

## Ulrich Elmer Hansen - DTU Orbit (07/08/2016)

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### Publications:

#### **Niche development and upgrading in the PV value chain: The case of local assembly of PV panels in Senegal**

Nygaard, I. & Hansen, U. E. 2016 *EU-SPRI Conference Lund 2016 : Book of abstracts*. Ch. 5C, p. 247-248 2 p.  
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

#### **Upgrading to lead firm position via international acquisition: learning from the global biomass power plant industry**

Hansen, U. E., Fold, N. & Hansen, T. 2016 In : *Journal of Economic Geography*. 16, 1, p. 131-153 23 p.  
Publication: Research - peer-review › Journal article – Annual report year: 2014

#### **Vertical and horizontal dimensions of upgrading in global value chains: insights from the establishment of local manufacturing of wind turbine components in South Africa**

Larsen, T. H. & Hansen, U. E. 2016 *EU-SPRI Conference Lund 2016 : Book of abstracts*. Ch. 4C, p. 205-207 3 p.  
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

#### **Governance, enabling frameworks and policies for the transfer and diffusion of low carbon and climate adaptation technologies in developing countries**

Haselip, J. A., Hansen, U. E., Puig, D., Trærup, S. L. M. & Dhar, S. 2015 In : *Climatic Change*. 131, 3, p. 363-370 8 p.  
Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Measures for diffusion of solar PV in selected African countries**

Nygaard, I., Hansen, U. E., Mackenzie, G. A. & Pedersen, M. B. 2015 In : *International Journal of Sustainable Energy*. 15 p.  
Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Overcoming Barriers to the Transfer and Diffusion of Climate Technologies**

Nygaard, I. & Hansen, U. E. 2015 2nd ed. UNEP DTU Partnership. 92 p. (TNA Guidebook Series).  
Publication: Research › Book – Annual report year: 2016

#### **Review of solar PV policies, interventions and diffusion in East Africa**

Hansen, U. E., Pedersen, M. B. & Nygaard, I. 2015 In : *Renewable & Sustainable Energy Reviews*. 46, p. 236–248  
Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **The conceptual and practical challenges to technology categorisation in the preparation of technology needs assessments**

Nygaard, I. & Hansen, U. E. 2015 In : *Climatic Change*. 131, 3, p. 371-385 15 p.  
Publication: Research - peer-review › Journal article – Annual report year: 2015

#### **Learning and technological capability building in emerging economies: The case of the biomass power equipment industry in Malaysia**

Hansen, U. E. & Ockwell, D. 2014 In : *Technovation*. 34, 10, p. 617–630  
Publication: Research - peer-review › Journal article – Annual report year: 2014

#### **Measures for the Diffusion of Solar PV are Aligned in Technology Action Plans for Six Countries in Africa**

Nygaard, I., Hansen, U. E., Pedersen, M. B. & Mackenzie, G. A. 2014 *1st Africa Photovoltaic Solar Energy Conference Proceedings*. WIP Renewable Energies, p. 141-150  
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

### **Prospects for investment in large-scale, grid-connected solar power in Africa**

Hansen, U. E., Nygaard, I. & Pedersen, M. B. 2014 UNEP Risø Centre, Technical University of Denmark. 24 p.  
Publication: Research › Report – Annual report year: 2014

### **Review of Solar PV Market Development in East Africa**

Hansen, U. E., Pedersen, M. B. & Nygaard, I. 2014 *1st Africa Photovoltaic Solar Energy Conference Proceedings*. WIP Renewable Energies, 3BV.3.2

Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

### **Review of Solar PV Market Development in East Africa**

Hansen, U. E., Pedersen, M. B. & Nygaard, I. 2014 UNEP Risø Centre, Technical University of Denmark, 22 p. (UNEP Risø Centre Working Paper Series; No. 12).

Publication: Research - peer-review › Working paper – Annual report year: 2014

### **Sustainable energy transitions in emerging economies: The formation of a palm oil biomass waste-to-energy niche in Malaysia 1990–2011**

Hansen, U. E. & Nygaard, I. 2014 In : *Energy Policy*. 66, p. 666-676

Publication: Research - peer-review › Journal article – Annual report year: 2013

### **Development of biomass power plant technologies in Malaysia: niche development and the formation of innovative capabilities**

Hansen, U. E., Fold, N. & Nygaard, I. 2013 Kgs. Lyngby: Technical University of Denmark. 154 p.

Publication: Research › Ph.D. thesis – Annual report year: 2013

### **Transnational linkages and sustainable transitions in emerging countries: Exploring the role of donor interventions in niche development**

Hansen, U. E. & Nygaard, I. 2013 In : *Environmental Innovation and Societal Transitions*. 8, p. 1-19

Publication: Research - peer-review › Journal article – Annual report year: 2013

### **Overcoming Barriers to the Transfer and Diffusion of Climate Technologies**

Boldt, J., Nygaard, I., Hansen, U. E. & Trærup, S. L. M. 2012 UNEP Risø Centre on Energy, Climate and Sustainable Development, Risø DTU National Laboratory for Sustainable Energy. 130 p. (TNA Guidebook Series).

Publication: Research › Book – Annual report year: 2012

### **An empirical case study of the transfer of GHG mitigation technologies from Annex 1 countries to Malaysia under the Kyoto Protocol's Clean Development Mechanism (CDM)**

Hansen, U. E. 2011 In : *International Journal of Technology Transfer and Commercialization*. 10, 1, p. 1-20

Publication: Research - peer-review › Journal article – Annual report year: 2011

### **Diffusion of renewable energy technologies: Case studies of enabling frameworks in developing countries**

Haselip, J. A., Nygaard, I., Hansen, U. E. & Ackom, E. 2011 Roskilde: Danmarks Tekniske Universitet, Risø Nationallaboratoriet for Bæredygtig Energi. 176 p. (Technology Transfer Perspectives Series).

Publication: Research - peer-review › Book – Annual report year: 2011

### **Strengthening Clean Energy Technology Cooperation under the UNFCCC: Steps toward Implementation**

Benioff, R., de Coninck, H., Dhar, S., Hansen, U. E., McLaren, J. & Painuly, J. P. 2010 NREL. 51 p. (NREL-TP-6A0-48596).

Publication: Research › Report – Annual report year: 2010

### **Climate Change: The Current State of Knowledge**

Olhoff, A. & Hansen, U. E. 2009 *Trade and Climate Change: A report by the United Nations Environment Programme and the World Trade Organization*. Geneva: World Trade Organization, p. 1-46 166 p.

Publication: Research › Book chapter – Annual report year: 2009

### **Technology and knowledge transfer from Annex 1 countries to Non Annex 1 countries under the Kyoto Protocol's Clean Development Mechanism (CDM): An empirical case study of CDM projects implemented in Malaysia**

Hansen, U. E. 2008 Roskilde: Danmarks Tekniske Universitet, Risø Nationallaboratoriet for Bæredygtig Energi. 120 p. (CD4CDM Working Paper Series. Working Paper no. 5).  
Publication: Research - peer-review › Report – Annual report year: 2008

**Projects:**

**Greening the grid: A comparative policy analysis of South Africa and India**

Bhamidipati, P. L., Haselip, J. A., Andersen, P. D. & Hansen, U. E.

01/05/2016 → 30/04/2019

Project: PhD

**Sustainability assessment methodologies for Nationally Appropriate Mitigation Actions (NAMAs) in developing countries**

Boodoo, Z., Olsen, K. H. & Hansen, U. E.

15/03/2013 → 14/09/2016

Project: PhD

**The transfer of technologies for climate change mitigation and industrial development in developing countries**

Hansen, U. E., Nygaard, I., Fold, N., Christensen, J. M., Romijn, H. A. & Watson, J.

01/02/2010 → 20/09/2013

Project: PhD