

AYO DANIEL ABIOLA

EDUCATOR . SUSTAINABLE BUILDING AND NET ZERO PRACTITIONER

P.Eng. · CDP · PQS · ASHRAE Certified Decarbonization Professional

BIOGRAPHY

Ayo Daniel Abiola is one of only 64 professionals worldwide to hold the inaugural ASHRAE Certified Decarbonization Professional designation — a credential recognizing advanced expertise in building-sector emissions reduction.

As both a Professional Engineer and Professional Quantity Surveyor, Ayo possesses a rare dual expertise that allows him to address what most practitioners struggle with: delivering decarbonized buildings that are both technically sound and financially practical.

He founded Decarbonization Academy on a clear premise — there can be no net zero without transforming the built environment, and that transformation requires both compelling financial cases for investors and tangible benefits for building occupants.

With more than a decade of project delivery experience, Ayo teaches construction professionals the integrated technical and economic frameworks that make decarbonization work in the real world, not just on paper.

He is also co-founder of Black Engineers of Canada and an MIT Instructor on a mission to equip 40 million construction professionals worldwide to address buildings' 40% share of global carbon emissions.

CREDENTIALS & AFFILIATIONS

ASHRAE Certified Decarbonization Professional (CDP)

One of 64 holders globally to earn the inaugural certification in 2024. The CDP recognizes advanced competency in whole-building decarbonization strategy, energy systems, and retrofit pathways.

Professional Engineer — P.Eng.

Licensed practitioner in engineering with technical authority across building systems and construction projects.

Professional Quantity Surveyor — PQS

Expertise in construction economics, cost planning, and project lifecycle analysis.

Instructor, MIT Professional Education

Instructor and Expert Facilitator for the Sustainable Infrastructure course for hundreds of global professionals and leaders.

Co-Founder, Black Engineers of Canada

Advancing equity and representation in the engineering profession.

Contributor, Construction Economist

Featured contributor on Decarbonization to Canada's leading publication for quantity surveyors and construction economists.

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SPEAKING TOPICS

Decarbonizing the Built Environment

The scale of the challenge, the policy landscape, and what AEC professionals need to know now.

From Compliance to Competitive Advantage

How firms that lead on low-carbon positioning are winning work, attracting talent, and building resilience.

Retrofit Pathways for Existing Buildings

Technical and strategic frameworks for navigating whole-building performance improvements.

The AEC Professional's Role in the Energy Transition

Equipping architects, engineers, and contractors to lead — not just respond to — client demand.

Certifications, Codes & the Carbon Economy

Navigating ASHRAE standards, net-zero certifications, carbon pricing, and disclosure requirements.

Mission 40-40: Scaling Decarbonization Knowledge

The emerging movement to scale decarbonization knowledge to 40 million professionals by 2040 to solve the building industry's 40% problem.

IDEAL FOR

- Industry conferences and symposia (AEC, sustainability, real estate)
- Professional development days and CPD events
- Firm retreats, leadership offsites, and all-hands presentations
- University and continuing education programs
- Government and policy forums on the built environment
- Corporate ESG and sustainability leadership sessions

PLATFORM

decarbonizationacademy.com

sustainablebuildingnetwork.com