

# Executive Certificate In Digital Assets Innovation, Industry, Regulation & Compliance (DAIIRC)

Empowering Innovators and Policymakers  
in the Age of Digital Finance.



CAMBRIDGE | Enterprise



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# 01.

# About the Programme

## Overview

A pioneering executive education programme designed to equip **regulators, policymakers, and financial industry executives** with the **knowledge, tools, and global insights** needed to navigate and lead in the **fast-evolving world of digital assets**.

## Developed by

University of Cambridge (Cambridge Enterprise)

## Delivered in partnership with

Nigeria Securities & Exchange Commission (NCMI), Kenya School of Government (KSG), & Busha

## Target Audience

1. Regulators and law enforcement professionals
2. Policymakers
3. Financial sector executives
4. Legal & compliance professionals
5. Innovators and ecosystem leaders

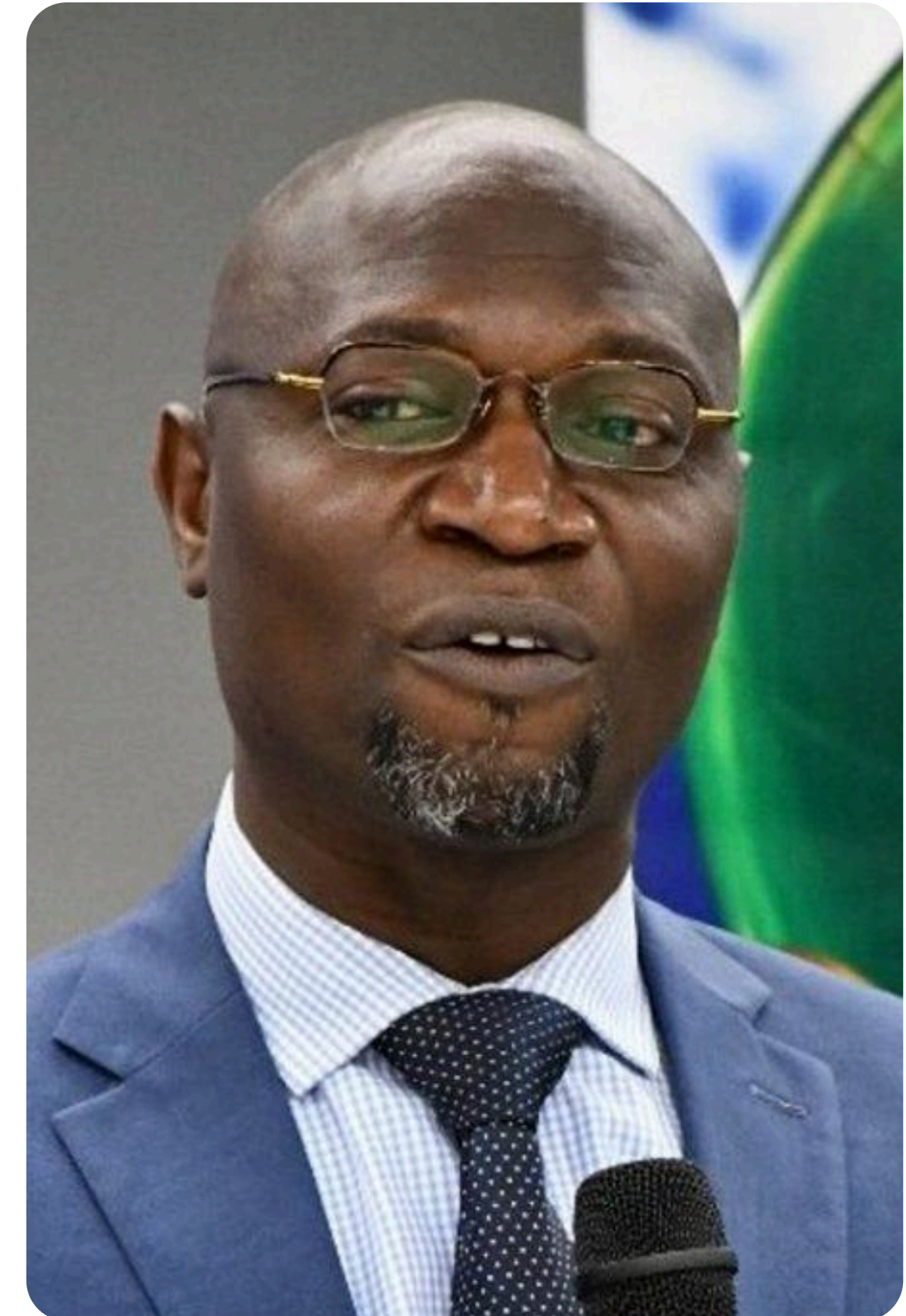


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As Africa stands on the threshold of a digital economic transformation, the role of forward-thinking regulation becomes more critical than ever. At the SEC, we recognise that innovation must be met with deep understanding, structured oversight, and bold capacity-building. This partnership with University of Cambridge and Busha to deliver a world-class executive programme reflects our commitment to equipping regulators, policymakers, and market leaders with the tools they need to engage with digital assets from a position of confidence, not caution. We are not just responding to change—we are helping to shape it for the stability, growth, and inclusion of our capital markets.

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**Dr. Emomotimi Agama,**  
**Director-General, Securities and Exchange Commission of Nigeria**



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# 02.

## Why This Programme?



Tailored for the African context,  
with global best practices



Blends academic rigour from Cambridge  
with on-the-ground market realities



Access to leading international and  
African faculty and practitioners



Certificate issued by Cambridge  
University Executive Education



# 03.

## Programme Structure

### Overview

# 6 Weeks (Hybrid)

### Format

Instructor-Led Sessions, Guest Speakers,  
Real-World Case Studies, Capstone Projects

# 04.

## Programme Modules

Each module in the DAIIIRC programme is carefully designed to bridge global best practices with Africa's regulatory and financial realities.

Participants will gain both foundational understanding and applied strategic insight across six comprehensive modules:





## Module 0

# Welcome

This introductory module sets the stage for the entire programme, providing participants with a comprehensive orientation to the structure, learning outcomes, and expectations of the course. Participants will understand the motivations behind the programme, and meet fellow participants, instructors, and mentors. This module also introduces the platforms, tools, and collaborative spaces that will support participant learning throughout the programme.

### Key Takeaways

Understand the goals, structure, and expectations of the programme

Familiarise with the delivery technology and tools.

Connect with peers, mentors, and learning facilitators

### Module Lead



#### Dr. Dee Allen

Dr. Dee Allen is Assistant Provost for Innovation and Associate Professor at the University of The Bahamas. Formerly Head of Capacity Building at the Cambridge Centre for Alternative Finance, she led global fintech education programmes for over 2,500 regulators across 150 countries. With two decades of experience in law, entrepreneurship, and higher education, she is a leading voice in fintech policy education across Africa, the Caribbean, and Asia.

## Module 1

# Introduction to Cryptoassets and Blockchain Principles

Explore the building blocks of the digital asset revolution. This module provides a foundational understanding of blockchain technology, distributed ledgers, hashing, consensus mechanisms, and token classifications. Participants will also review the historical evolution of digital assets and assess how these innovations are reshaping financial systems globally.

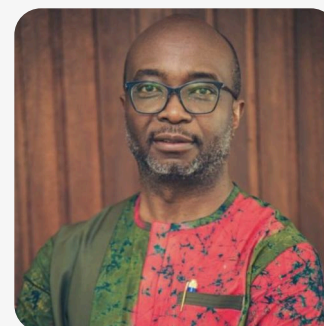
### Key Takeaways

Understand blockchain architecture and distributed consensus

Analyse the growth of cryptoassets and their use cases

Build fluency in key terminology and digital asset categories

### Module Lead



#### Dr. Patrick Saidu Conteh

Dr. Conteh is the CEO of the Africa Fintech Network, representing 40+ national fintech associations across the continent. A former Governor of the Central Bank of Sierra Leone, he pioneered one of Africa's first regulatory sandboxes. He has also served as an advisor to Liberia's Ministry of Finance and the Alternate Executive Director at the African Development Bank, and was previously Regional Lead for Cambridge's Fintech research in Africa. Patrick's career spans central banking, development finance, and digital policy.



## Module 2

# Cryptocurrencies, Digital Value Systems, and Payment Innovation

This module explores how cryptocurrencies are enabling new models of value transfer and financial infrastructure. Participants will examine leading blockchain protocols such as Bitcoin and Ethereum, along with the tools and networks that support crypto-based payments, settlements, and asset exchange. The focus is on the architecture of crypto payment ecosystems, the role of digital wallets, and the integration of these systems with existing financial channels, including remittances and cross-border trade.

### Key Takeaways

Understand how cryptocurrencies function within payment infrastructure

Explore the role of wallets, custody, and transaction networks

Evaluate the opportunities and risks in using crypto for cross-border value transfer

### Module Lead



#### Simon Callaghan

Simon is CEO of The RegTech Association and former Director of the Cambridge Digital Assets Programme. With over two decades of experience in fintech, regtech, and digital currencies, he has advised governments and led global engagements across five continents. He previously served as CEO of Blockchain Australia and held leadership roles at Infosys, Celsius, and the Australian Consulate in New York. Simon holds advanced degrees from Cambridge, Brown, Carnegie Mellon, and AGSM.

## Module 3

# Stablecoins and Central Bank Digital Currencies (CBDCs)



This module provides a comprehensive understanding of how stablecoins are emerging as tools for modernising payments and affecting monetary systems. Participants will examine how these instruments are being designed, implemented, and regulated across jurisdictions. The module covers motivations such as financial inclusion, cost reduction, and monetary sovereignty, while also analysing successful real-world deployments like USDT. Through comparative case studies and policy discussions, learners will develop a grounded understanding of the implications of stable digital currencies for the future of financial systems and regulation.

### Key Takeaways

Understand the design frameworks and use cases of stablecoins and CBDCs

Examine the macroeconomic and regulatory considerations shaping adoption

Evaluate global and regional case studies to identify lessons and best practices

### Module Lead



#### Loretta Joseph

Loretta is a globally recognised expert in digital finance, currently advising the Financial Services Commission of Jamaica on virtual asset regulation. She played a lead role in developing the Commonwealth Model Law on Virtual Assets and has supported dozens of governments in implementing FATF-aligned frameworks. A passionate advocate for inclusive innovation, Loretta was named a 'Hero of the Commonwealth' for her regulatory work across emerging markets.



## Module 4

# Centralised and Decentralised Finance (CeFi and DeFi)

Gain a deep understanding of the parallel universes of CeFi and DeFi. From crypto exchanges to DeFi protocols, participants will explore how smart contracts enable lending, trading, and staking outside of traditional banks—and the governance, security, and regulatory issues they raise.

### Key Takeaways

Compare CeFi and DeFi operating models and risks

Explore automated market makers, DAO governance, and staking

Understand vulnerabilities like smart contract bugs and protocol hacks

### Module Lead



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## Module 5

# Regulation, Supervision, and Compliance for Virtual Assets

This module demystifies global regulatory approaches to virtual assets. Participants will study FATF standards, licensing frameworks for VASPs, compliance mandates (e.g. Travel Rule), and emerging supervisory technologies. Especially relevant for regulators, risk and compliance officers, and law enforcement agents.

### Key Takeaways

Apply global AML/CFT rules to virtual assets

Understand licensing regimes and regulatory sandboxes

Explore supervisory and enforcement tools in the digital era

### Module Lead



#### Dr. Tanya McCartney

Dr. McCartney is a UK-trained barrister and the CEO of GEM Advisory, a regulatory compliance firm. She teaches law at the University of the Bahamas and has over 25 years of experience across law, banking, and regulation. She holds an LLM from the London School of Economics and dual MBAs from Bangor University and The College of the Bahamas. Her DBA research focused on change readiness strategies in financial services.



## Module 6

# Digital Assets in Practice (Industry Focus)

The final module bridges theory and real-world application. With case studies and guest speakers, participants will explore how digital asset strategies are being deployed across banking, asset management, fintech, and public sector institutions. Topics include tokenisation, custody, and digital securities.

### Key Takeaways

Examine institutional adoption of crypto and tokenised assets

Understand operational and legal frameworks for digital custody

Gain insight into live deployments and business model innovation

### Module Lead



#### Olaoluwa Samuel-Biyi

Olaoluwa is Co-founder and Director at Busha, Africa's leading regulated digital asset exchange. He was previously Investment Principal at Blockchain.com Ventures and one of the earliest employees at Jumia, where he served as Head of Business Intelligence. A British Chevening Scholar, he holds an MSc in Social Innovation and Entrepreneurship from the London School of Economics and is completing a doctorate at IE Business School, Madrid, focused on Cryptoeconomics. Olaoluwa was an Adjunct Professor at Hult International Business School in London, where he lectured in Finance and Blockchain.

Module 7

# Capstone Project

This final module challenges participants to consolidate their learning by completing an independent capstone project. Participants will develop a comprehensive strategy report, policy proposal, or comparative analysis focused on a real-world use case or issue within the digital asset ecosystem. The capstone serves as both an assessment and a portfolio piece that demonstrates applied knowledge, research skills, and thought leadership.

Participants may choose from three broad formats—policy proposals, business strategy reports, or thematic case studies—and are encouraged to tackle pressing challenges across regulation, innovation, and industry application. Final submissions will be assessed for clarity, originality, analytical depth, and practical value.

### Key Takeaways

Apply course insights to a real-world challenge or opportunity

Demonstrate critical thinking, research, and strategic planning

Produce a professional-grade output for policy or business stakeholders

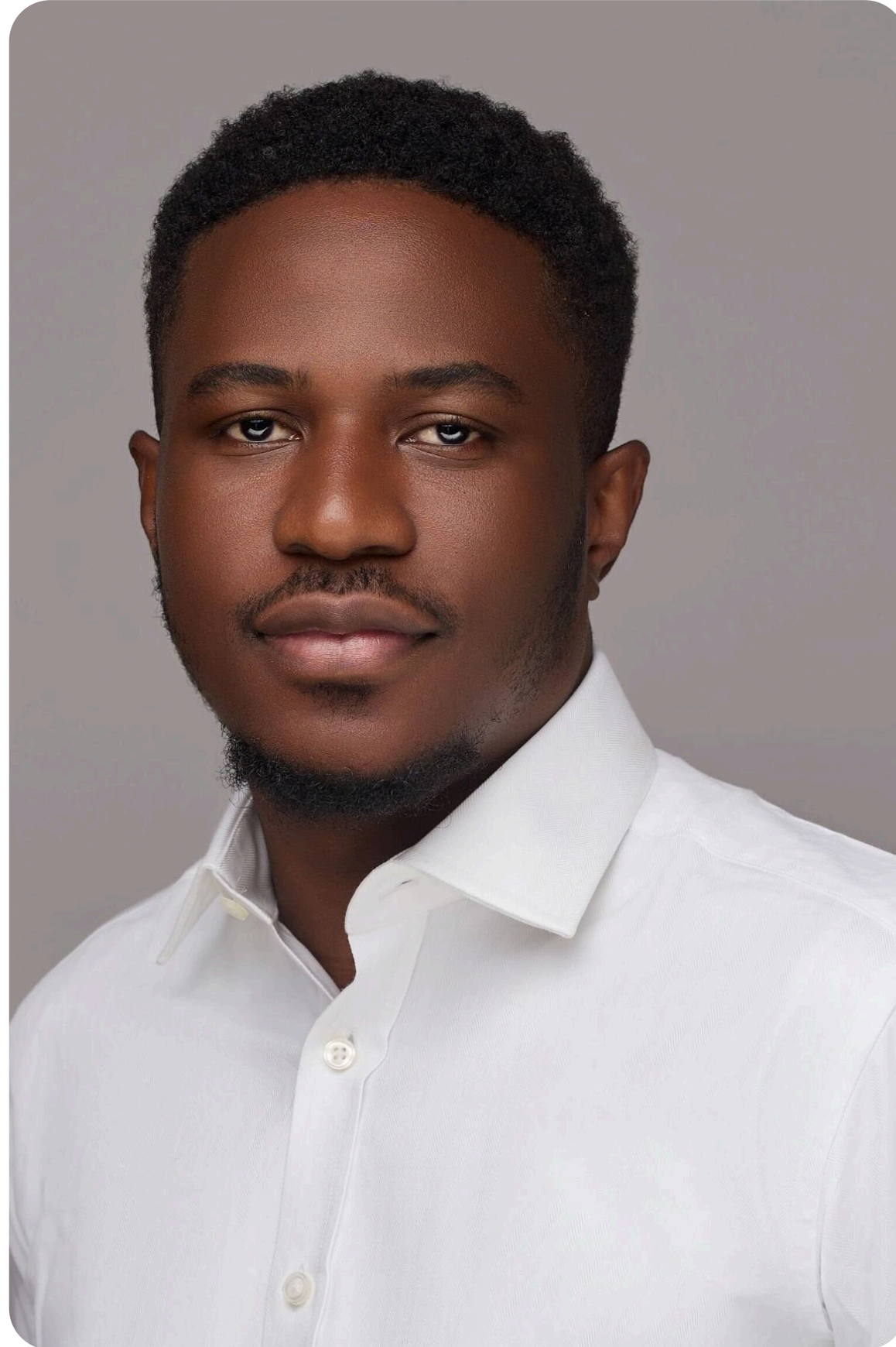
### Module Lead



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Digital assets are redefining how financial systems operate, and it's essential that both regulators and industry leaders develop a shared, practical understanding of this evolving landscape. This programme is designed to provide that clarity through meaningful dialogue, technical depth, and global best practices adapted to African realities. We're proud to collaborate with Cambridge, The Nigerian SEC, and the Kenya School of Government to help foster the kind of leadership this moment demands.

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**Olaoluwa Samuel-Biyi,**  
**Co-founder, Busha**

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05.

# Programme Logistics

Tuition

USD 1,500

Start Date

September 30, 2025

Delivery

Hybrid  
(Online + Optional  
Physical Events)

Website

[www.daiirc.com](http://www.daiirc.com)

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## How to Apply

[Link to Application Form](#)

Applications Close On The  
**15th Of September, 2025**

Corporate/Group Registration  
Options Available

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As Kenya and the wider continent embrace the opportunities of the digital era, building the leadership and technical capacity to govern this transformation is paramount. At the Kenya School of Government, we believe that public sector excellence is the cornerstone of effective policy and sustainable development. Our collaboration with the University of Cambridge and Busha to deliver this executive programme reflects our dedication to preparing policymakers, regulators, and institutional leaders to navigate the evolving digital assets landscape with clarity, foresight, and integrity. We are committed to shaping a public service that not only adapts to change but leads it—ensuring that innovation serves the prosperity and inclusion of all our people.

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**Prof. Nura Mohamed, Ph.D., EBS**  
**Director-General, Kenya School of Government**



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07.

Meet your Mentors

Participants will be guided by accomplished leaders across academia, financial services, compliance, innovation, and Web3. These mentors bring real-world insight and are committed to supporting each cohort with perspective, feedback, and career-shaping conversations throughout the programme.

Abubakar Suleiman  
CEO, Sterling Bank

Ade Bajomo  
President, FinTech Association of Nigeria

Arnoud D’Yve De Bavay  
Head of Africa Strategy, Tether

Adeoye Ojo  
Co-Founder, Busha

Ali Hussein Kassim  
Chairman, Association of Fintechs in Kenya, & The Fintech Alliance

Bilal Bin Saqib  
CEO, Pakistan Crypto Council;  
Minister of State on Crypto & Blockchain

Efe Shaire  
CEO, AVA Capital Group

Dr. Emomotimi Agama  
Director-General, Securities & Exchange Commission of Nigeria

Ernest Mbenkum  
Founder & CEO, Interstellar Inc. (and Bantu Blockchain Foundation)

James Hillary  
Regulatory Sandbox, Capital Markets Authority of Kenya

Deji Owonibi  
COO & Co-Founder, Convexity

Mary Mulili  
CEO, UBA Bank Kenya

Pascal Maguire  
Sales Director for Africa at Fireblocks

Philip Adiamah  
Regional Manager, Africa at Chainalysis

Richard Aseme  
Head of Africa Investments, Digital Currency Group

Satoshi Shinada  
Partner/Co-Founder, Verod-Kepple Africa Ventures

Serena Sebastiani  
Virtual Assets Financial Services Consulting Lead, PwC Middle East

Shogo Ishida  
Co-CEO, EMURGO Middle East & Africa

Tomiwa Lasebikan  
Principal Product Manager, Circle

Yele Badamosi  
Founder, Onboard

Prof. Olayinka David-West  
Dean, Lagos Business School, LBS

Prof. Nura Mohamed, Ph.D., EBS  
Director-General, Kenya School of Government

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At Cambridge, we believe that meaningful education happens when academic insight meets real-world relevance. This programme brings together global research, policy frameworks, and market practice to support regulators and industry leaders navigating the complex world of digital assets. We are especially proud to be working with the SEC, KSG and Busha to contextualise this learning for the African financial ecosystem, and to contribute to the development of informed, capable leadership across the continent.

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**Dr. Dee Allen,  
Programme Director**



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# Program Partners



**Cambridge Enterprise**, a division of the University of Cambridge, supports innovators in turning research and expertise into real-world impact. Through guidance on consultancy, licensing, venture creation and seed funding, it helps bring academic ideas to life for the benefit of society and the economy.



**The Nigerian Capital Market Institute (NCMI)** is the training and research arm of the Securities & Exchange Commission (SEC) Nigeria. It plays a key role in building capacity across the capital market through specialised programmes, certifications, and workshops. NCMI works with local and international partners to equip regulators, professionals, and institutions with the knowledge and skills to navigate evolving financial markets and drive regulatory excellence.



**The Kenya School of Government (KSG)** is the premier training and capacity-building institution for Kenya’s public sector, established to strengthen leadership, governance, and policy execution across national and county levels. It delivers specialised programmes, executive courses, and applied research that enhance the capabilities of public officials and institutions. KSG partners with local and international organisations to equip leaders and policymakers with the skills and insights needed to address complex governance challenges, foster ethical leadership, and drive sustainable national development.



**Busha** is Nigeria’s leading SEC-licensed digital asset exchange, providing a secure platform for individuals and businesses to trade and manage digital assets. With nearly 1 million users, Busha is at the forefront of Africa’s digital finance evolution —offering deep liquidity, regulatory compliance, and innovative solutions in stablecoins, tokenization, investments and payments.





# [www.daiirc.com](http://www.daiirc.com)