

Key Qualifications		Name
<p><i>Senior Researcher</i> with 15 years of work experience in the areas of climate and sustainable development. Experienced project manager and team lead, currently responsible for co-leading the Initiative for Climate Action Transparency (ICAT) methodology development and piloting with a large team of internal and external partners, taking a lead on the ICAT Transformational Change and the ICAT Sustainable Development methodologies. Active researcher in the area of sustainability transition, main supervisor and co-supervisor of several PhD and Master students and Head of PhD Assessment Committees. Staff representative for the union Djøf since 2012, representing 50 staff members in DTU MAN and DTU Wind in annual salary negotiations and in collaboration and local dialogue forums.</p>		<p>Karen Holm Olsen</p> <p><i>Year of Birth:</i> 1972 <i>Languages:</i> Danish (mother tongue), English (fluent), Spanish & German (some)</p>
Specialization		Position: Senior Researcher, Low Carbon Development Programme, UNEP DTU Partnership, Department of Management Engineering, Technical University of Denmark (DTU)
Impact assessment of climate actions for sustainability transition		
Educational Background		
2007	Denmark	PhD in International Development Studies, Department of Society and Globalisation, Roskilde University
2000	Denmark	Master's degree in Social Science, Department of Political Science, University of Copenhagen
1999	Denmark	Bachelor's degree in Political Science, Department of Political Science, University of Copenhagen
1998	Denmark	Bachelor's degree in Geography, Department of Geography, University of Copenhagen
Employment Record		
2012 - ongoing	Denmark	Senior Researcher, UNEP DTU Partnership
2008 - 2011	Denmark	Researcher, UNEP Risø Centre for Energy, Climate and Sustainable Development
2007-2008	Denmark	Post Doc, UNEP Risø Centre for Energy, Climate and Sustainable Development
2002-2006	Denmark	PhD Candidate, International Development Studies, Roskilde University. Thesis title: 'Climate Policy in Practice. Articles on the CDM and institutional capacity development in Uganda'
2005	Denmark	Consultant, Research Network for Environment and Development, Denmark
2002	Denmark, South Africa	Consultancies: Ministry of Foreign Affairs, Denmark; Pretoria, South Africa
2002	South Africa	Administrator, Forum for Economics and Environment, Pretoria, South Africa
Selected Assignments		
2018 - 2020	Global	Co-supervisor of Master students (2018-19) in collaboration with DTU Quantitative Sustainability Assessment (QSA), now restructured and renamed the 'Sustainability' division in DTU MAN. Co-supervisor of Phd student Felix Laumann, Centre for Environmental Policy, Imperial College London (2018-2020). The supervision of master and PhD students focus on methodology development and testing of impact assessment tools and approaches for sustainability transition.
2018 - 2018	Denmark	Chairman of the PhD Assessment Committee for Lakshmi's PhD titled ' <i>Histories, Policies and Practices: Solar PV Energy Transitions in East Africa</i> ', expected submission end of April 2019.
2018-2019	Global	Project manager and expert reviewer, the DG CLIMA project (2018-19) titled ' <i>Expert support in the science of climate change, including governmental and expert review of draft reports in the IPCC AR6 cycle</i> '. The role as expert reviewer involved assessment of the IPCC Special Report 1.5, Ch. 5 on sustainable development, poverty eradication and reducing inequalities. As project manager I oversee and manage the review of expert teams reviewing two other IPCC special reports (SR2- land and SR3-oceans) and one methodology report on inventory methodologies.

Google Scholar h-index 8, citations 1157

2019:

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Maso, M. D., **Olsen, K. H.**, Dong, Y., Pedersen, M. B. & Hauschild, M. Z. (Abstract selected for special issue, forthcoming). 'Assessing the Sustainable Development impact of Nationally Determined Contributions: the case of mini-grids in Kenya.' *Climate Policy*, 1-34.

2018:

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2017:

Olsen, K. H., Arens, C. & Mersmann, F. 2017. 'Learning from CDM SD tool experience for Article 6.4 of the Paris Agreement.' *Climate Policy*, 1-13.

Boodoo, Z. & **Olsen, K. H.** 2017. 'Assessing Transformational Change Potential: The case of the Tunisian Cement Nationally Appropriate Mitigation Action (NAMA)' *Climate Policy*.

2016:

Olsen, K. H. & Fenhann, J. 2016. 'Transformational Change Taxonomy. Methodological framework for the assessment of transformational change in NAMAs. Version 1.' 32. Copenhagen: UNEP DTU Partnership.

Olsen, K. H. & Soezer, A. 2016. 'The Best of Two Worlds. Article 6 mechanisms shall contribute to sustainable development goals (SDGs).' *Carbon Mechanisms Review*, 2016:2, 14-16.

2015:

Arens, C., Mersmann, F., Beuermann, C., Rudolph, F., **Olsen, K. H.**, Bakhtiari, F., Hinostroza, M. & Fenhann, J. 2015. 'Reforming the CDM SD Tool. Recommendations for improvement.' 24. Berlin: German Emissions Trading Authority (DEHSt) at the Federal Environment Agency.

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Olsen, K. H. & Fenhann, J. 2015. 'Transformational change for low carbon and sustainable development.' *Perspectives 2015*: 108. Copenhagen: UNEP DTU Partnership.

Olsen, K. H., Fenhann, J., Hinostroza, M., Arens, C., Mersmann, F., Rudolph, I. F. & Beuermann, C. 2015b. 'Assessing Usefulness - Do Stakeholders Regard the CDM's SD tool as Practical?' 34. Berlin: Federal Environment Agency Germany.

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2014:

Arens, C., Mersmann, F., Beuermann, C., Rudolph, F., **Olsen, K. H.** & Fenhann, J. 2014. 'Mapping the Indicators. An Analysis of Sustainable Development. Requirement of Selected Market Mechanisms of Multilateral Institutions.' 1-38. Berlin: German Emissions Trading Authority (DEHSt) at the Federal Environment Agency.

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2013:

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2011:

Jayant Sathaye, O. L., Atiq Rahman, John Christensen, Fatima Denton, Junichi Fujino, Garvin Heath, Monirul Mirza, Hugh Rudnick, August Schlaepfer, Andrey Shmakin, Gerhard Angerer, Christian Bauer, Morgan Bazilian, Robert J Brecha, Peter Burgherr, Leon Clarke, Felix Creutzig, James Edmonds, Christian Hagelüken, Gerrit Hansen, Nathan Hultman, Michael Jakob, Susanne Kadner, Manfred Lenzen, Jordan Macknick, Eric Masanet, Yu Nagai, Anne Olhoff, **Karen Olsen**, Michael Pahle, Ari Rabl, Richard Richels, Joyashree Roy, Tormod Schei, Christoph von Stechow, Jan Christoph Steckel, Ethan Warner, Tom Wilbanks, Yimin Zhang 2011. 'Renewable energy in the context of sustainable development.' In O. Edenhofer, R. P. Madruga & Y. Sokona (Eds.) *Renewable Energy Sources and Climate Change Mitigation. Special Report of the Intergovernmental Panel on Climate Change (IPCC)*: 707-91. Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi, Tokyo, Mexico City: Cambridge University Press.

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