

## **Contact Details**

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Interdisciplinary social scientist, with over 30 years of international experience in research and policy relating to sustainable development, as well as energy and environmental policy. Currently finalising my Marie Skłodowska-Curie Individual Fellowship at the University Pompeu Fabra in Barcelona, on a project examining controversies and appraisal relating to nuclear-sector megaprojects. In my research, I employ various approaches and methods, including comparative case studies, expert and stakeholder interviews, frame analysis, socio-informatics, and document analysis. I have conducted interview fieldwork in the native language of the interviewees in France, Brazil, Finland, Portugal, Sweden, and the UK. I am a co-editor of a forthcoming volume (West Virginia University Press) based on the findings of the recently completed large EU Horizon 2020 funded HoNESt project (History of Nuclear Energy and Society), and as well as of two special issues forthcoming in 2021.

Google Scholar h-index: 21

## **Background**

**PhD:** Environmental economics, C3ED, Univ. de Versailles Saint-Quentin-en-Yvelines, 2005

**MSc:** Environmental Protection (minors: land use planning and environmental economics; development studies), University of Helsinki, 1994

**Training:** Training Course for International and Development Tasks, Univ Helsinki, Sept 94 – June 95

**Languages:** *Finnish* (mother tongue); *English, French, Spanish, and Swedish* (fluent); *Portuguese* (proficient); *German* (good); *Catalan* (intermediate); *Italian* (basics); *Russian* (notions).

## **Key areas of expertise**

- Sustainable development, social and environmental interface, sustainability transitions, especially from a comparative and historical perspective
- Public controversies and governance of energy policies (e.g. nuclear power & waste, biofuels)
- Evaluation of energy and environmental policies, megaprojects
- Role of experts and expert knowledge (indicators, evaluations, assessments) in policymaking
- Citizen participation in energy- and environment-related policymaking
- Role of international organisations in energy and environmental governance

## **Posts Held**

2017- Associate researcher, Universitat Pompeu Fabra, Barcelona

2014- Associate researcher, [Groupe de Sociologie Pragmatique et Réflexive](#) (GSPR), Ecole des Hautes Etudes en Sciences Sociales (EHESS), Paris

2017- Adjunct professor, Department of Social Sciences and Philosophy, University of Jyväskylä, Finland

- 2016- Associate Faculty, SPRU, University of Sussex  
 2015-18 Researcher, [ESSEC Business School](#), Cergy-Pontoise, France  
 2012-14 Ingénieur de recherche, [Ifris](#), [Université Paris-Est Marne-la-Vallée](#)  
 2005–15 Research Fellow, [Sussex Energy Group](#), [SPRU](#), University of Sussex  
 2009-10 Visiting research fellow, GSPR, EHESS, Paris  
 2000-05 Doctoral researcher, C3ED, [Université de Versailles Saint-Quentin-en-Yvelines](#), France  
 1996-2005 Delegate of Finland to the OECD Working Party on Environmental Performance - WPEP  
 1995-2000 Senior Adviser, [Ministry of the Environment, Finland](#), Environmental Protection Department

### Consultancy

Eurostat; Oliver Wyman, UK; Advansis, Finland; MTT Agrifood Research Finland; OECD Environment Directorate; Rexecode, Paris; Diskurssi Ltd., Helsinki; UNEP Environment & Trade, Geneva

### Principal Research Grants and Projects

- 2019-21** Universitat Pompeu Fabra, Barcelona. € 146 400, **European Commission Marie Curie-Sklodowska Individual Fellowship**, 24 months, **The technopolitics of nuclear megaproject pathologies, economic controversies and varieties of socioeconomic appraisal**. Incl. 4.5-month secondment at the OECD Nuclear Energy Agency (NEA), summer 2019.
- 2016-18** Universitat Pompeu Fabra; **EU FP7 project HoNESt** (History of Nuclear Energy and Society – EU FP7): Scientific executive of HoNESt; Country report on the history nuclear energy – France; co-author of a deliverable on international organisations in the nuclear area.
- 2018** Finnish Research Programme on Nuclear Waste Management (KYT), **Governing Safety in Finnish and Swedish Nuclear Waste Regimes (SAFER)**, 3 mo, with Tampere University. **Acquiring Social License for Disposal: trust and acceptance (SOLID)**, 3 mo, with Tampere University.
- 2015-18** ESSEC Business School, Centre CONNECT, **Participation et confiance : cas de participation locale en Finlande, Suède et Royaume-Uni** (with L. de Carlo, ESSEC)
- 2014-16** GSPR Co-I, 16 mo, CNRS, **Economics and scenarios in the relaunch of nuclear energy in Europe: comparison between the trajectories of the EPR reactor in Finland, France and the UK – MESRENE** (PIs: Francis Chateauraynaud & Jean-Charles Hourcade)
- 2013-14** SPRU PI, 12 mo, CNRS, **Socio-political consequences of the Fukushima accident in Europe – RESPAFE 1 & 2** (coordinator: Guillaume Courty, Lille 2)
- 2012-14** Ifris PI, 2 years, Andra (Agence nationale de la gestion des déchets radioactifs), **Analysis of methodologies for socio-economic evaluation of the French radioactive waste disposal project** (supervised by Pierre-Benoît Joly, Ifris)
- 2011–14** SPRU Co-I, 3yr, £3 million, EU FP7, **APRAISE – Assessment of Policy Interrelationships and Impacts on Sustainability in Europe** (lead: Joanneum Research, Austria; SPRU PI: Steve Sorrell)
- 2010–12** SPRU PI, €42 345, EDF France **The rise and fall of the fast breeder reactor technology in France and the UK: expertise, risk and hype-disappointment cycles?**

- 2009-10** PI, Paris city fellowship, 9 mo, *Nuclear renaissance: participatory and deliberative governance of nuclear energy in Finland, France and the UK*
- 2008–11** SPRU PI, EU FP7, €1.42 million, *POINT – Policy Influence of Indicators* (led: Pia Frederiksen, DMU, Copenhagen)

### Teaching

- Design and teaching of a Masters course: “Megaprojects and sustainable development”, ESLSCA Business School, Paris, twice a year since May 2019.
- Design and teaching of a Masters course: “Enjeux et perspectives de la démocratie participative”, [Ecole Telecom ParisTech](#), Département Langues et Sciences Humaines, Jan-June 2016 and Feb-June 2017.
- Design and course convenor at the University of Helsinki, Department of Limnology and Environmental Protection, of a course on the methodologies of social science research on the environment, 1994 – 1999.
- *Internal examiner*, 2 SPRU doctorates.
- Member of PhD thesis juries of Emilie Mutombo, Université Libre de Bruxelles, Dec-2015; Karine Belna, AgroparisTech, Paris, Jan-2015; Lucie de Carvalho, Sorbonne Paris 3, Nov-2015; and Céline Parotte, Université de Liège, Dec-2016.
- Co-supervision, doctoral thesis of Flávia Gouveia (Univ de Campinas, Brazil – defended June 2016).
- *Supervision* of 5 Sussex Master’s dissertations.
- Numerous invited course lectures for example in France (e.g. EHESS, ENS, Agroparistech, Bordeaux IV), Canada, Spain, Germany, and the UK on indicators, evaluation, megaprojects, nuclear energy, radioactive waste management, and biofuels.

### ORGANISATION OF WORKSHOPS, SEMINARS AND SPECIAL SESSIONS (SELECTION)

- Workshop “The nuclear and social science nexus: challenges and opportunities for speaking across the disciplinary divide”, 12-13 December 2019, OECD-NEA, Paris (Co-organiser with Aditi Verma and Sama Bilbao y León, OECD-NEA).
- Workshop “L’évaluation *ex ante* des mégaprojets : Pour une démarche pluraliste », Ecole Nationale d’Administration Publique (ENAP), Québec City, 18-20 September 2018 (co-organiser with Moktar Lamari, ENAP).
- “Witness seminar “The past and the present of nuclear safety regulation in Europe”, Barcelona, 16 October 2018. (co-organiser with Albert Presas I Puig, Arne Kaijser, Jan-Henrik Meyer & Mar Rubio Varas).
- Panel “History of risk regulation, including Basic Safety Standards”, organised at the RICOMET 2017 conference, “Social and ethical aspects of decision-making in radiological risk situations, Vienna, 27-29 June 2017 (with Ted Lazo, OECD/NEA)
- Track "Contested energy futures and temporalities in retrospective: instruments and practices of forecasting and scenario work", organised at the 4S/EASST conference, Barcelona, 31/08-03/09/2016 (with Francis Chateauraynaud, GSPR/EHESS, Paris)
- Seminar “The changing role of economics and economists in nuclear policy and politics”, IPAG Business School, Paris, 6 July 2015 (with F. Chateauraynaud, EHESS and Ingmar Schumacher, IPAG)
- Panel “Energy transitions between forms of knowledge and public controversies: new tools and perspectives for the analysis of key turning points”, organised at the Conference of IPA (Interpretive Policy Analysis), Vienna, 3-5 July 2013 (with F. Chateauraynaud)

International Workshop “Dealing with uncertainties in socioeconomic evaluation of megaprojects”, 24 June 2013, Andra, Châtenay-Malabry, France (with P.-B. Joly, Ifris, and Luis Aparicio, Andra)

Panel “Les indicateurs alternatifs à l’interface des demandes politiques et sociétales: participation, échelles de gouvernance et pouvoir”, the congress of Acfas – Association francophone pour le savoir, Québec, 6-10 May 2013 (with L. Sébastien, Univ. de Toulouse Mirail and T. Bauler, Univ. Libre de Bruxelles)

Approximately 100 international academic conference presentations since 2015.

### **ADVISORY AND EXPERTISE TASKS**

**Peer reviewer** for research funding bodies (EU Horizon 2020; UK ESRC, Austrian Science Fund – FWF; l’Agence Nationale de la Recherche, France; Dutch research council for scientific research; Social Sciences and Humanities Research Council of Canada; Institut des Etudes Avancées, Paris; Université de Bordeaux), book publishers (Earthscan, Routledge, Zed Books, Oxford University Press, Polity), and about 50 academic journals.

Several **invited advisory tasks** within EU-funded research projects (e.g. InSOTEC – (International) Socio-Technical Challenges for implementing geological disposal; EU COST 356 action on transport sustainability indicators, ADAM and ISMERI research projects); DECENT (Towards deliberative climate and energy foresight) project, 2019-2023, funded by Academy of Finland.<sup>1</sup>

Finnish delegate at the **OECD NEA Working Party on Nuclear Economics (WPNE)**, since September 2019.

Several occasions of **written and oral evidence** to UK and US government consultations and the EU Commission on energy policy, including EURATOM 2012 Study “[Benefits and limitations of nuclear fission for a low carbon economy: Defining priorities for Euratom fission research & training – Horizon 2020](#)”; [Blue Ribbon Commission on America’s Nuclear Future](#), Washington, D.C., 01/02/2011; [peer reviewer to the UK](#) government “[Gallagher Review](#)” into the indirect effects of biofuels, 2008

Numerous **invited presentations** in France (e.g. ANCCLI, IRSN, EHESS, Bordeaux IV, AgroParisTech, ENS, Université de Grenoble), Brazil (Universities of Campinas & Campos), Germany (Univ. of Hannover; state government of Lower Saxony), the Netherlands (UNU-MERIT, Maastricht), Spain (UAB), the UK (UCL Bartlett School of Planning) concerning nuclear energy, megaprojects, biofuels, indicators and policy evaluation

Member of the **scientific committee** of the NEA “nuclear and social science nexus” conference (Paris, 2019), the bi-annual conferences of the European Society of Ecological Economics (Lille 2013; [Budapest](#) 20-23 June, 2017), EASY-ECO annual conference (Brussels, 2010), and the management committee of the [RICOMET](#) conference, Vienna, 25-28 June 2017

Member of the **editorial board** of the journal “[Participations](#)” (Paris; since 2010)

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<sup>1</sup> <http://cost356.inrets.fr/>; <http://adam-digital-compendium.pik-potsdam.de/>  
[https://www.syke.fi/en-US/Research\\_Development/Research\\_and\\_development\\_projects/Projects/Towards\\_deliberative\\_climate\\_and\\_energy\\_foresight](https://www.syke.fi/en-US/Research_Development/Research_and_development_projects/Projects/Towards_deliberative_climate_and_energy_foresight)

## LIST OF PUBLICATIONS

4 May 2021

### **Markku Lehtonen**

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### **Peer reviewed journal articles and conference papers**

- Lehtonen, M., Prades, A., Espluga, J. & Konrad, W. (forthcoming). *The emergence of mistrustful civic vigilance in Finnish, French, German and Spanish nuclear policies: ideological trust and (de)politicization*. Journal of Risk Research.
- Lehtonen, M. (in press). *NEA framing nuclear megaproject 'pathologies': vices of the modern Western society?* Nuclear Technology. <https://doi.org/10.1080/00295450.2021.1885952> (DOI not yet active; corrected proof submitted on 3 March 2021)
- Lehtonen, M., Kojo, M., Kari, M., Litmanen, T. 2021. *Healthy mistrust or complacent confidence? Civic vigilance in the reporting by leading newspapers on nuclear waste disposal in Finland and France*. Risk, Hazards & Crisis in Public Policy. <https://doi.org/10.1002/rhc3.12210>
- Kari, M., Kojo, M. & Lehtonen, M. 2021. *Role of the host communities in final disposal of spent nuclear fuel in Finland and Sweden*. Progress in Nuclear Energy 133 (March).
- Lehtonen, M. 2020. *Harder governance built on soft foundations: experience from OECD peer reviews*. Journal of Environmental Policy and Planning 22(6): 814-829 (Special Issue "Harder Soft-Governance" in European Climate and Energy Policy: Following a New Trend?)
- Lehtonen, M., Kojo, M., Jartti, T., Litmanen, T. & Kari, M. 2020. *The roles of the state and social licence to operate? Lessons from nuclear waste management in Finland, France, and Sweden*. Energy Research and Social Science. Vol. 61 (March).
- Kojo, M., Kari, M., Litmanen, T., Vilhunen, T. & Lehtonen, M. 2020. *The critical Swedes and the consensual Finns: Leading newspapers as watchdogs or lapdogs of nuclear waste repository licensing?* Energy Research and Social Science. Vol. 61 (March).
- Lehtonen, M. 2020. History, Trust and Mistrust: Lessons From Radioactive Waste Disposal Megaprojects. In: Ronggui, D. (ed.), [Trust in Major and Mega Projects. 7th IPMA Research Conference, Zagreb, Croatia, Sept 4-7, 2019](#). International Project Management Association – IPMA. Pp. 291-307.
- Lehtonen, M. 2019. *The multiple faces of trust in statistics and indicators: A case for healthy mistrust and distrust*. Statistical Journal of the IAOS 35(4): 539–548. DOI 10.3233/SJI-190579
- Lehtonen, M. & de Carlo, L. 2019. *Community energy and the virtues of mistrust and distrust: Lessons from Brighton and Hove energy cooperatives*. Ecological Economics, Vol. 164 (October).
- Lehtonen, M. & de Carlo, L. 2019. *Diffuse institutional trust and specific institutional mistrust in Nordic participatory planning: Experience from contested urban projects*. Planning Theory and Practice 20(2): 203-220.
- Lehtonen, M. 2019. *Ecological economics and megaproject appraisal: lessons from megaproject scholarship and topics for a research programme*. Ecological Economics 159(May): 148-156.

- Lehtonen, M., Sébastien, L. & Bauler, T. 2016. [\*The multiple roles of sustainability indicators in informational governance: between intended use and unanticipated influence\*](#). *Current Opinion in Environmental Sustainability*. 18: 1–9.
- Lehtonen, M. 2014. [\*Evaluating megaprojects: from the “iron triangle” to network mapping\*](#). *Evaluation* 20(3): 278-295.
- Lehtonen, M. 2014. [\*Evaluation of “The Social” in Megaprojects: Tensions, Dichotomies, and Ambiguities\*](#). *International Journal of Architecture, Engineering and Construction* 3(2): 98-109.
- Lehtonen, M. 2014. [\*Acceptance of Brazilian ethanol fuel and the role of expertise\*](#). *Biofuels* 5(3): 261-274.
- Sébastien, L., **Lehtonen, M.** & Bauler, T. 2014. [\*Can indicators fill the gap between science and policy? An exploration of the \(non\) use and \(non\) influence of indicators in EU and UK policymaking\*](#). *Nature & Culture* 9(3): 316-343.
- Macnaghten, P., Owen, R., Stilgoe, J., Wynne, B., Azevedo, A., de Campos, A., Chilvers, J., Dagnino, R., di Giulio, G., Frow, E., Garvey, B., Groves, C., Hartley, S., Knobel, M., Kobayashi, E., **Lehtonen, M.**, Lezaun, J., Mello, L., Monteiro, M., Pamplona da Costa, J., Rigolin, C., Rondani, B., Staykova, M., Taddei, R. Till, C., Tyfield, D., Wilford, S. & Velho, L. 2014. [\*Responsible innovation across borders: tensions, paradoxes and possibilities\*](#). *Journal of Responsible Innovation* 1(2): 191-199.
- Lehtonen, M. 2013. [\*The non-use and influence of UK Energy Sector Indicators\*](#). *Ecological Indicators* 35(December): 24-34.
- Gasparatos, A., **Lehtonen, M.** & Strömberg, P. 2013. [\*Do we need a unified appraisal framework to synthesize biofuel impacts?\*](#) *Biomass and Bioenergy* 50(1): 75–80.
- Sorrell, S., **Lehtonen, M.**, Stapleton, L., Pujol, J. & Champion, T. 2012. [\*Decoupling of road freight energy use from economic growth in the United Kingdom\*](#). *Energy Policy* 41(February): 84–97.
- Teräväinen, T., **Lehtonen, M.** & Martiskainen, M. 2011. [\*Climate change, energy security and risk – Debating new nuclear build in Finland, France and the UK\*](#). *Energy Policy* 39(6): 3434–3442.
- Lehtonen, M. 2011. [\*Social sustainability of the Brazilian bioethanol: power relations in a centre-periphery perspective\*](#). *Biomass and Bioenergy* 35(6): 2425-2434.
- Lehtonen, M. 2010. [\*Deliberative decision-making on radioactive waste management in Finland, France and the UK: Influence of mixed forms of deliberation in the macro discursive context\*](#). *Journal of Integrative Environmental Sciences* 7(3): 175-196.
- Lehtonen, M. 2010. [\*Opening up or Closing Down Radioactive Waste Management Policy? Debates on Reversibility and Retrievability in Finland, France, and the United Kingdom\*](#). *Risk, Hazards, & Crisis in Public Policy* 1(4): 139-179.
- Lehtonen, M. 2009. [\*OECD organisational discourse, peer reviews and sustainable development: an ecological-institutionalist perspective\*](#). *Ecological Economics* 69(2): 389-397.
- Sorrell, S., **Lehtonen, M.**, Stapleton, L., Pujol, J. & Champion, T. 2009. [\*Decomposing road freight energy use in the United Kingdom\*](#). *Energy Policy* 37(8): 3115–3129.
- Lehtonen, M. & Nye, S. 2009. [\*History of electricity network control and distributed generation in the UK and western Denmark\*](#). *Energy Policy* 37(6): 2338-2345.
- Lehtonen, M. 2008. [\*Mainstreaming Sustainable Development in the OECD through Indicators and Peer Reviews\*](#). *Sustainable Development* 16(3): 241-250.
- Berninger, K., Tapio, P., **Lehtonen, M.** & Willamo, R. 2008/2009. [\*Une approche centrée sur les problèmes pour les sciences de l'environnement\*](#). *Environnements* 36(2): 1-18.

- Lehtonen, M. 2007. [\*Environmental Policy Integration through the OECD Peer Reviews: Integrating Economy to the Environment or the Environment to the Economy?\*](#) Environmental Politics 16(1): 15-35.
- Lehtonen, M. 2006. [\*Deliberative Democracy, Participation, and OECD Peer Reviews of Environmental Policies\*](#). American Journal of Evaluation 27(2): 185-200.
- Lehtonen, M. 2005. [\*OECD Environmental Performance Review Programme: Accountability \(f\)or Learning?\*](#) Evaluation 11(2): 169-188.
- Lehtonen, M. 2004. [\*The environmental-social interface of sustainable development: capabilities, social capital, institutions\*](#). Ecological Economics 49(2): 199-214.

## Journal articles under peer review

- Lehtonen, M.**, Kojo, M., Kari, M. Jartti, T. & Litmanen, T. *Trust, mistrust and distrust as blind spots of Social Licence to Operate. Illustration via three forerunner countries in nuclear waste management*. Journal of Risk Research. (Revised version submitted on 25 April 2021).

## Edited books

- Lehtonen, M.**, Joly, P.-B. & Aparicio, L. (eds.). 2017. Socioeconomic evaluation of megaprojects: Dealing with uncertainties. Routledge. (Including introductory & concluding chapters by the editors).
- De Perthuis, C., Didier, M., **Lehtonen, M.** & Duchassaing, S. 2002. *Le développement durable : signification et enjeux. Sustainable development: Meaning and Challenges*. Groupe Caisse des Dépôts & Le Cercle ces économistes. Paris.

## Forthcoming edited book

- Kaijser, A., **Lehtonen, M.**, Meyer, J.-H. & Rubio Varas, M. (eds.). (September 2021). Engaging the Atom: The History of Nuclear Energy and Society in Europe from the 1950s to the Present. West Virginia University Press.

## Edited special issue

- Sébastien, L., **Lehtonen, M.** & Bauler, T.(eds.). Démocratiser la mesure: les indicateurs participatifs. *Participations* 2017/2 (No. 18). Including: Sébastien, Lehtonen, Bauler, [\*Introduction. Les indicateurs participatifs tiennent-ils leurs promesses ?\*](#) pp. 9-38.

## Forthcoming special issues

- Trust, mistrust, distrust and trust-building in the nuclear sector: historical and comparative experience from Europe. *Journal of Risk Research* (2021). Co-edited with Ana Prades, Josep Espluga, and Stathis Arapostathis.
- Nuclear Megaprojects, Risk and Sustainable Development. *Journal of Mega Infrastructure & Sustainable Development* (forthcoming in December 2021)

## Selected book chapters

- Kaijser, A., **Lehtonen, M.**, Meyer, J.-H. & Rubio Varas, M. (forthcoming, September 2021). *Nuclear Energy and Society in Post-war Europe: An Introduction*. In: Kaijser et al., *Engaging the Atom: The History of Nuclear Energy and Society in Europe from the 1950s to the Present*. West Virginia University Press.
- Josephson, P. & **Lehtonen, M.** (forthcoming). *International Organizations and the Atom: How Comecon, Euratom, and the OECD Nuclear Energy Agency Developed Societal Engagement*. In: Kaijser et al., *Engaging the Atom*. Chapter 4.
- Lehtonen, M.**, Cotton, M. & Kasperski, T. (forthcoming). *Trust and Mistrust in Radioactive Waste Management: Historical Experience from High- and Low-Trust Contexts*. In: Kaijser et al., *Engaging the Atom*. Chapter 6.
- Kaijser, A., **Lehtonen, M.**, Meyer, J.-H. & Rubio Varas, M. (forthcoming). *Conclusions: Future Challenges for Nuclear Energy and Society in a Historical Perspective*. In: Kaijser et al., *Engaging the Atom*. Chapter 10.
- Lehtonen, M.** & Kojo, M. 2019. [\*The Role and Functions of Community Benefit Schemes: A Comparison of the Finnish and French Nuclear Waste Disposal Projects\*](#). In: Brunnengräber, A. & Di Nucci, M.R. (eds.), *Conflicts, Participation and Acceptability in Nuclear Waste Governance: An International Comparison Volume III*, Springer VS. Pp. 175-205.
- Lehtonen, M. Joly, P.-B. & Aparicio, L. 2017. *Introduction*. In: Lehtonen, Joly, P.-B. & Aparicio, L. (dir.), *Socioeconomic evaluation of megaprojects: Dealing with uncertainties*. Abingdon and New York: Routledge. Ch. 1.
- Lehtonen, M. Joly, P.-B. & Aparicio, L. 2017. *Conclusions*. In: Lehtonen et al., op. cit. Ch. 12.
- Reverdy, T. & **Lehtonen, M.** 2017. *The Lyon-Turin high-speed railway project and the escalation of commitment*. In: **Lehtonen, M.**, Joly, P.-B. & Aparicio, L. (op.cit.), Chapter 4.
- Lehtonen, M.**, Kojo, M. & Litmanen, T. 2017. *The Finnish success story in the governance of a megaproject: the (minimal) role of socioeconomic evaluation in the final disposal of spent nuclear fuel*. In: **Lehtonen, M.**, Joly, P.-B. & Aparicio, L. (op.cit.), pp. 83-110.
- Lehtonen, M. 2017. Operationalizing Information: Measures and Indicators in Policy Formulation. In: Howlett, M. & Mukherjee, I. (eds.) *Handbook of Policy Formulation*. Cheltenham, UK & Northampton, MA: Edward Elgar. Pp. 161-181.
- Lehtonen, M. 2016. *Conditions pour une évaluation socioéconomique par la cartographie de réseaux dans un contexte de méfiance : le projet de gestion des déchets radioactifs en France*. In: Lamari, M. & Jacob, J. (dir.) *Praxis de l'évaluation et de la révision des programmes publics: Approches, compétences et défis*. Presses de l'Université du Québec. Pp. 261-280.
- Lehtonen, M. 2015. *Megaproject Underway: Governance of Nuclear Waste Management in France*. In: Brunnengräber, A., Di Nucci, M.R., Isidoro Losada, A.M., Mez, L. & Schreurs, M.A. (eds.), *Governance of Nuclear Waste Management: An International Comparison*. Springer. Pp. 117-138.
- Lehtonen, M. 2015. [\*Indicators: tools for informing, monitoring or controlling?\*](#) In: Jordan, A.J. & Turnpenny, J.R. (eds.) *The Tools of Policy Formulation: Actors, Capacities, Venues and Effects*. Edward Elgar. Pp. 76-99.
- Lehtonen, M. & Martiskainen, M. 2015. *Nuclear power after Fukushima: prospects and implications*. In: Ekins, P., Bradshaw, M., Watson, J (eds.) *Global Energy: Issues, Potentials, and Policy Implications*. Oxford, UK, Oxford University Press. Pp. 306-330.
- Lehtonen, M. 2012. *Power, social sustainability, and certification of ethanol fuel: view from the Northeast of Brazil*. In: Gasparatos, A. & Strömberg, P. (eds.), *Socioeconomic and Environmental Impacts of Biofuels: Evidence from Developing Nations*. Cambridge University Press. Pp. 144-170.

- Lehtonen, M. 2012. *Indicators as an appraisal technology: Framework for analysing the policy influence of the UK Energy Sector Indicators*. In: Raggamby et al. (eds.), "Sustainable development, evaluation and policy making", Edward Elgar: Cheltenham, UK and Northampton, MA, USA. Pp. 175-206.
- Lehtonen, M. 2009. *OECD Peer Reviews and Policy Convergence: Diffusing Policies or Discourses?* In: Biermann, F., Schreyögg, A. and Siebenhühner, B. (eds.), International Organizations and Global Environmental Governance. Routledge Pp. 71-90.
- Lehtonen, M. & Kern, F. 2009. *Deliberative socio-technical transitions*. In: Scrase, I. & MacKerron, G. (eds.), *Energy for the Future: A New Agenda*. New York and London: Palgrave Macmillan.

## Book reviews

- Lehtonen, M. 2014. *Dave Elliott (2012), "[Fukushima: Impacts and Implications](#)"*. Natures, Sciences, Sociétés 22(1): 61-64.
- Lehtonen, M. 2013. *Chatelier, M., Criqui, P., Heuer, D. & Huet, S. (2012) Nucléaire : quels scénarios pour le futur ?* Natures Sciences Sociétés 21(2): 256-258.
- Lehtonen, M. 2012. *Francis Chateauraynaud (2011) Argumenter dans un champ de forces. Essai de balistique sociologique*. Critical Policy Studies 6(2): 210-213.
- Lehtonen, M. 2008. *Bo Kjellén (2007) A new diplomacy for sustainable development: the challenge of global change*. Natural Resources Forum 32(3): 260-261.
- Lehtonen, M. 2008. *Nathaniel O. Keohane & Sheila M. Olmstead (2007) Markets and the environment*. Environmental Conservation 35(1): 90-91.
- Lehtonen, M. 2007. *L. Morel-Guimaraes, T. M. Khalil & Y. A. Hosni, Eds. (2005) Management of technology: key success factors for innovation and sustainable development*. Technovation 27(5): 320-321.

## Selected other non-peer reviewed publications

- Lehtonen, M. (forthcoming in June 2021). *Das wunder von ONKALO? Zur unerträglichen Leichtigkeit der finnischen Suche nach einem Endlager (The ONKALO miracle? On the unbearable lightness of nuclear waste repository siting in Finland)*. APuZ - Aus Politik und Zeitgeschichte. Supplement of the fortnightly newspaper of the German Parliament ("Das Parlament", published by the Federal Agency for Civic Education).
- Lehtonen, M. 2018. *France Short Country Report. History of Nuclear Energy and Society (HoNESt) Consortium Deliverable 3.6* (peer reviewed).
- Lehtonen, M. 2017. 'Opening up' indicators as boundary objects: fostering greater usefulness of indicators statistics entrepreneurship. Paper presented at the Invited Paper Session (IPS), 'Policy use of macroeconomic indicators', the 61st World Statistics Congress – ISI2017, Marrakech, 16-21 July 2017.
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