STEP0004: Clean Energy and Development:

View Online

A., Eberhard, Kolker J., and Leigland J. n.d. 'South Africa's Renewable Energy IPP Procurement Programmes: Success Factors and Lessons'. Washington DC: The World Bank Group. http://www.gsb.uct.ac.za/files/PPIAFReport.pdf.

Abdmouleh, Zeineb, Rashid A.M. Alammari, and Adel Gastli. 2015. 'Review of Policies Encouraging Renewable Energy Integration & Best Practices'. Renewable and Sustainable Energy Reviews 45 (May): 249–62. https://doi.org/10.1016/j.rser.2015.01.035.

Africa Progress Panel. 2015. 'Power People Planet: Seizing Africa's Energy and Climate Opportunities : Africa Progress Report 2015'. Africa Progress Panel. http://www.africaprogresspanel.org/publications/policy-papers/2015-africa-progress-report/.

Alstone, Peter, Dimitry Gershenson, and Daniel M. Kammen. 2015. 'Decentralized Energy Systems for Clean Electricity Access'. Nature Climate Change 5 (4): 305–14. https://doi.org/10.1038/nclimate2512.

Araújo, Kathleen. 2014. 'The Emerging Field of Energy Transitions: Progress, Challenges, and Opportunities'. Energy Research & Social Science 1 (March): 112–21. https://doi.org/10.1016/j.erss.2014.03.002.

Baker, Lucy, Peter Newell, and Jon Phillips. 2014. 'The Political Economy of Energy Transitions: The Case of South Africa'. New Political Economy 19 (6): 791–818. https://doi.org/10.1080/13563467.2013.849674.

Banal-Estañol, Albert, Joan Calzada, and Jacint Jordana. 2017. 'How to Achieve Full Electrification: Lessons from Latin America'. Energy Policy 108 (September): 55–69. https://doi.org/10.1016/j.enpol.2017.05.036.

Bazilian, Morgan, Patrick Nussbaumer, Christine Eibs-Singer, Abeeku Brew-Hammond, Vijay Modi, Benjamin Sovacool, Venkata Ramana, and Peri-Khan Aqrawi. 2012. 'Improving Access to Modern Energy Services: Insights from Case Studies'. The Electricity Journal 25 (1): 93–114. https://doi.org/10.1016/j.tej.2012.01.007.

Bhattacharyya, Subhes C., and Sanusi Ohiare. 2012. 'The Chinese Electricity Access Model for Rural Electrification: Approach, Experience and Lessons for Others'. Energy Policy 49 (October): 676–87. https://doi.org/10.1016/j.enpol.2012.07.003.

Boyle, Godfrey. 2012. Renewable Energy: Power for a Sustainable Future. 3rd ed. Oxford University Press.

BRADSHAW, MICHAEL J. 2010. ‘Global Energy Dilemmas: A Geographical Perspective’. Geographical Journal 176 (4): 275–90. https://doi.org/10.1111/j.1475-4959.2010.00375.x.
Brass, Jennifer N., Sanya Carley, Lauren M. MacLean, and Elizabeth Baldwin. 2012. ‘Power for Development: A Review of Distributed Generation Projects in the Developing World’. Annual Review of Environment and Resources 37 (1): 107–36. https://doi.org/10.1146/annurev-environ-051112-111930.

‘Bridging the Emissions Gap - The Role of Non-State and Subnational Actors | UN Environment (2018)’. n.d. https://wedocs.unep.org/bitstream/handle/20.500.11822/26093/NonState_Emissions_Gap.pdf?isAllowed=y&sequence=1.

Burke, Matthew J., and Jennie C. Stephens. 2018. ‘Political Power and Renewable Energy Futures: A Critical Review’. Energy Research & Social Science 35 (January): 78–93. https://doi.org/10.1016/j.erss.2017.10.018.

Byrne, R., Ockwell, D., Urama, K., Ozor, N., Kirumba, E., Ely, A., Becker, S., and Gollwitzer, L. 2014. ‘Sustainable Energy for Whom? Governing pro-Poor, Low Carbon Pathways to Development: Lessons from Solar PV in Kenya’. STEPS Centre. http://steps-centre.org/wp-content/uploads/Energy-Access-online.pdf.

Casillas, Christian E. and Kammen, Daniel M. 2010. ‘The Energy-Poverty-Climate Nexus’. Science 330. http://beahrselp.berkeley.edu/wp-content/uploads/CasillasKammen-EnergyPoverty-Climate-SCIENCE-11-26-2010.pdf.

‘Chile’s Renewable Energy Potential Promises Multiple Benefits for the Country’. n.d. https://www.iea.org/newsroom/news/2018/january/chiles-renewable-energy-potential-promises-multiple-benefits-for-the-country-ac.html.

Eberhard, Anton, Katharine Gratwick, Elvira Morella, and Pedro Antmann. 2017. ‘Independent Power Projects in Sub-Saharan Africa: Investment Trends and Policy Lessons’. Energy Policy 108 (September): 390–424. https://doi.org/10.1016/j.enpol.2017.05.023.

Edenhofer, Ottmar, Ramon Pichs-Madruga, Youba Sokona, Kristin Seyboth, Patrick Matschoss, Susanne Kadner, Timm Zwickel, et al., eds. 2011. Renewable Energy Sources and Climate Change Mitigation. Cambridge: Cambridge University Press. https://doi.org/10.1017/CBO9781139151153.

Ellabban, Omar, Haitham Abu-Rub, and Frede Blaabjerg. 2014. ‘Renewable Energy Resources: Current Status, Future Prospects and Their Enabling Technology’. Renewable and Sustainable Energy Reviews 39 (November): 748–64. https://doi.org/10.1016/j.rser.2014.07.113.

‘Emissions Gap Report | UN Environment’. n.d. https://www.unenvironment.org/resources/emissions-gap-report.

‘Energy Transitions (The Pardee Papers/No. 12/November 2010)’. n.d. https://www.bu.edu/pardee/files/2010/11/12-PP-Nov2010.pdf.

Fuso Nerini, Francesco, Julia Tomei, Long Seng To, Iwona Bisaga, Priti Parikh, Mairi Black,

Aiduan Borrion, et al. 2017. 'Mapping Synergies and Trade-Offs between Energy and the Sustainable Development Goals'. Nature Energy, November. https://doi.org/10.1038/s41560-017-0036-5.

Gabriel, Cle-Anne. 2016. 'What Is Challenging Renewable Energy Entrepreneurs in Developing Countries?' Renewable and Sustainable Energy Reviews 64 (October): 362–71. https://doi.org/10.1016/j.rser.2016.06.025.

Gabriel, Cle-Anne, and Jodyanne Kirkwood. 2016. 'Business Models for Model Businesses: Lessons from Renewable Energy Entrepreneurs in Developing Countries'. Energy Policy 95 (August): 336–49. https://doi.org/10.1016/j.enpol.2016.05.006.

Geels, Frank W. 2018. 'Disruption and Low-Carbon System Transformation: Progress and New Challenges in Socio-Technical Transitions Research and the Multi-Level Perspective'. Energy Research & Social Science 37 (March): 224–31. https://doi.org/10.1016/j.erss.2017.10.010.

'Global Warming of 1.5oC | IPCC Special Report (2018) Summary for Policymakers'. n.d. https://report.ipcc.ch/sr15/pdf/sr15_spm_final.pdf.

Holtorf, Hans, Tania Urmee, Martina Calais, and Trevor Pryor. 2015. 'A Model to Evaluate the Success of Solar Home Systems'. Renewable and Sustainable Energy Reviews 50 (October): 245–55. https://doi.org/10.1016/j.rser.2015.05.015.

HUYBRECHTS, Benjamin, and Sybille MERTENS. 2014. 'THE RELEVANCE OF THE COOPERATIVE MODEL IN THE FIELD OF RENEWABLE ENERGY'. Annals of Public and Cooperative Economics 85 (2): 193–212. https://doi.org/10.1111/apce.12038.

IEA. 2014. 'Technology Roadmap: Solar Photovoltaic Energy'. IEA. http://www.iea.org/publications/freepublications/publication/pv_roadmap.pdf.

'Introducing Sustainable Development Goals - YouTube'. n.d. https://www.youtube.com/watch?v=vw5fIPS_kK8.

James H. Williams and Navroz K. Dubash. 2004. 'Asian Electricity Reform in Historical Perspective'. Pacific Affairs 77 (3): 411–36. http://www.jstor.org.libproxy.ucl.ac.uk/stable/40022909?seq=1#page_scan_tab_contents.

Knuckles, James. 2016. 'Business Models for Mini-Grid Electricity in Base of the Pyramid Markets'. Energy for Sustainable Development 31 (April): 67–82. https://doi.org/10.1016/j.esd.2015.12.002.

Kroon, Bianca van der, Roy Brouwer, and Pieter J.H. van Beukering. 2013. 'The Energy Ladder: Theoretical Myth or Empirical Truth? Results from a Meta-Analysis'. Renewable and Sustainable Energy Reviews 20 (April): 504–13. https://doi.org/10.1016/j.rser.2012.11.045.

Levin, Todd, and Valerie M. Thomas. 2016. 'Can Developing Countries Leapfrog the Centralized Electrification Paradigm?' Energy for Sustainable Development 31 (April): 97–107. https://doi.org/10.1016/j.esd.2015.12.005.

Li, Kaijian, Guiwen Liu, Asheem Shrestha, Igor Martek, and Xiaoling Zhang. 2018. 'The Role of Local Private Participation in China's Transition to Domestically Developed Renewable Energy Technologies'. Journal of Cleaner Production 173 (February): 217–24. https://doi.org/10.1016/j.jclepro.2017.04.125.

MacCarty, Nordica A., and Kenneth Mark Bryden. 2016. 'An Integrated Systems Model for Energy Services in Rural Developing Communities'. Energy 113 (October): 536–57. https://doi.org/10.1016/j.energy.2016.06.145.

'Making Renewable Energy a Success in Bangladesh: Getting the Business Model Right'. n.d. https://www.adb.org/sites/default/files/publication/177814/ban-making-renewable-energy-success.pdf.

Mazzucato, Mariana, and Gregor Semieniuk. 2018. 'Financing Renewable Energy: Who Is Financing What and Why It Matters'. Technological Forecasting and Social Change 127 (February): 8–22. https://doi.org/10.1016/j.techfore.2017.05.021.

McGlade, Christophe, and Paul Ekins. 2015. 'The Geographical Distribution of Fossil Fuels Unused When Limiting Global Warming to 2 °C'. Nature 517 (7533): 187–90. https://doi.org/10.1038/nature14016.

Morris, Mike and Martin, Lucy. 2015. 'Political Economy of Climate-Relevant Policies: The Case of Renewable Energy in South Africa'. IDS/University of Cape Town. https://opendocs.ids.ac.uk/opendocs/bitstream/handle/123456789/5986/ER128_PoliticalEconomyofClimaterelevantChangePoliciestheCaseofRenewableEnergyinSouthAfrica.pdf?sequence=6.

Navroz K. Dubash. 2008. 'The Electricity-Groundwater Conundrum: Case for a Political Solution to a Political Problem'. Economic and Political Weekly 42 (52): 45–55. http://www.jstor.org.libproxy.ucl.ac.uk/stable/40277126?seq=1#page_scan_tab_contents.

Newell, Peter, and Harriet Bulkeley. 2017. 'Landscape for Change? International Climate Policy and Energy Transitions: Evidence from Sub-Saharan Africa'. Climate Policy 17 (5): 650–63. https://doi.org/10.1080/14693062.2016.1173003.

Nygaard, Ivan, Ulrich Elmer Hansen, Gordon Mackenzie, and Mathilde Brix Pedersen. 2017. 'Measures for Diffusion of Solar PV in Selected African Countries'. International Journal of Sustainable Energy 36 (7): 707–21. https://doi.org/10.1080/14786451.2015.1086768.

'Online Tool and Database Analyze NDC-SDG Links | News | SDG Knowledge Hub | IISD'. n.d. http://sdg.iisd.org/news/online-tool-and-database-analyze-ndc-sdg-links/.

'Portfolio Dashboard | Green Climate Fund'. n.d. https://www.greenclimate.fund/what-we-do/portfolio-dashboard.

'Powering a Home with Just 25 Watts of Solar PV: SuperEfficient Appliances Can Enable Expanded Off-Grid Energy Service Using Small Solar Power Systems'. n.d. http://www.cleanenergyministerial.org/Portals/2/pdfs/GlobalLEAP-PoweringAHome.pdf.

Purdon, Mark. 2015. 'Opening the Black Box of Carbon Finance "Additionality": The Political

Economy of Carbon Finance Effectiveness across Tanzania, Uganda, and Moldova'. World Development 74 (October): 462–78. https://doi.org/10.1016/j.worlddev.2015.05.024.

Rehman, Ibrahim Hafeezur, Arun Sreekumar, Bigsna Gill, and Ernst Worrell. 2017. 'Accelerating Access to Energy Services: Way Forward'. Advances in Climate Change Research 8 (1): 57–61. https://doi.org/10.1016/j.accre.2017.03.003.

REN21. n.d. 'Renewables 2016 Global Status Report'. http://www.ren21.net/gsr-online/.

'Renewable Energy Market Analysis. Latin America | IRENA (2016)'. n.d. http://www.irena.org/documentdownloads/publications/irena_market_analysis_latin_america_2016.pdf.

Rieger, Stephanie. 2015. 'GET FiT Uganda: PPIAF Short Story Competition'. PPIAF, World Bank Group. https://library.pppknowledgelab.org/PPIAF/documents/3179?ref_site=ppiaf.

Schwerhoff, Gregor, and Mouhamadou Sy. 2017a. 'Financing Renewable Energy in Africa – Key Challenge of the Sustainable Development Goals'. Renewable and Sustainable Energy Reviews 75 (August): 393–401. https://doi.org/10.1016/j.rser.2016.11.004.

———. 2017b. 'Financing Renewable Energy in Africa – Key Challenge of the Sustainable Development Goals'. Renewable and Sustainable Energy Reviews 75 (August): 393–401. https://doi.org/10.1016/j.rser.2016.11.004.

Scott, Andrew and Greenhill, Romilly. 2014. 'Turning the Lights on: Sustainable Energy and Development in Viet Nam'. Overseas Development Institute. http://www.odi.org/publications/8798-turning-lights-sustainable-energy-development-viet-nam.

Seto, Karen C., Steven J. Davis, Ronald B. Mitchell, Eleanor C. Stokes, Gregory Unruh, and Diana Ürge-Vorsatz. 2016. 'Carbon Lock-In: Types, Causes, and Policy Implications'. Annual Review of Environment and Resources 41 (1): 425–52. https://doi.org/10.1146/annurev-environ-110615-085934.

Shen, Wei, and Marcus Power. 2017. 'Africa and the Export of China's Clean Energy Revolution'. Third World Quarterly 38 (3): 678–97. https://doi.org/10.1080/01436597.2016.1199262.

Solomon, Barry D., and Karthik Krishna. 2011. 'The Coming Sustainable Energy Transition: History, Strategies, and Outlook'. Energy Policy 39 (11): 7422–31. https://doi.org/10.1016/j.enpol.2011.09.009.

Szabó, S., K. Bódis, T. Huld, and M. Moner-Girona. 2013. 'Sustainable Energy Planning: Leapfrogging the Energy Poverty Gap in Africa'. Renewable and Sustainable Energy Reviews 28 (December): 500–509. https://doi.org/10.1016/j.rser.2013.08.044.

'Technology Needs Assessments. Summary of Country Priorities (2015-2018) | UNEP–DTU & UNFCCC Secretariat'. n.d. https://unfccc.int/ttclear/misc_/StaticFiles/gnwoerk_static/TNA_key_doc/137ce42be33c4341a9b9e6679f7f8539/4a057ad243164ac6bbaa62bcb96bc39a.pdf.

Ubels, Jan and Fowler, Alan. 2010. 'Chapter 1: The Multi-Faceted Nature of Capacity: Two

Leading Frameworks'. In Capacity Development in Practice. Earthscan. http://snv-website-2015.live.dpdk.com/public/cms/sites/default/files/explore/download/capacity_development_in_practice.pdf.

Urpelainen, Johannes. 2014. 'Grid and Off-Grid Electrification: An Integrated Model with Applications to India'. Energy for Sustainable Development 19 (April): 66–71. https://doi.org/10.1016/j.esd.2013.12.008.

Welsch, Manuel, Morgan Bazilian, Mark Howells, Deepak Divan, David Elzinga, Goran Strbac, Lawrence Jones, et al. 2013. 'Smart and Just Grids for Sub-Saharan Africa: Exploring Options'. Renewable and Sustainable Energy Reviews 20 (April): 336–52. https://doi.org/10.1016/j.rser.2012.11.004.

White, William, Anders Lunnan, Erlend Nybakk, and Biljana Kulisic. 2013. 'The Role of Governments in Renewable Energy: The Importance of Policy Consistency'. Biomass and Bioenergy 57 (October): 97–105. https://doi.org/10.1016/j.biombioe.2012.12.035.

Yekini Suberu, Mohammed, Mohd Wazir Mustafa, and Nouruddeen Bashir. 2014. 'Energy Storage Systems for Renewable Energy Power Sector Integration and Mitigation of Intermittency'. Renewable and Sustainable Energy Reviews 35 (July): 499–514. https://doi.org/10.1016/j.rser.2014.04.009.