

## DIAZ LOPEZ, Fernando Javier

### HEC Paris

**Climate and Earth Centre, Sustainability & Organisations Institute (S&O)**

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### Positions in Academic Institutions (includes honorary appointments)

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03/2024 to present	<i>Executive Director Climate and Earth Centre (full time) – Society and Organisations (S&amp;O) Institute, HEC Paris (FRA)</i> <a href="https://www.hec.edu/en/faculty-research/centers/sustainability-organizations-institute/climate-and-earth">https://www.hec.edu/en/faculty-research/centers/sustainability-organizations-institute/climate-and-earth</a>
03/2015 to present	<i>Associate Professor Extra-ordinary of Sustainability Systems (honorary), Department of Engineering Management, School of Industrial Engineering, Stellenbosch University (ZA)</i> <a href="https://ie.sun.ac.za/">https://ie.sun.ac.za/</a>
09/2019 to present	<i>Research affiliate (honorary), Sustainability Environmental Economics and Dynamic Studies SEEDS, University of Ferrara (ITA)</i> <a href="https://www.sustainability-seeds.org/">https://www.sustainability-seeds.org/</a>
06/2023 to present	<i>Research affiliate (honorary), INNOGREEN Research Group on Eco-innovation and Circular Economy, University of Alcalá (ES)</i> <a href="https://innogreen.net/">https://innogreen.net/</a>

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### Research & education interests

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- Eco-innovation, circularity and sustainable business models for climate mitigation and sustainability in industry, value chains and SMEs.
- Systems transitions & climate innovation for transformative adaptation and resilience.

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### Education

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10/2002 to 10/2008	<i>Doctor of Philosophy, International Economic Development, University of East Anglia (UK).</i> <a href="https://www.uea.ac.uk/web/about/school-of-global-development/phd-programmes">https://www.uea.ac.uk/web/about/school-of-global-development/phd-programmes</a> Supervisors: Professors Rhys O. Jenkins and Michael Stocking
09/2000 to 07/2002	<i>Master of Philosophy, Economics and Management of Innovation (Distinction), Universidad Autónoma Metropolitana (MEX) - UAM Medal for Academic Merits; best dissertation award.</i> <a href="http://dcsh.xoc.uam.mx/posgrados/megpi/">http://dcsh.xoc.uam.mx/posgrados/megpi/</a> Supervisor: Professor Daniel H. Villavicencio.
19/1995 to 07/2000	<i>Bachelor of Science, Chemical Engineering (Distinction), Universidad Autónoma del Estado de México (MEX) – Award for first student graduated.</i> <a href="https://quimica.uaemex.mx/ofertaeducativap/licenciaturas/ig.html">https://quimica.uaemex.mx/ofertaeducativap/licenciaturas/ig.html</a> Supervisor: Professor Carlos E. Barrera Diaz.

#### Education for teaching and learning

2019 to present	Learning and Teaching in Higher Education, Postgraduate Certificate, University of London
2002 to 2005	PhD Personal & Professional Development programme: lecture and seminar teaching, assessment, feedback, module & course design –University of East Anglia

#### Certificates and other courses (relevant to education and research)

2019	High Impact Leadership. Advanced Diploma by INSEAD Business School, France
2017 and 2011	Project management based on International Project Management Association (basic / advanced) – Course diploma by CapGemini and TNO
2008 and 2011	How to write / How to administer European framework programme research proposals, Course diploma by the Hypherion Ltd.

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### Past work experience

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#### Previous positions in research and academia

01/2023 to 03/2024	<i>Director of Research &amp; Cluster Co-Director 'Resilient and Climate Neutral Regions', EIT Climate KIC (FR)*</i> <a href="https://www.climate-kic.org/programmes/place-based-transformations/">https://www.climate-kic.org/programmes/place-based-transformations/</a>
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01/2022 to 03/2024	Scientific Director Transitions Hub, EIT Climate KIC (FRA) (part of the European Institute of Innovation and Technology) <a href="https://transitionsHub.climate-kic.org">https://transitionsHub.climate-kic.org</a>
01/2022 to 01/2023	Director of Research Strategy, EIT Climate KIC (FRA) <a href="https://www.climate-kic.org/programmes/europe-2030-missions/">https://www.climate-kic.org/programmes/europe-2030-missions/</a>
02/2015 to 09/2019	Senior Researcher & Programme Director, Department of TNO Energy and TNO Caribbean, Netherlands Organisation for Applied Scientific Research TNO (NL) <a href="https://www.tno.nl/en/">https://www.tno.nl/en/</a>
07/2009 to 02/2015	Scientific Researcher, Expertise Centre Strategic Analysis and Policy (now TNO Vector), TNO (NL) <a href="https://vector.tno.nl/en/">https://vector.tno.nl/en/</a>
09/2008 to 12/2014	Research affiliate, research group 'Innovation and Management in Organisations', Department of Institutional Studies (DESIN), Universidad Autonoma Metropolitana (MEX) <a href="https://dcsh.cua.uam.mx/estudios-institucionales/presentacion-estudios-institucionales/">https://dcsh.cua.uam.mx/estudios-institucionales/presentacion-estudios-institucionales/</a>
10/2007 to 07/2009	Junior Researcher, Business Unit Innovation and Environment and Competence Centre for Transitions. TNO (NL)
10/2002 to 10/2007	Post-graduate Researcher & Teaching Assistant, School of International Development, Faculty of Social Sciences, University of East Anglia (UK). <a href="https://www.uea.ac.uk/about/school-of-global-development">https://www.uea.ac.uk/about/school-of-global-development</a>

\* EIT CKIC is one of the Knowledge and Innovation Communities of the European Institute of Innovation and Technology, funded by Horizon Europe. <https://eit.europa.eu/global-challenges/about-our-communities>

### Industry experience (private sector)

Since 2019	Senior researcher and founder, Eco-innovation Research (FRA)
Oct 2020 to Nov 2021	Principal consultant, Technopolis Group (FRA)
Sep 1998 – Jul 1999	Junior Environmental Engineer (internship), Nalcomex Lerma Facility, Nalco Company (now Ecolab), (MEX)

### Editorial appointments

Since 2021	Associate Editor, Cleaner Waste Systems – Elsevier (part of the family of the Journal of Cleaner Production) <a href="https://www.sciencedirect.com/journal/cleaner-waste-systems/about/editorial-board">https://www.sciencedirect.com/journal/cleaner-waste-systems/about/editorial-board</a>
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### Service and boards

02/2021 to date	Member Scientific Board, PhD Programme on Sustainability and Wellbeing, University of Ferrara (ITA). <a href="https://www.unife.it/studenti/dottorato/it/corsi/riforma/environmental-sustainability-and-wellbeing">https://www.unife.it/studenti/dottorato/it/corsi/riforma/environmental-sustainability-and-wellbeing</a>
01/ 2021 to date	Member of the Steering Board and Co-Founder, Eco-innovation Society (FRA) <a href="https://www.inno4sd.net/ecoi-society-6">https://www.inno4sd.net/ecoi-society-6</a>
01/ 2015 to date	Chairman of the Supervisory Board, Causa Natura (MEX) <a href="http://causanatura.org/">http://causanatura.org/</a>

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## Publications

### Articles in referred journals

- Guerreschi, A., & F.J. DIAZ LOPEZ. (2023) *A bibliometric analysis on co-operatives in circular economy and eco-innovation studies*. **Sustainability**. 15 (21) 15595. Special Issue "Co-operating for Change: Roles, Potentials, and Challenges of Cooperatives in the Decade Leading up to the Sustainable Development Goals. <https://doi.org/10.3390/su152115595> [Citations: 3 (google scholar)]
- Giannetti, B. F., DIAZ LOPEZ, F. J., Liu, G., Agostinho, F., Sevegnani, F., & Almeida, C. M. (2023). *A Resilient and Sustainable World: Contributions from Cleaner Production, Circular Economy, Eco-innovation, Responsible Consumption, and Cleaner Waste Systems*. Special Issue at **Journal of Cleaner Production**, 384 (135465). <https://doi.org/10.1016/j.jclepro.2022.135465> [Citations: 14 (google scholar)]
- Rivera Delgado, D., G. Carrillo & F.J. DIAZ LOPEZ. (2021) *Energy transition, innovation, and direct uses of geothermal energy in Mexico: a thematic modelling analysis*. **Problemas del Desarrollo**. 52 (206) <https://doi.org/10.22201/iiec.20078951e.2021.206.69713> [Citations: 6 (google scholar)]
- DIAZ LOPEZ, F.J., T. Bastein & A. Tukker. (2019) *Business model innovation for resource-efficiency, circularity and cleaner production: what 143 case studies tell us*. **Ecological Economics**. Special Issue: PoLicy For a Resource Efficient Europe. 155, 20-35. DOI: <https://doi.org/10.1016/j.ecolecon.2018.03.009> [Citations: 237 (google scholar)]
- Kemp, R, Arundel, A, Rammer, C, Miedzinski, M, Tapia, C, Barbieri, N, Turkeli, S, Bassi, Mazzanti, M, Chapman, D, DIAZ LÓPEZ, Fernando J., & W. McDowall (2019). *Measuring Eco-innovation for a Green Economy*.

**Wirtschaftspolitische Blätter**. Special issue on Sustainability. Vol. 66, No. 4, p.391-404.

<https://www.wko.at/site/WirtschaftspolitischeBlaetter/kemp-et-al-04-2019.pdf> [Citations: 25 (google scholar)]

6. DIAZ LOPEZ, F.J. & C. Montalvo. (2015) *A comprehensive review of the evolving and cumulative nature of eco-innovation in the chemical industry*. **Journal of Cleaner Production**. 102 (2015), p. 30-43. DOI: <https://doi.org/10.1016/j.jclepro.2015.04.007> [Citations: 108 (google scholar)]
7. Coenen, L and F.J. DIAZ LOPEZ (2010) *Comparing systems approaches to innovation and technological change for sustainable and competitive economies: an explorative study into conceptual commonalities, differences and complementarities*. **Journal of Cleaner Production** 18(12), 1149-1160, <https://doi.org/10.1016/j.jclepro.2010.04.003> [Citations: 467 (google scholar)]
8. DÍAZ LÓPEZ, F.J., Filardo, S., Díaz S, F (2005) *Local knowledge and appropriate technology: lessons from the Alto Mezquital in Mexico*, **Alteridades**, 29 (Ene-Jun), p. 9-21 <http://alteridades.izt.uam.mx/index.php/Alte/article/view/284/283> [Citations: 15 (google scholar)]

## Books

1. DIAZ LOPEZ, F.J., M. Mazzanti, & R. Zoboli (Eds). (2023) *Handbook of Innovation, Society and the Environment*. Edward Elgar Publishing. Cheltenham. ISBN: 9781802200058. <https://doi.org/10.4337/9781802200065> [Citations: 2 (google scholar)]
2. DIAZ LOPEZ, F.J., (2003) *Innovación y Ambiente. La Industria Química en México*, [Innovation and Environment. The Chemical Industry in Mexico] Breviarios de la Investigación. UAM. Mexico. 225p. ISBN: 9703102255 [https://publicaciones.xoc.uam.mx/TablaContenidoLibro.php?id\\_libro=9](https://publicaciones.xoc.uam.mx/TablaContenidoLibro.php?id_libro=9) [Citations: 6 (google scholar)]

## Book chapters (selected)

1. DIAZ LOPEZ, F.J., M. Mazzanti, & R. Zoboli. (2023) *Towards a sustainable, circular, innovative and fair economy: an introduction*. In: *Handbook of Innovation, Society and the Environment*. Diaz Lopez, F.J; M. Mazzanti, and R. Zoboli (Eds). Edward Elgar Publishing. Cheltenham <https://doi.org/10.4337/9781802200065.00007> [Citations: 3 (google scholar)]
2. DIAZ LOPEZ, F.J., D. Rivera Delgado & D. Villavicencio Carbajal. (2023) *Barriers to eco-innovation and public R&D incentives: evidence from Mexico*. In: *Handbook on Innovation, society and the environment*. Mazzanti, M., Diaz Lopez, F.J; and R. Zoboli (Eds). Edward Elgar Publishing. Cheltenham. <https://doi.org/10.4337/9781802200065.00013>
3. DIAZ LOPEZ, F.J.(2023) *Business innovation*. In: *Dictionary of Ecological Economics: Terms for the New Millennium*. Brent Haddad & Barry D. Solomon (Eds). Edward Elgar Publishing. Cheltenham. p. 46-47. ISBN. 9781788974905. <https://doi.org/10.4337/9781788974912.B.46>
4. DIAZ LOPEZ, F.J. (2023) *Resource Efficiency*. In: *Dictionary of Ecological Economics: Terms for the New Millennium*. Brent Haddad & Barry D. Solomon (Eds). Edward Elgar Publishing. Cheltenham. p 464. ISBN. 9781788974905. <https://doi.org/10.4337/9781788974912.R.42>
5. Laurette Dube, S. Wolfert, K. L. Zimmermann, N. Yang, F.J. DIAZ LOPEZ, R. Arvanitis, R. S. Schillo, S. Hamalova, J. Nie & S. Brown (2021). *Convergence research and innovation digital backbone: behavioral analytics, artificial intelligence, and digital technologies as bridges between biological, social, and agri-food systems*. In: *How is Digitalization Affecting Agri-food? New Business Models, Strategies and Organizational Forms*. Edited by: Maria Carmela Annosi and Federica Brunetta. Routledge, London, p. 111-125. ISBN 9780367196516 <https://www.routledge.com/How-is-Digitalization-Affecting-Agri-food-New-Business-Models-Strategies/Annosi-Brunetta/p/book/9780367196516> [Citations: 2 (google scholar)]

## Working papers (selected)

1. DIAZ LOPEZ, F.J. & C. Montalvo (2015). *Qualitative data mining of large datasets: The case of long waves of eco-innovation in the chemical industry (1901-2011)*. TNO Working Paper Series, No. 2015-04. May, Delft, 34p.
2. Tan, A. DIAZ LOPEZ, F.J., Mudgal, S. and A. Tukker (2013) *Can European Eco-Innovation Policies Accelerate the Uptake of Product-Service Systems?* TNO Working Paper Series, No. 2013-02. August, Delft, 35p.
3. Suurs, R., DIAZ LOPEZ, F.J. de Boer, J, Miedema, M., and R. A. Mashelkar (2013). *A Systems-Based Model For The Successful Scaling of Inclusive Innovation*. TNO Working Paper Series, No. 2013-01. August, Delft, 35p. [Citations: 6 (google scholar)]
4. Coenen, L and Bennenworth, P and F.J. DIAZ LOPEZ (2010) *Towards a theory for transition regions in sustainable energy innovation: comparing system innovation and innovation systems*. TNO Working Paper Series, No. 2010-01, December, Delft, 25p

## Articles for practice (selected)

1. Totti Könnölä, Pablo del Rio, Javier Carrillo Hermosilla, & F.J. DÍAZ LÓPEZ. (2023) *Innovación verde en América Latina y el Caribe: marco conceptual*. Technical Note Series IDB-TN-2704. Banco Interamericano de Desarrollo. Washington. 33 p. <http://dx.doi.org/10.18235/0004890> [Citations: 1 (google scholar)]

- Totti Könnölä, Pablo del Rio, Javier Carrillo Hermosilla, & F.J. DÍAZ LÓPEZ. (2023) Innovación verde en América Latina y el Caribe: estudio de casos sobre la gestión de programas de apoyo. Technical Note Series IDB-TN-2703 Banco Inter-Americano de Desarrollo. Washington. 35 p. <http://dx.doi.org/10.18235/0004891>
- Salazar, J.C. (Editor) (2019) *Recomendaciones de política para la integración de tecnologías ecológicamente racionales en los sistemas nacionales de innovación*. Juan Carlos Salazar, P. Maio, A. M. Angel, J. C. Ramirez, C. Hinojosa, J. Blanco, L. Pinzon, D. Jacome, F.J. DIAZ LOPEZ, B. Sanchez, E. Arrilucea. Inter-American Development Bank Washington. Nota Técnica No. IDB-TN-01757. Banco Interamericano de Desarrollo, Division de Cambio Climático., Washington, 161 p. [https://api.paperflite.com/api/2.0/shared\\_url/5ddd5f69c9e77c0001b84f21/asset/5ddd5f69c9e77c0001b84f20/download](https://api.paperflite.com/api/2.0/shared_url/5ddd5f69c9e77c0001b84f21/asset/5ddd5f69c9e77c0001b84f20/download)
- Díaz López, F.J., & C. Montalvo (2011) Repensando la innovación desde un punto de vista de la sostenibilidad ambiental: ¿es la eco-innovación una herramienta-objetivo real, necesaria y alcanzable para países emergentes? *Innovación y Competitividad*, No. 44, October -June, 22p <http://online.fliphtml5.com/yacl/ywvj/index.html#p=11> [Citations: 5 (google scholar)]
- Villavicencio, D., and F.J. DIAZ LOPEZ (2004) Innovation and environment: lessons from the Mexican Chemical Industry, *Comercio Exterior*, 54 (12) p. 1056-1069 <http://revistas.bancomext.gob.mx/rce/maqazines/73/2/RCE2.pdf> [Citations: 5 (google scholar)]

### Manuals and Guidelines (for practice)

- Ho, D, Charalambides, A., M. A. Callus, D. Spiteri, B. Camacho Avila & F.J. DIAZ LOPEZ (2023). Guidebook. Designing Research & Innovation Action Plans for Transformative Climate Action in Island Ecosystems. Special Report of the MICIE | Mediterranean Island Cleantech Innovation Ecosystem project. Grant Agreement 101070800. EIT Climate KIC, Cyprus University of Technology and Energy and Water Agency. Amsterdam (the Netherlands). 54 p. ISBN: 9789090384245 <http://dx.doi.org/10.13140/RG.2.2.29206.56646>
- Kemp, R., Arundel, A., Rammer, C., Miedzinski, M., Tapia, C., Barbieri, N., Türkeli, S., Bassi, A., Mazzanti, M., Chapman, D., DIAZ LOPEZ, F. J. & McDowall, W. (2020). *Maastricht Manual on Measuring Eco-innovation for a Green Economy*, Maastricht, Innovation for Sustainable Development Network, Maastricht, 141p. ISBN 9789090329987. <https://www.inno4sd.net/uploads/originals/1/inno4sd-pub-mgd-02-2019-fnl-maastrich-manual-ecoinnovation-isbn.pdf> [Citations: 42 (google scholar)]
- Miedzinski, M., W. Mcdowall, J. Fahnstock, G. Muller, and F.J. Diaz Lopez (2019). *Science, Technology and Innovation Policy Roadmaps for the SDGs: A Guide for design and implementation*. Innovation for Sustainable Development Network, London, 41p. ISBN pending. <https://www.inno4sd.net/uploads/originals/1/inno4sd-pub-mgd-01-2019-fnl-sti-policy-roadmap-sdgs.pdf> [Citations: 2 (google scholar)]

### Pipeline of academic publications in R&R

#### Publications in press / R&R

- Guerreschi, A., & F.J. DIAZ LOPEZ. *Redefining production and consumption in producer cooperatives through sustainability, eco-innovation, and circularity*. *Innovations for Circularity and Knowledge Creation*. Massimiliano Mazzanti, Andrea Bernardi and Salvatore Monni (Eds). Springer Nature (Scheduled for July 2024) [https://books.google.fr/books/about/Innovations\\_for\\_Circularity\\_and\\_Knowledge.html?id=ruOs0AEACAAJ&redir\\_esc=y](https://books.google.fr/books/about/Innovations_for_Circularity_and_Knowledge.html?id=ruOs0AEACAAJ&redir_esc=y)
- de Kock, Imke H., Alan C. Brent & F.J. DIAZ LOPEZ, *A closer look: The South African energy transition*. *Handbook of Sustainability Transitions and Innovation in Latin America*. Vang, J., Helene Balslev Clausen (Eds) Edward Elgar Publisher <https://vbn.aau.dk/en/publications/handbook-of-sustainability-transitions-and-innovation-in-latin-am>

#### Submitted for publication:

- Montalvo, C., K. Karanikolova, & F. J. DIAZ LOPEZ. *Green and digital “twin” transitions: process of structuration and evolution of circularity and digital innovation*. Paper submitted to **Technology Foresight and Social Change**.

#### Under elaboration

- F.J. DIAZ LOPEZ, S. Khan, N. Arfaoui, & L.C. Vo. Determinants of *the Transitions to Circular Business Models: survey evidence from MENA countries*. **Regional Studies** (Progress 30%)
- Koetz, T., DIAZ LOPEZ, F.J., D’Errico, S., Bakshi, S., Alviál Palavicino, et. al. *Transformative Innovation for Climate Resilience: a framework to foster climate adaptation pathways in European regions*. **Science** - - Policy Forum. (Progress 10%)

### Other academic publications

#### Conference papers (selected)

- Montalvo, C., K. Karanikolova & F.J. Diaz Lopez (2021). *Green and digital “twin” transitions: process of structuration and evolution*. Paper presented at the EU-SPRI Conference 2021 “Science and innovation – an uneasy relationship? Rethinking the roles and relations of STI policies”. University of Oslo & Nordic Institute for

- Studies in Innovation, Research and Education (NIFU), Oslo (virtual), June 9-11, 2021. [Citations: 1 (google scholar)]
- Best, A., F. J. DIAZ LOPEZ and M. Mazzanti (2020). *How digitalisation can help or hamper in the climate crisis*. Input paper for the Think2030 Conference "Harnessing the European Green Deal to address the Climate Crisis: Anticipating Risks, Fostering Resilience", Ecologic Institute, IEEP and TMG. Berlin (virtual), November 16-17. 12 p.
  - F. J. DIAZ LOPEZ (2020). *Sustainable Product Policy and Business Model Innovation for Accelerating the Circular Transition in Europe*. Paper presented at the Conference "Environmental Sustainability and The European Green Deal: values, innovation and regulation". University of Ferrara, Department of Economics and Management, the Centre for Research in Circular Economy, Innovation and SMEs (CERCIS) and the European Law Institute (ELI). Online conference. November 12. 10 p.
  - Suurs, R, DIAZ LOPEZ, F.J., de Boer, J, Miedema, M, de Kamp, L and R. A. Mashelkar, (2013) *A Systems-based Model for the Successful Scaling Up of Innovation at the Bottom of the Pyramid*, paper presented at the International Workshop: New Models of Innovation for Development, University of Manchester and UK Development Studies Association, 4-5 July 2013 [Citations: 6 (google scholar)]
  - DIAZ LOPEZ, F.J. and F. Brandes (2010). *Defining firm's competitive sustainability: from fuzzy conceptions to a primer definition and a research agenda*. 16th Annual International Sustainable Development Research Conference 2010: A new agenda for global governance. Special Track: What is eco-innovation? Pursuing an operational definition. University of Hong Kong, June 1-3, 29p. [Citations: 5 (google scholar)]
  - Diaz Lopez, F.J. (2008) *A tailored method to measure eco-innovation strategies (in the South)*. DIME International Conference. University of Bordeaux. [Citations: 10 (google scholar)]

## Other publications

### Contributions to official documents

- European Commission (2022) Commission Staff Working Document IMPACT ASSESSMENT Accompanying the document Proposal for a Regulation of the European Parliament and of the Council establishing a framework for setting ecodesign requirements for sustainable Products and Repelling Directive 2009/125/EC. Parts 1/4, 2/4,3/4 and 4/4 . Brussels. [https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12567-Sustainable-products-initiative\\_en](https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12567-Sustainable-products-initiative_en) [CONTRIBUTION TO IMPACT ASSESSMENT STUDY]
- UN Environment & the European Commission (2017) *Mainstreaming Eco-innovation in Sustainable Consumption and Production Policies*. Paris: United Nations Environment and the European Commission. [http://unep.ecoinnovation.org/wp-content/uploads/2018/03/UNEP\\_157-Mainstreaming-ecoinnovation\\_web.pdf](http://unep.ecoinnovation.org/wp-content/uploads/2018/03/UNEP_157-Mainstreaming-ecoinnovation_web.pdf) [CONTRIBUTOR]
- UN Environment & the European Commission, (2017). *Eco-innovation Manual. Eco-innovation implementation process*, Paris, United Nations Environment Program. [http://unep.ecoinnovation.org/wp-content/uploads/2017/07/UN\\_Environment\\_Eco%2%E2%80%9494i\\_Manual-1.pdf](http://unep.ecoinnovation.org/wp-content/uploads/2017/07/UN_Environment_Eco%2%E2%80%9494i_Manual-1.pdf) [CONTRIBUTOR BASELINE STUDY]
- UNEP 2014. *The Business Case for Eco-innovation*, United Nations Environment. Paris. [https://wedocs.unep.org/bitstream/handle/20.500.11822/10613/BCForEI\\_EN.pdf?sequence=1&amp%3BisAllowed=y%2C%20French%7C%7Chttps%3A/wedocs.unep.org/bitstream/handle/20.500.11822/10613/BCForEI\\_FR.pdf](https://wedocs.unep.org/bitstream/handle/20.500.11822/10613/BCForEI_EN.pdf?sequence=1&amp%3BisAllowed=y%2C%20French%7C%7Chttps%3A/wedocs.unep.org/bitstream/handle/20.500.11822/10613/BCForEI_FR.pdf) [SCIENTIFIC ADVISOR]
- European Commission (2010). *European Competitiveness Report 2010. Chapter 4 Key Enabling Technologies. Brussels: Commission of the European Communities*. <https://op.europa.eu/en/publication-detail/-/publication/cedadcf-d2eda-47d4-a04c-739acc2b70b2> .[CONTRIBUTOR UNDERLYING STUDY]

### Research reports (selected documents)

- Koetz, T., L. Arbau, S. Bakshi, T. de Boer, K. Dellis, K. England, L. Heidenreich, O. Higuera-Roa, A. Jaiyeola, H. Johansson, J. Nikinmaa, C. Qian, R. Silva, M. Corvaro, A. Warren, S. Zorita Castresana, & F. J. DIAZ LOPEZ (2024) *A Guide to the Regional Resilience Journey*. Pathways2Resilience Project. EIT Climate KIC & ICLEI Europe. Brussels. 24 p.
- DIAZ LOPEZ, F.J. Gil Velasco, M., C. Girado, E. Aman, J. Martin Corvillo (2023). *Cómo impulsar la transición hacia la economía circular a través de políticas de ciencia, tecnología e innovación. Informe Final*. EIT Climate KIC para el Banco Inter-Americano de Desarrollo. Paris. 39 p.
- DIAZ LOPEZ, F.J., Veillet-Lavallée, M.; Le Gallou, M.; Doranova, A.; Beckers, D.; Dahll Steinert, M.; Zhechkov, R.; Von Kolpinski, C.; Froese, T.; Hosseinioun, S., Schuler, J.; Bodenheimer, M.; krauß, K.. & F. Lüdeke-Freund (2021). *Support for new and upcoming circular business models*. Task 5 Deliverable of the Study supporting the Impact Assessment of the Sustainable Product Initiative. European Commission, DG Grow. Paris.
- DIAZ LOPEZ, F.J. (2019). *Green Innovation Policies for Latin America and the Caribbean*. Inter-American Development Bank - IDB. Washington, 122 p.
- DIAZ LOPEZ, F.J., Becker, J., Berkers, F., Eris, B., Koers, W., Vliet, H., and T. Bastein (2014) *Report on new business models that support resource efficiency*. Deliverable D2.4 Policy Options for a Resource-Efficient Economy (POLFREE). FP7-funded project. Grant Agreement no. 308371. Delft, 133 p. [Citations: 5 (google scholar)]
- Bastein, T., Koers, W., Dittrich, K, Bekker, J and F.J. DIAZ LOPEZ (2014) *Business Barriers to Resource Efficiency*, Deliverable 1.5 Policy Options for a Resource-Efficient Economy (POLFREE). FP7-funded project.

- Grant Agreement no. 308371. Delft, 88 p. [Citations: 23 (google scholar)]
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## Grants (research projects)

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### On-going research grants (projects in execution)

- 01/01/2024 (for 36 months) *Harnessing the vast potential of RES for sustainable farming - HARVREST (HORIZON-CL6-2023-CLIMATE-01-7)*, Horizon Europe - RIA, €4.9 million EC contribution (own budget €467k EC contribution). Role: PI  
<https://cordis.europa.eu/project/id/101136904>
- 01/01/2023 (for 60 months) *P2R/Pathways2Resilience: Co-developing Pathways Towards Climate Resilient Regions in Europe (HORIZON-MISS-2021-CLIMA-02-02)*. Horizon Europe - RIA, €29,6 million EC contribution (own budget €23.5 million). Role: consortium coordinator and PI. <https://cordis.europa.eu/project/id/101093942>
- 15/10/2021 (for 18 months) *Barriers for the transition to Circular Business Models*; Catholic University of Lyon, ESDES Institute for Sustainable Organisations; 25k EUR.

### Past research grants – selected projects (showing 8 out of 25)

- 07/2022 to 01/2024 *Mediterranean Island Cleantech Innovation Ecosystem – MICIE [HORIZON-EIE-2021-CONNECT-01-01]*. Horizon Europe - CSA, €482k EC contribution (own budget €62k) <https://cordis.europa.eu/project/id/101070800>
- 06/2022 to 01/2024 *European Community of Practice supporting Hubs for Circularity - H4C ECoP [HORIZON-CL4-2021-TWIN-TRANSITION-01-16]*. Horizon Europe – CSA Total budget €1.66 million EC contribution (own budget €265k EC contribution) <https://cordis.europa.eu/project/id/101058656>
- 03/2015 to 01/2019 *European Global Transition Network on Eco-Innovation, Green Economy and Sustainable Development – Green.eu [SC5-14-2014]*. Horizon 2020 – CSA. Total budget €3 million EC contribution (own budget €925k EUR). Role: Consortium coordinator and PI. <https://cordis.europa.eu/project/id/641974>
- 10/ 2016 (for 44 months) *Gemex: cooperation in geothermal energy research Europe-Mexico for development of enhanced geothermal systems and superhot geothermal systems*. Horizon 2020 – RIA. Total budget 19,5 Million EUR (€10 million EC contribution, €9,5 million Conacyt contribution). Own budget €950.000 <https://cordis.europa.eu/project/id/727550>
- 10/2012 (for 42 months) *POLFREE - Policy Options for a Resource Efficiency Europe [ENV.2012.6.3-2]* FP7 programme Collaborative project. Total budget €2,9 million EC contribution. Own budget €924K. Role: PI. <https://cordis.europa.eu/project/id/308371>
- Oct 2011 (for 36 months) *EMInInn - Macro-level Indicators to monitor the environmental impact of innovation [ENV.2011.3.1.9-3]*. FP7 programme Collaborative project; Total budget €2.5 million. Own budget 650K. Role: Project manager TNO and joint PI. <https://cordis.europa.eu/project/id/283002>
- 2006 to 2009 *SCOPE2, Sustainable Consumption Policies Effectiveness Evaluation [FP6 2005-SSP-5A.]* EC-FP6 funded project; Total budget € 200.000. Own budget 120.000 EUR. Role: Cat C researcher <https://cordis.europa.eu/project/id/44256>

2006 to 2008 TESTNET, Environmental Technologies Verification System [FP6-SUSTDEV] FP6 funded project, Total budget €2.900.000. Own budget 100k EUR. EUR. Role: Cat C researcher. <https://cordis.europa.eu/project/id/18311>

### Consultancy assignments (selected projects)

01/01/2023 (for 9 months) *Delivery of a training course in the area of science technology and innovation policies for the circular economy*; Interamerican Development Bank, Competitiveness & Innovation Division (CTI); 60k USD. Role: Coordinator and academic director.

28/04/2022 for 9 months *Towards a Model of Circular and Bio-Economy in Cantabria*. Cantabria Regional Government, Ministry of Environment, Biodiversity and Sustainable Development; €100k. Role: Coordinator. <https://www.climate-kic.org/festival-cantabro-de-la-economia-circular-y-la-bio-economia/>

21/11/2022 (for 6 months) *Impact of Circular Economy and Waste Policies on Rockwool*; Rockwool; €12k.

10/2021 (for 9 months) *Review of global best policy practices and design of a training course in the area of circular economy*; Interamerican Development Bank, Competitiveness & Innovation Division (CTI); service contract; 15k USD.

01/08/2021 for 6 months *Development of a public policy framework for green innovation*; Interamerican Development Bank, Competitiveness & Innovation Division (CTI); service contract; 18k USD (4,5k USD own budget) (with T. Konnola, C. Hermosilla & P. del Rio).

12/03/2021 for 4 months *Sector Study Circular Plastics in France*. Netherlands Business Support Office in Lyon / RVO; service contract; €23k

01/03/2021 for 3 months *Socio-economic impact of Circular Economy Policies (EPR) on baby and femcare products in France, UK, Germany, Netherlands and Belgium*. P&G. €105k.

12/2020 to 12/2021 *Impact Assessment Study - Sustainable Product Initiative (SPI)*. DG Internal Market, Industry, Entrepreneurship and SMEs, €550k (€170k own budget). Role: Task leader.

01/2015 to 12/2018 *European and Latin American Business Services and Innovation Network (ELAN) – Component Two*. European Commission, EuropeAid; Total budget €5,5 million EC contribution (own budget €450k).

01/04/2018 for 8 months *Green innovation policies for Latin America and the Caribbean Countries*. Interamerican Development Bank, Competitiveness and Innovation Division (CTI), Own budget 30k USD (ESW RGE-1546)

07/2015 for 18 months *Eco-innovation Solar PV Pilot in an organic and fair-trade farm. SAVID Dominicana*. Own budget 25k USD. Role: Lead initiator, proposal writing, contract negotiation; project manager.

01/ 2011 for 12 months *Analysis of the Future Application of Product Policy instruments in Europe*. European Commission, Joint Research Centre (European Commission); Own budget €193k

*European competitiveness in Key Enabling Technologies*. European Commission, DG Growth. Own budget €59k.

### Other successful grant and project proposals (proposal writing, grant negotiation) – selected projects

01/01/2024 (for 36 months) *Securing local supply chains via the development of new methods to assess the circularity and symbiosis of the bio-based industrial ecosystem enhancing the EU competitiveness and resource independence - SYMBA* (HORIZON-CL6-2023-CircBio-01-7). Horizon Europe – CSA. Total budget €1.5 million EC contribution (own budget €201k EC contribution) Role: Consortium formation/management, proposal writing; acquisition & grant agreement negotiation (PI until March 2024)

01/02/2024 (for 52 months) *Transformative climate resilience by nature-based solutions in the continental biogeographical region - ARCADIA* (HORIZON-MISS-2022-CLIMA-01-06). Horizon Europe – IA. Total budget €19.1 million EC contribution (own budget €787k EC contribution). Role: Consortium formation/management, proposal writing; acquisition & grant agreement negotiation

01/02/2024 (for 48 months) *Nature Based Solutions for Atlantic Regional Climate Resilience - NBRACER* (HORIZON-MISS-2022-CLIMA-01-06) Horizon Europe IA, Total budget €17.7 million

EC contribution (own budget €830k EC contribution). Consortium formation/management, proposal writing; acquisition & grant agreement negotiation.

- 01/02/2024 (for 60 months) *Demonstration and mainstreaming of nature-based Solutions for climate resilient transformation in the Mediterranean- DESIRMED* (HORIZON-MISS-2022-CLIMA-01-06) Horizon Europe programme IA; Total budget €18.4 million EC contribution (own budget €782k EC contribution).
- 01/08/2023 (for 60 months) Specific Grant Agreement n°1 to Scale the Cities Mission Platform NZC-SGA (HORIZON-MISS-2022-CIT-SGA). Horizon Europe programme RIA (SGA); Total budget €83 million EC contribution (CKIC budget €53 mo EC contribution). Role: consortium management, team supervision and admin support; acquisition & grant agreement negotiation

### Philanthropic donations:

- 01/05/2023 (for 36 months) Building circular economy innovation clusters in Bangaluru and Nairobi. IKEA Foundation; Total budget €4 million (CKIC budget €1.8 mo EUR)/ Role: proposal writing <https://www.climate-kic.org/circular-economy-innovation-clusters/>

### Teaching portfolio

#### Executive education

Programme	Course / Role	Entity	Information (learners, mode)
Strategizing Sustainable Business Transformations (Exed)	Module 3: Low Carbon Innovation (4h)	HEC Paris	15 learners. On-site. <a href="https://www.hec.edu/en/executive-education/discover-all-our-programs/executive-certificates/strategizing-sustainable-business-transformation">https://www.hec.edu/en/executive-education/discover-all-our-programs/executive-certificates/strategizing-sustainable-business-transformation</a>
Climate & Business Certificate (Certificate)	Intervention: "Green innovation for Climate Transformations" (3h)	HEC Paris	42 learners. On-site. <a href="https://www.hec.edu/en/climate-business-certificate">https://www.hec.edu/en/climate-business-certificate</a>
Circular Economy: Transition for Future Sustainability (Exed)	Learning facilitator: grading, mentoring and learners feedback in office hours (20h)	MIT Professional Education	35 learners. Online. <a href="https://professional.mit.edu/course-catalog/circular-economy-transition-future-sustainability">https://professional.mit.edu/course-catalog/circular-economy-transition-future-sustainability</a>
<i>How to promote a transition to the Circular Economy through Science Technology and Innovation Policies (Custom programme)</i>	Course design, team coordination and delivery (36 h)	Inter-American Development Bank	36 learners. (April-July 2023) Online (custom programme).
Green Innovation (GI) Policies for Latin American countries (Custom programme)	Part 1 theory (4 h) & part 2 policy (6h)	Inter-American Development Bank	24 learners (May 2019). On-site (custom programme).

#### Guest Lectures

- Human-environment interactions in the context of economic markets and politics; Kyoto, Montreal, UNFCCC, Paris Agreement & SDGs.** Lecture corresponding to session 3.1 (4 hours). Course: Global Environmental Policy (GI ENVI 3004, PAFR); Hosted by [CIEE Global Institute – Paris/ Science Po](#) (FR), 15 learners.
- Eco-innovation for Sustainability:** solutions to wicked environmental challenges. Guest Lecture (1 hour), Course: Global Environmental Policy (GI ENVI 3004, PAFR); Hosted by [CIEE Global Institute – Paris/ Science Po](#) (FR), 15 learners.
- Low carbon innovation, cleaner production and sustainable business** in light of green growth and the sustainable development goals. Guest lecture (2h): Advances on Cleaner Production. Workshops on Cleaner Production, Postgraduate Programme in Engineering Management. Universidade Paulista UNIP. Sao Paulo, Nov. 8th 2016
- Sustainability in Business:** Sustainability transitions and business strategies for Innovation. Part of the International Programme Green Skills for Boosting Transitions in Water Management. CLIMATE-KIC Innovator



Catalyst, Climate Knowledge and Innovation Community of the European Technology Institute., Valencia, Nov 27<sup>th</sup> 2014 (38 learners)

5. **Environment, Technical Change and Innovation** (8 hours). Guest lecturer at the Sustainability Learning Network. Cambridge Executive Programme for Industry. The Business of Social and Environmental Innovation', Carnegie Hall, September 11<sup>th</sup> 2003 (25 learners).

### **Training Courses (project-based)**

6. **Innovation for Sustainable Development: Theory, Trends, and Opportunity Areas** (16 hours): Advances of Cleaner Production and Inno4sd joint workshop for early career researchers, Sao Paulo, November 9<sup>th</sup> 2017, Programa de Pós-Graduação em Engenharia de Produção, Universidade Paulista (38 learners)
7. **UNEP Eco-Innovation Manual Validation Workshop for the LAC Region** (30 hours), United Nation Environment Programme and the European Commission. Resource Efficiency and Eco-Innovation in Developing and Transition Economies (UNEP EC REEDTE Project)., Lima, Peru, 25-27 June 2013 (35 learners).
8. **Monitoring innovation ecosystems in Latin America and the Caribbean** (40 h). Capacity building training workshop. Netherlands Organisation for Applied Scientific Research TNO and the ELAN Network, with Dr Roald Suurs (20 learners).
9. **Collaboration for capacity building** (40 hours). Teaching assistance for the Training programme 'cooperation development practitioners and government officials' Overseas Development Group, University of East Anglia. November 2002 (7 learners)
10. **Scout Leader 'train the trainer' for Cub Scouts Branch** (200 h). Mexican scout association. Summer 2000; summer 2001; summer 2002 (400 learners).

### **Seminars**

11. **Selected topics in eco-innovation and circularity research** (4 h). Facultad de Economía. Grupo de tutores de posgrado. Universidad Nacional Autónoma de México. Nov 10, 2021 (200 learners – expected)
12. **Eco-innovation for the Sustainable Development Goals: theory, business models, and policy** (40 hours). Master Programme on Sustainability and Green Economy; scheduled for Nov 20-24, 2021. Ferrara University (24 learners – expected).
13. **Eco-innovation for Sustainable Development** (2 h), Life Cycle Innovation Conference Berlin, Forum for Sustainability through Life Cycle Innovation e.V. (45 learners).
14. **Innovación, Cambio Tecnológico y Sostenibilidad** (16 hours). Masterclass del Cuarto evento bianual del área Análisis y Gestión Socioeconómica de las Organizaciones y Primer Encuentro de Cooperación entre Áreas: "Políticas públicas, organizaciones y conservación de los recursos naturales". Unidad Xochimilco de la Universidad Autónoma Metropolitana de la Ciudad de México (55 learners)
15. **Innovation for Sustainability Research: Current agenda and unsolved issues** (12 hours). Guest lecture at the special seminar of the Department of Institutional Studies, Universidad Autónoma Metropolitana. Mexico City, Dec 15<sup>th</sup>, 2010 (32 learners)
16. **Understanding eco-innovation: Concepts, actors and networks, institutions and dynamics** (12 hours). Guest lecture at the special seminar of the Department of Institutional Studies, Universidad Autónoma Metropolitana . Mexico City, Dec 14<sup>th</sup> 2010 (29 learners)
17. **Re -thinking innovation under a sustainability lens**. Sustainability, innovation, competitiveness and the environment - the role of management (12 hours). Guest lecture at the special seminar of the Department of Institutional Studies. Universidad Autónoma Metropolitana Mexico City, Dec 13<sup>th</sup> 2010 (31 learners).
18. **Transition Regions for New paradigms in the energy/mobility/environment nexus** (with Dr Lars Coenen). Guest lecture at the CIRUS seminar series, Zurich, CIRUS: Centre for Innovation Research in Utility Sectors, EAWAG. February 13<sup>th</sup> 2009.
19. **Doing eco-innovation research** (8 hours). Guest seminar of the Department of Economic Analysis of Organisations and the Industrial Ecology Program, Mexico City, Universidad Autónoma Metropolitana and Instituto Politecnico Nacional. Dec 9<sup>th</sup> 2009 (14 learners)
20. **Niche experimentation and innovation: a novel framework for regional innovation strategies** (with Dr Lars Coenen). Guest lecture at the workshop on "Climate Change and Eco-innovation: Regional perspectives, Regional Studies Association, DIME Network and Aalborg University. Nov 12<sup>th</sup> 2008.
21. **A tailored method for the identification of eco-innovation strategies** (2 hours) Guest lecture at the seminar Series of the Dutch Centre for Sustainable Transitions, Delft, Dutch Centre for Sustainable Transitions and Erasmus University Rotterdam. October 6<sup>th</sup> 2008.
22. **Technical Change, Innovation and Environment**. Guest lecture at the INTECH Seminar Series (1h). Institute for New Technologies (INTECH), United Nations University/ University of Maastricht, 2005

### **Workshops**

23. **Understanding innovation for sustainable development:** Seminar Defining Sustainable Innovation from a Life Cycle Perspective, FSLCI e.V., inno4sd, 2018
24. **Taller de eco-innovación y economía circular** (8 h), Foro Internacional de Innovación para el Desarrollo Sostenible e Innovación de Alto Impacto. Inno4sd.net, ITESO Universidad Jesuita de Guadalajara, TNO, June 18th 2019 (15 learners)
25. **Co-working para emprendedores verdes e inclusivos** (8h). Foro Internacional de Innovación para el Desarrollo Sostenible e Innovación de Alto Impacto Inno4sd.net, ITESO Universidad Jesuita de Guadalajara, TNO, June 19th, 2019 (34 learners)
26. **Eco-Innovation for sustainable development** (16 hours), Dec 1st 2018, Inno4sd.net, TNO and the National Cleaner Production Centre of South Africa (25 learners).

#### Webinars

27. **Eco-innovation for Sustainability** (3 hours), Webinar: McGill University Pulse Series; March 12<sup>th</sup> 2019, McGill University, Desautels School of Management.
28. **Innovation for Sustainable Development** (2 h). Inno4sd network. Audiovisual material at the inno4sd Youtube Channel.
29. **Eco-innovation, circular economy and sustainable energy** (2 hours), 1er Seminario Virtual en Energia, April 6th 2018, Tecnológico Nacional de Mexico, Red de Talentos Mexicanos en el Exterior.

#### Summer schools

30. **PhD Symposium Advances of Cleaner Production School and inno4sd PhD Academy 2021** (16h, 15 PhD students). Module development and keynote in the topic of circular economy and eco-innovation. Co-organised with the PhD programmes: “Environmental Sustainability and Wellbeing” (ESW, University of Ferrara, Italy); “Sustainability in Production Systems” (Graduation Program on Production Engineering, Paulista University, Brazil); “Ecological Environment Protection and Management” (School of Environment, Beijing Normal University, China). November 9-10, 2021 (confirmed).
31. **Inno4sd PhD Academy 2019** (12 h, 10 PhD students). Module development and keynote in the topic of social innovation for the SDGs, Inno4sd & Universidad Iberoamericana, Mexico City. November 12<sup>th</sup>, 2019.
32. **Inno4sd PhD Academy 2018** (18 h). Module development and feedback (2 Phd Students) in the topic of circular economy and sustainable energy transitions, Inno4sd & University of Ferrara, September 18<sup>th</sup>, 2018.
33. **Inno4sd PhD Academy 2017** (18h). Module development and feedback (3 PhD Students) in the topic of eco-innovation and sustainable energy transitions; Inno4sd, Pretoria University, CNRS, and Stellenbosch University, December 1<sup>st</sup>, 2017.

#### Supervision PhD/Masters

Name	Degree	School	Thesis	Status
<b>Ms. Asia Guerreschi</b> (IT)	PhD in Sustainability and Wellbeing	University of Ferrara (ITA)	Innovative circular economy strategies for cooperatives to measure economic, environmental, and social impact	<i>Ongoing</i>
<b>Ms. Diana Rivera</b> (MEX)	PhD in Social Sciences	Universidad Autonoma Metropolitana Xochimilco (MEX)	<i>Sustainable Energy Transition in Mexico: the case of Geothermal Energy</i>	Completed (2022).
<b>Mr. Hendor-Lee Ruiters</b> (ZA)	Master in Sustainability Sciences	Stellenbosch University (ZA),	<i>Transitioning to sustainable development in South Africa – Analysing the potential of eco-innovation as a driver for industry to transition to sustainability</i>	Incomplete (suspended)
<b>Ms. Diana Rivera</b> (MEX)	MPhil in Economics & Management of Innovation	Universidad Autonoma Metropolitana Xochimilco (MEX)	<i>Incentives and Barriers to recycling Eco-innovation in Mexico</i>	Completed (2014)
<b>Ms. María Elena Moreno Zea</b> (ECU)	MPhil in Economics & Management of Innovation	Universidad Autonoma Metropolitana Xochimilco (MEX)	<i>Eco-innovation policies in Mexico for the promotion of renewable energy technologies</i>	Completed (2012)

#### Examiner PhD and Master committees

Name	Degree	School	Thesis	Dates
<b>Ms. Jennifer Saunders</b> (ZA)*	PhD in Sustainability	School of Public Leadership, Stellenbosch University (ZA)	<i>The impact of residential rooftop PV on low-income electricity consumers in Stellenbosch Municipality</i>	Scheduled for Nov. 2024
<b>Mr. Andrew Earl</b> (ZA)*	PhD Engineering Management	Dep. Ind. Engineering, Stellenbosch University (ZA)	<i>Co-design in Living Labs for Energy Transitions in Urban Africa</i>	Expected end 2024
<b>Ms. Yennely E. Goicochea</b> (MEX)	PhD in Social Sciences	Universidad Autonoma Metropolitana, Cuajimalpa (MEX)	<i>Elementos institucionales formales que permitieron el desarrollo de nichos tecnológicos en el sector bioplástico</i>	Dec 2022
<b>Ms. Imke de Kock</b> (ZA)	PhD Engineering Management	Dep. Ind. Engineering, Stellenbosch University (ZA)	<i>Managing technology within the context of sustainability transitions: An integrated framework</i>	Sept 2020
<b>Mr. Carlos A. Lanza</b> (COL)	MSc Urban Water and Sanitation	Universidad del Valle Colombia and UNESCO-IHE (NL)	<i>Economic feasibility analysis of the use of innovative alternative water sources in Cuba: A case study</i>	2017
<b>Mr. Marvin Góngora</b> (MEX)	MSc Int. Environmental Management	El Colegio de La Frontera Norte & CICESE (MEX)	<i>Sustainable logistics and life cycle analysis of wine industry in Mexico</i>	2016
<b>Ms. Katija Nordwig</b> (ZA)	MPhil in Sustainability	Stellenbosch Business School, Stellenbosch University (ZA)	<i>Innovation Systems in South Africa</i>	2015
<b>Ms. Diana Patricia Rivera Delgado</b> (MEX)	MPhil in Economics & Management of Innovation	Universidad Autonoma Metropolitana Xochimilco (MEX)	<i>Incentives and Barriers to recycling Eco-innovation in Mexico</i>	2014
<b>Mr. Mundia Kabinga</b> (ZA)	PhD Business Administration	Graduate School of Business, University of Cape Town (ZA)	<i>Capability gaps in the South African Energy sector</i>	2013
<b>Ms. María Elena Moreno Zea</b> (ECU)	MPhil in Economics & Management of Innovation	Universidad Autonoma Metropolitana Xochimilco (MEX)	<i>Eco-innovation policies in Mexico for the promotion of renewable energy technologies</i>	2012

### Series editor

1. Co-editor of the policy outlook series (with Dr. M. Miedzinski, UCL), innovation for sustainable development network. ISSN pending.
2. Managing editor (and Co-founder) of the TNO Working paper series, ISSN 2211-0054, 2009-2019 [Link to series](#)

### Reviewer (Ad-hoc) – selected journals

1. Nature Energy 5-year Impact Factor (IF) (2021) 72.478
2. Business Strategy and the Environment IF 10.302 (WoS); 4-year IF (Scopus) 11.293
3. Journal of Cleaner Production IF: 9.297 (WoS); 5-year IF (Scopus) 10.956
4. Journal of Environmental Innovation and Sustainability Transitions Impact Factor (2018): 7.51
5. Ecological Economics IF (2018): 4.281; 5-year IF 4.803

### Evaluator (Ad-hoc)

1. Dutch Research Council NWO (NWA-ORC), the Netherlands, Since 2021.
2. European Framework Programmes of Research (FP7, H2020, Horizon Europe), European Commission (EREA, CINEA, HADEA, DG RTD), Since 2013
3. Social Sciences and Humanities Research Council (SSHRC), Canada, Since 2017
4. National Council of Science and Technology (CONACYT), Mexico Since 2014
5. National Research Foundation (NRF), South-Africa, Since 2013.

## SOCIETIES AND FELLOWSHIPS

### Academy Member

- Level 1 Mexican Research System (SNI 1- Sistema Nacional de Investigadores), National Council for Science and Technology CONACYT (2009 – 2016)

### Membership of professional and academic bodies / societies

1. Member, Society for Ecoinnovation Studies. Since 2021.
2. Member, Sustainability Transitions Research Network. ([transitionsnetwork.org](http://transitionsnetwork.org)), Since 2010
3. Member, International Sustainable Development Research Society ([isdrs.org](http://isdrs.org)), Since 2008
4. Member, 6 Countries Programme – the Innovation Policy Network (<https://www.6cp.net/>), 2007-2019
5. Member, European Forum for Studies of Policies for Research and Innovation – EUSPRI (<http://euspri-forum.eu/>), from 2010-2019.
6. Member, Globelics – the Global Research Network, <http://www.globelics.org/>, from 2002-2004 and since 2019
7. Member, ALTEC – Latin American Association for Technology Management, <https://www.altecasociacion.org/>, from 2001-2003 and since 2019

## SCIENTIFIC CHAIRS AND COMMITTEES

### Visiting Fellowships

- Visiting fellow. Research Group of “Knowledge Management and Science, Technology and Innovation Policies”, Department of Institutional Studies (DESIN), Universidad Autonoma Metropolitana, Cuajimalpa. Affiliation notified to the Mexican Ministry of Education – PROMEP, Mexico (2009, 2015)
- Visiting Fellow. Institute for New Technologies –now Maastricht Economic and Social Research and Training Centre on Innovation and Technology, United Nations University/ University of Maastricht, the Netherlands (Jun 2005→Aug 2005)

### Scientific Chair

- Scientific Chair. 10<sup>th</sup> International Workshop Advances for Cleaner Production “A Resilient and Sustainable World: Contributions of Cleaner Production, Circular Economy and Eco-innovation”. Organised by Paulista University, inno4sd and University of Ferrara. Nov 11-12, 2021 (confirmed).
- General Chair. *Fifth Annual Symposium on Innovation for Sustainable Development “Social innovation and financing for the SDGs”*. Organised by: Inno4sd, Universidad Iberoamericana, TNO, University of Ferrara, Stellenbosch University, and others. Mexico City, Nov 14-15, 2019
- General Chair. *Fourth Symposium and High-level Policy Dialogue on Innovation for Sustainable Development “Policies and Partnerships for the Sustainable Development Transition”*. Inno4sd, TNO, University of Ferrara, Future Earth, SDSN, ALDE, Japan Science and Technology Agency, Green Growth Knowledge Platform. Brussels, Nov 7-9, 2018.
- General Co-chair: *Foro Internacional de Innovación para el Desarrollo Sostenible e Innovación de Alto Impacto*. Organised by; Inno4sd, TNO, ITESO Universidad Jesuita de Guadalajara, with Dr Martha Leticia Silva Flores (ITESO). Guadalajara. June 18-21, 2018.
- General Co-chair. *Third Symposium on Innovation for Sustainable Development “Africa-Europe Dialogue Symposium on Innovation for Sustainable Development”*, Inno4sd, TNO, Stellenbosch University, Pretoria University, CSIR, University of Ferrara, UCL, and others; with Professor Alan Brent (Stellenbosch University), Professor Massimiliano Mazzanti (UNIFE). Pretoria. Nov 29-Dec 1<sup>st</sup>, 2017.

### Scientific Committees

- Academic workshop: *More than 20 years of Eco-innovation research: lessons learnt and new directions. First workshop of the ecoinnovation society*. Organised by EIT Climate KIC and the Inter-University Research Centre SEEDS (Sustainability, Environmental Economics and Dynamics Studies) at the University of Ferrara. 10-11 November 2022. <https://www.inno4sd.net/eco-innovation-society-first-annual-workshop-2022-1406>
- Conference series: Looking for Integral Development. Theories and practices to implement circular and ecologically oriented economic systems and build a fairer society (four seminars). Organised by the University of Ferrara, Inno4sd, Pontificia Universidad Católica de Chile. June 16, 23, 30 and 7 July, <http://www.unife.it/it/lfid>
- PhD Programme. Multidisciplinary Doctoral programme on Environmental Sustainability and Wellbeing. University of Ferrara and University of Sydney. Since 2021.
- Academic workshop: *Africa in the Sustainability transition: behavioural change and political economy perspectives*. Organised by the Inter-University Research Centre SEEDS (Sustainability, Environmental Economics and Dynamics Studies) at the University of Ferrara. 25-25 May 2021.
- Academic workshop: *Making the Circular Economy work for Sustainability: From theory to practice*. Organised by the Centre for Research in Circular Economy, Innovation and SMEs (CERCIS) and the Inter-University Research

Centre SEEDS (Sustainability, Environmental Economics and Dynamics Studies) at the University of Ferrara, University of Ferrara. 25-25 May 2021.

- Conference: *EU-SPRI 2019 Conference “Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation”*. Hosted by EU SPRI and CNR-IRCRES Research Institute for Sustainable Economic Growth. 5-7 June, Rome, Italy. (2019).
- Conference: *EU-SPRI 2018 Conference “Governance and Relevance: Towards a New Generation of Research and Innovation Policies”*. Hosted by EU SPRI and IFRIS. 6-8 June, Paris, France. (2018).
- Conference: *19th annual International Sustainable Development Research Conference*, Stellenbosch, South Africa. (2013).
- Conference: *18th annual International Sustainable Development Research Conference*, Hull, United Kingdom. (2012).

## COMMISSIONS AND REPRESENTATION

### Scientific Committees and Boards

- Scientific Advisory Board, *Maximising the synergy of European research Governance and Innovation for Climate Action- MAGICA project*, Horizon Europe, Since 2023.
- Expert group member, *Circular Economy Platform of the Americas* ([cep-americas.com/](http://cep-americas.com/)), Aruba. (2017- 2021).
- Chairman and Member of the Steering Committee of *the Innovation for Sustainable Development Network* (2017-2022). <http://www.inno4sd.net/>
- Member of the Steering Board of the Europe-Latin America Business and Innovation Network (2015-2019).
- Member of the Scientific Board, FEMIA - Forum for Euro-Mediterranean Innovation in Action ([femia.org/](http://femia.org/)), Paris, France. (2013-2014).
- Member of the Advisory Board, South Africa eco-innovation pilot implementation project in South Africa, implemented by the National Council for Scientific Research (National Cleaner Production Centre), Pretoria, South Africa. (2015-2016).

### High-level groups and commissions

- Member of High-level expert group advising the Mexican Senate's Commission of relations to the EU for the revision of the global agreement between Mexico and the European Union (2014-2015).
- Council Member, Civil Society representative, Mexico State Youth Council, Toluca, Mexico, 1999-2001

## HONOURS & AWARDS

### Awards

- National Award of Social and Public Opinion Research – runner up. Award received from the General Congress of the Mexican United States, Mexico (2012)
- State of Mexico Award for Youths- – 1st prize Academic category. Award received from the Government of the State of Mexico, Mexico (2003)
- Scientific and Technological Research Award – runner up. Award from Centro de Investigacion y Docencia Economica (CIDE), Mexico (2003)
- University Medal for Academic Merits. – 1st prize, Award from Universidad Autónoma Metropolitana, Mexico (2003)
- Master Thesis Award, 1st prize, Universidad Autonoma Metropolitana, Unidad Xochimilco, Mexico (2002)
- Environmental Quality Competition for Technical Projects – 1st prize, Universidad Autonoma del Estado de Mexico, Mexico (1999).

### Scholarships (for postgraduate education)

- Government of the State of Mexico Outstanding Scholarship Program, Contribution towards MPhil/PhD in Development Studies at the University of East Anglia, Value of €4,000 (2007)
- Mexican Ministry of Education Postgraduate Education Scholarship. Contribution towards the fees of the MPhil/PhD in Development Studies, University of East Anglia, United Kingdom, with a value of €4000 (2007)
- MERIT/UNU-INTECH PhD internship programme (Eco-innovation Research), Institute for New Technologies (now Maastricht Economic and Social Research Institute on Innovation and Technology - UNU-MERIT), United Nations University and University of Maastricht, Netherlands, with a value of € 2,724, with Professor Rene Kemp (2005)
- Mexican Council of Science and Technology Scholarship. Full sponsorship with a value of ~€70,000. MPhil/PhD at the University of East Anglia, (2002-2006)
- British Chevening Scholarship of the British Commonwealth Office. Contribution towards the fees with a value of €5,500. MPhil/PhD in Development Studies at the University of East Anglia, (2002 – 2003)

- Mexican Council of Science and Technology Scholarship. Full sponsorship of the Master in Philosophy in Economics and Management with a value of € 9,000, Universidad Autonoma Metropolitana (2000 – 2002)
- Universidad Autonoma del Estado de Mexico Academic Scholarship with a value of 2.500 EUR, Bachelor's Degree in Chemical Engineering (1995-2000).

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## External visibility & outreach

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### Keynotes, talks, forums

Over 100 keynotes, panels and interventions in academic, business and policy forums.

### Media Coverage (selected, past 2 years)

1. *EIT Climate-KIC enables policymakers in LATAM to drive circular economy transition* (by Marina Gil V.). Aug. 10<sup>th</sup>, 2023. <https://www.climate-kic.org/news/eit-climate-kic-enables-policymakers-in-latin-america-and-the-caribbean-to-drive-circular-economy-transition/>
2. *The practice of climate adaptation in a challenging environment* (with Anne-Sophie Garrigou & Aida Khalilova). July 13<sup>th</sup>, 2023. <https://www.climate-kic.org/news/the-practice-of-climate-adaptation-in-a-challenging-environment/>
3. *Nature-based solutions for climate adaptation* (by Anne-Sophie Garrigou and Aida Khalilova). June 16<sup>th</sup>, 2023. <https://www.climate-kic.org/news/nature-based-solutions-for-climate-adaptation/>
4. *Why should we care about climate adaptation in Europe?* (by Anne-Sophie Garrigou & Aida Khalilova). May 22<sup>nd</sup>, 2023. <https://www.climate-kic.org/news/why-should-we-care-about-climate-adaptation-in-europe/>
5. *Pathways2Resilience launches to accelerate climate adaptation in European regions* (by Anne-Sophie Garrigou & Aida Khalilova). Jan 31<sup>st</sup>, 2023, <https://www.climate-kic.org/press-releases/pathways2resilience-climate-adaptation-europe/>
6. *Recapping the first ever Cantabrian Festival of Circular Economy and Bioeconomy* (by Marina Gil V. & N. Alandete). December 22<sup>nd</sup>, 2022. <https://www.climate-kic.org/news/58383-2/>
7. *EIT Climate-KIC organises first Festival of Circular Economy and Bioeconomy in Santander.* (by N. Alandete). November 28<sup>th</sup>, 2022. <https://www.climate-kic.org/news/eit-climate-kic-organises-first-festival-of-circular-economy-and-bioeconomy-in-santander/>