

Our Vision Has Become Reality

Over 1000 trained in modelling, Academic Champions active,
Curricula embedded, Research in motion



This approach is proven and has momentum. Empowered universities in the Global South are going from strength to strength – and moving at pace. With funding this can be scaled up, easily and quickly.

SUPPORTED UNIVERSITIES IMPACTING GOVERNMENT POLICY

The four case studies below are just some of the examples we have of partner universities with CCG-trained professionals influencing government policy in their country. These are all examples of the Institutional Track we shared elsewhere (right)



1 National University of Laos (NUOL)

The speed at which the Lao PDR CCG team within NUOL have moved since 2021 is impressive and their achievements even more so.

Their project on cooling - "Market Assessment for Standards and Labelling on Air Conditioning in Lao PDR" – was the first locally conducted research to have a policy impact.

CCG received a letter of acknowledgement from the Government of Laos recognising the policy impact of the research paper saying:

"This research is not merely an academic exercise, it is a foundational and indispensable tool for practical policy making."

They went on to commission energy modelling training from Energy Lab Asia, to build local capacity among their own students, staff at Electricite du Laos and the Ministry of Industry and Commerce.

In February 2026, the CCG-sponsored Clean Energy and

Green Growth Lab was launched by the National University of Laos, to support Government policy development through research.

In July 2026 the CEGGL was appointed as a lead author of the Government of Laos' National EV Roadmap. The lab itself is mentioned in the Roadmap as an assigned hub for establishing a testing lab as part of the Roadmap's implementation. Later that month, the Lab published its first peer-reviewed research paper in Science Direct.

"Electrification for remote communities in Lao PDR: Techno-economic evaluation and policy analysis."

The project was entirely ideated and led by Lao researchers, supported by CCG's Country Partnerships team. Authors come from academia and the Government of Laos, exemplifying collaboration across the Science-Policy interface.



3 Repeated Institutional Activity at KNUST, Ghana.

At the Kwame Nkrumah University of Science and Technology (KNUST), CCG capability is deeply embedded within the Brew-Hammond Energy Centre. Ghana's engagement with CCG transcends singular training events, demonstrating what permanent institutional activity looks like. The Ghana network hosts repeated, locally driven initiatives, with thematic



groups actively exploring hydrogen systems, sustainable transport, inclusive net zero, and transition financing. By embedding CCG's open-source frameworks into an existing, prestigious African university centre, KNUST seamlessly links graduate research, student training, and stakeholder engagement to the most pressing questions of Ghana's national energy transition.



INSTITUTION TRACK



2 Strathmore University, Kenya – From FlatPack Pioneer and Policy Advisor to Knowledge Hub

CCG's FlatPack is a set of ready-made modules which support the teaching of energy modelling skills to Master's students. It aims to provide LMIC academics with the resources needed to grow student fee income, connect research to real-world policy, and create a pipeline of skilled modellers for the country.

FlatPack has empowered institutions like Strathmore Energy Research Centre to

play a bigger role in shaping national energy plans and unlocking investment.

Strathmore's MSc SET is the first multi-disciplinary programme in the Global South energy sector that seeks to equip students with the technical skills needed by national Government policy makers. These include energy systems design, entrepreneurship and innovation, policy development, ethics and so on.

Having deepened its expertise, Strathmore now acts as an independent regional hub.

MSc Sustainable Energy Transitions	CCG Tool
MSSET8102: Sustainable Energy Systems and Society	Climate, Land-use, Energy and Water systems (CLEWs)
MSSET8104: Energy Policy, Laws and Regulation	Modelling, Policy and Political Economy and Electricity Transition Playbook
MSSET8203: Energy Project Development Finance and Management	FinPlan (Financial Analysis of Power Sector Projects)
MSSET8204: Energy Systems Analysis and Decision-making	OSeMOSYS & FlexTool (Energy and Flexibility Modelling)
MSSET8301: Innovation and Entrepreneurship	OnStove (Geospatial Clean Cooking analysis model) and Energy Access Explorer

Africans supporting Africans

Strathmore has begun cascading its knowledge to other Kenyan universities like Taita Taveta. It has supported Taita Taveta to adopt the FlatPack and the CLEWs model, with which it is teaching and conducting research.

This demonstrates the CCG multiplier in full effect, starting with model training and culminating in influencing government planning.

In less than three years, FlatPack has gone from launch to Strathmore delivering quality graduates that work with national and county governments as experts, and with the private sector as consultants contributing to policy development initiatives, integrated energy planning and infrastructure investment financing initiatives.

The Kenya CCG Network that unites Government, Industry and Strathmore University has been able to provide technical assistance in development of several national policies including Energy and Petroleum, E-mobility, E-cooking, and the Least Cost Power Development Plan.

4 From online learner to Research Fellow and Policy Advisor to Ugandan Government

Benard Musekese Wabukala PhD: Lecturer at Makerere University Business School for 23 years, Postdoctoral Fellow Norwegian University of Life Sciences for 2 years, Research Fellow AISESA for 8 months Benard attended the very first CCG EMP online during COVID

in 2021. He persuaded his faculty to embed OSeMOSYS into the University curriculum: *"I had seen what OSeMOSYS could do. I wasn't very confident then, but I was buzzing with the excitement of what I'd gone through, so I said that I would teach it and I started in 2022. Our students got free access to all the resources because the OpTIMUS community made it open access."*



"I have used OSeMOSYS for policy engagement. I used the results we obtained from the training where we had simulated how Uganda's energy mix could contribute to the green growth strategy and presented them to the Ministry. Some of the findings were chosen to become part of the Strategy. I am part of the local team that is undertaking assessments to inform the update of Uganda's Nationally Determined Contributions (NDC) and we are using CLEWs!"

The Funding Proposition: Invest once in a university hub like the ones here. Build institutional capability that trains, researches, and influences policy long after the initial programme ends. By funding CCG's next phase, you transition from temporary projects to permanent capability infrastructure in the Global South. Localised university hubs create a self-replicating ecosystem—training talent, driving research, and shaping policy long after initial programmes end.