



## **Jacques MOULOT, Ph.D.**

### **Biographie**

Dr. Moulot est diplômé des États-Unis avec un doctorat en génie électrique avec plus de 30 ans d'expérience diversifiée dans le secteur de l'énergie aux niveaux national et international. Il est actuellement co-fondateur et COO du Groupe africain pour l'énergie, l'eau et l'environnement (A3E) spécialisé dans la fourniture de solutions techniques, de produits commerciaux et de services de conseils dans les domaines de l'énergie durable, de l'eau et de l'environnement. Il a été dernièrement Manager de la division en charge des Sociétés d'électricité à la Banque Africaine de Développement. Ses principales activités comprenaient la planification, le développement et la mise en œuvre du programme de transformation durable des sociétés d'électricité d'Afrique, qui vise à reformer les sociétés d'électricité publics vers la solvabilité et la durabilité. Il est un spécialiste des projets énergétiques multinationaux (régionaux), avec une vaste expérience combinant les politiques, le Conseil, l'assistance technique et le développement et le financement des infrastructures énergétiques régionales. Avant de rejoindre la Banque, il a occupé le poste de spécialiste senior du programme de Science et Technologies pour l'Afrique subsaharienne à l'UNESCO, en se concentrant sur les services d'Assistance Technique aux États sur les politiques en matière de ST&I. Pendant qu'il était à la Commission Economique de l'ONU pour l'Afrique, il a coordonné le secrétariat de l'ONU-Énergie/Afrique et le point focal du Groupe inter-institutions de coordination de l'énergie des Nations Unies. Il est l'auteur de plusieurs publications sur les questions liées au développement énergétique en Afrique, et est un conférencier international connu sur les questions énergétiques africaines.

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Dr. Moulot is a USA graduate with a Ph.D. in Electrical Engineering with over 30 years of diverse experience in the energy sector at national and international levels. He is currently co-founding COO of the African Group for Energy, Water and Environment (A3E) specialized in providing technical solutions, commercial products and advisory services in sustainable energy, water, and environment. He formerly served as Manager of the Power Utility Division in the African Development Bank. His main activities included the planning, development and implementation of the Sustainable Utility Transformation Agenda of the Bank, aimed at turning utilities around towards creditworthy and sustainability. He is a specialist of multinational energy projects, with extensive experience combining policy, advisory service, technical assistance and regional energy infrastructure development and financing. Before joining the Bank, he served as the Sub-Sahara Africa Senior Programme Specialist for Science and Technology in UNESCO focusing on STI policy advisory services. While in the UN-Economic Commission for Africa, he coordinated the secretariat of UN-Energy/Africa and focal point of UN Interagency Energy Coordination Group. He is the author of several publications on issues related to energy development in Africa, and is a known international keynote speaker on African energy issues.

## SELECTED PUBLICATIONS

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1. **Technical Editor for “Revisiting African Power Sector Reform”, AfDB PEVP, Sept. 2019**, <https://africa-energy-portal.org/reports/report-revisiting-reforms-power-sector-africa>
  2. Technical editing of “Regional Integration in the context of Climate Change”, AfDB, ONRI, January 2016, TBP
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  8. “Critical Capacity Requirements in Africa for Mainstreaming Environmental Considerations in Energy Planning and Development”, Jacques Moulot, Africa Sustainable Development Bulletin, Published by ECA, 2006
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  13. “Feasibility study of commercial manufacturing in Côte d’Ivoire of Solar Water Heaters (SWH)”, J. Moulot and M. Sako, Afrepren-Nairobi, working paper, 1998.
  14. “New Three-Layer Antireflection/surface Passivating Coating for High Efficiency III-V Compound Solar Cells”, J. Moulot, M. Faur, M. Faur, C. Goradia, M. Goradia, S. Alterovitz, S. Bailey, 8th Indium Phosphide and Related Materials conference (IPRM), Germany, April. 21-25, 1996
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  16. “Status of Diffused Junction p+n InP Solar Cells for Space Applications”, M. Faur, M. Faur, D.J. Flood, D.J. Brinker, C. Goradia, N.S. Fatemi, P.P. Jenkins, D.M. Wilt, S. Bailey, M. Goradia, and J. Moulot, 13th Space Photovoltaic Research and Technology (SPRAT) Conference, Cleveland, June 1994, p. 63.
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