other working papers and discussion series

- 'Towards a Decarbonised and Competitive Europe: Implications for EU member states' (with Robert Stehrer and Zuzana Zavorská), *Friedrich Ebert Stiftung, Study*, May 2025
- 'The EU27's 'energy-renewables' ecosystem: Importance, dependencies and policy aspects' (with Robert Stehrer), *European Commission, Single Market Economics Briefs*, No. 9, April 2024
- 'Trends and drivers of global value chains and the role of MNEs in the recent wave of globalisation ' (with Luca Bettarelli, Calogero Brancatelli, Simona Comi, Louise Curran, Bernhard Dachs, Gaaitzen J. De Vries, Mahdi Ghodsi, Mara Grasseni, Ferry Koster, Michael Landesmann, Laura Resmini, Alissa Van Zijl, Nina Vujanović, Anna Wolfmayr and Zuzana Zavorská), in: Francesca Guadagno, Michael Landesmann and Zuzana Zavorská (eds), *TWIN SEEDS, Work Package 1*, 2023
- 'Transforming Southern Africa - Harnessing Regional Value Chains and Industrial Policy for Development', in: Piergiuseppe Fortunato and Francesca Guadagno (eds), *UNCTAD, UNCTAD/GDS/ECIDC/2021/1*, Geneva, 2021
- 'Horticulture, and wood and furniture industries in Tanzania - Performance, challenges and potential policy approaches' (with André Bueno Rezende de Castro, Michele Delera and Samuel Wangwe), *International Growth Centre (IGC)*, Final Report, November 2019
- 'Structural Transformation and Export Diversification in Southern Africa' (with Piergiuseppe Fortunato and Rohit Ticku), *UNCTAD, UNCTAD/GDS/ECIDC/2017/5*, 2018
- 'Evaluierung des COMET-Programms' (with Maria del Carmen Calatrava Moreno, Tobias Dudenbostel, Harald Grill, Sandra Skok, Katharina Warta and Simon Zingerle), *technopolis group, Endericht*, Juni 2021
- 'The determinants of industrialisation in developing countries, 1960-2005', *UNU-MERIT Working Paper Series*, #2016-031, 2016
- 'The role of industrial development banking in spurring structural change', *UNIDO, Inclusive and Sustainable Industrial Development Working Paper Series*, WP 8, 2016
- 'Virtual Institute Teaching Material on Structural Transformation and Industrial Policy', in: Piergiuseppe Fortunato and Francesca Guadagno (eds), *UNCTAD, UNCTAD/GDS/2016/1*, New York and Geneva, 2016
- 'Breakthrough technologies - Semiconductor, innovation and intellectual property' (with Thomas Hoeren and Sacha Wunsch-Vincent), *WIPO, Economic Research Working Paper*, No. 27, November 2015
- 'One foot on the ground, one foot in the air: Ethiopia's delivery on an ambitious development agenda' (with Tom Berliner, Amanda Lenhardt and Andrew Rogerson), *ODI Development Progress, European Centre for Development Policy Management (ecdpm)*, Case Study Report, September 2015
- 'Working for economic transformation' (with Tom Berliner, Bruce Byiers and Laura Rodríguez Takeuchi), *ODI Development Progress, European Centre for Development Policy Management (ecdpm)*, Dimension Paper 03, March 2015
- 'Promoting productive employment in Sub-Saharan Africa: A review of the literature' (with Mulu Gebreeyesus, Adam Szirmai and Bart Verspagen), *UNU-MERIT Working Paper Series*, #2013-062, 2013

### wiiw Publications

#### wiiw Monthly Reports

- 'Chart of the month: Moving up the ladder of 'complexity' via structural transformation', in: Vasily Astrov (eds), *Monthly Report No. 10/2023, wiiw Monthly Report*, No. 10, Vienna, October 2023, pp. 7-8

#### wiiw Research Reports

- 'Toward Innovation-driven Growth: Innovation Systems and Policies in EU Member States of Central Eastern Europe' (with Alexandra Bykova, Viktrória Dóme, Richard Grieveson, Doris Hanzl-Weiss, Nadya Heger, Niko Korpar, Sebastian Leitner, Jan Muš, Magdolna Sass, Bernd Christoph Ströhm, Andrea Szalavetz, Maryna Tverdostup and Zuzana Zavorská), *wiiw Research Report*, No. 476, Vienna, September 2024
- 'Where are the Growth Potentials in CESEE? An Illustration of Sectors and Products Using the Product Space' (with Doris Hanzl-Weiss and Robert Stehrer), *wiiw Research Report*, No. 474, Vienna, July 2024
- 'Assessing the International Interlinkages and Dependencies of the EU27 'Energy-renewables' Ecosystem' (with Robert Stehrer), *wiiw Research Report*, No. 473, Vienna, May 2024

### **wiiw Working Papers**

- 'Innovation interactions: Multinational spillovers and local absorptive capacity' (with Ronald B. Davies and Mahdi Ghodsi), *wiiw Working Paper*, No. 265, Vienna, June 2025

### **wiiw Policy Notes and Reports**

- 'Harnessing FDI for innovation and green growth in the EU: Some evidence-based policy recommendations' (with Chiara Castelli, Ronald B. Davies, Javier Flórez Mendoza, Mahdi Ghodsi, Francesca Micocci and Armando Rungi), *wiiw Policy Note/Policy Report*, No. 97, Vienna, June 2025
- 'The future of the EU's competitive position: The role of Central Eastern European countries' (with Matteo Ferrazzi, Doris Hanzl-Weiss, Jochen Schanz, Tomáš Slačik and Robert Stehrer), *wiiw Policy Note/Policy Report*, No. 93, Vienna, April 2025
- 'The Impact of Green Technologies on GDP and Employment in the EU' (with Oliver Reiter and Robert Stehrer), *wiiw Policy Note/Policy Report*, No. 80, Vienna, June 2024

### **wiiw Opinion Pieces**

- 'Challenges and potential opportunities for the EU steel industry in the face of US tariffs' (with Robert Stehrer), *wiiw Opinion Piece*, Vienna, March 2025