

MOHAMMED S. ALNAHAS

PROFESSIONAL SUMMARY

Carbon markets expert working on the design and implementation of emission management market mechanisms. Current work focuses on developing emissions compliance systems, renewable certificate governance, and high-integrity crediting approaches. Active participant in UNFCCC negotiations, including Article 6 and the UAE Just Transition Work Programme.

PROFESSIONAL EXPERIENCE

Saudi Arabia Designated National Authority Carbon Markets Expert	Riyadh, Saudi Arabia May 24 – Current
Columbia University – Earth Engineering Center Research Associate	New York, NY Feb 23 – Current
Saudi Aramco Senior Carbon Circularity Strategist	Dhahran, Saudi Arabia Feb 23 – Apr 24
McKinsey & Company Associate Intern	Riyadh, Saudi Arabia Jun 22 – Sep 22
Saudi Aramco Reservoir Simulation Engineer	Dhahran, Saudi Arabia Jun 16 – Jul 21

EDUCATION

Columbia University—MS Earth & Environmental Engineering Sustainable Energy Concentration	New York, NY Dec 22
Prince Mohammad bin Salman College—MBA	KAEC, Saudi Arabia May 21
Pennsylvania State University—BS Petroleum & Natural Gas Engineering	State College, PA May 16

ACADEMIC RESEARCH

Saudi Arabia's Hydrogen Leadership in a Transforming Energy Landscape: Technical, Economic, and Policy Perspectives Thesis, Columbia University	Dec 22
End-of-life Cycle Strategies for Lucid Motors Lithium-ion Batteries Research Paper, Columbia University	May 22
Exclusive Gas Field Development for Blue Hydrogen Production in Saudi Arabia Research Paper, Columbia University	Dec 21
Optimizing the UK Energy Mix in 2050 via Predictive Modeling Research Paper, Columbia University	Dec 21

PUBLICATIONS

Our Role in Global Sustainable Development

Mar 19

Article, SandRose Magazine

The Accelerated Development of Young Professionals in an Integrated Environment

Aug 18

Technical Paper, Society of Petroleum Engineers, Reference: 192244-MS