

**Prof. John Ouma Mugabe**  
**Engagement in Science, Technology and Innovation Policy Studies and Processes**

Prof John Ouma Mugabe is actively involved in various international, continental and countries' research projects and processes in the field of science, technology and innovation (STI) policy. At the international level, he is the Principal Investigator of the Sub-Saharan Africa case study for the Steering STI for the global Sustainable Development Goals (SDGs) project funded by the UK Research and Innovation and the United Nations Development Programme. He co-authored several chapters in the project's report titled 'Changing Directions: Steering Science, Technology and Innovation Towards the SDGs'

Prof. Mugabe is a member of the UNESCO High-Level Panel of Experts on Ethics of Artificial Intelligence (AI) that is advising UNESCO on an international regulatory framework for implementing the UNESCO Recommendation on Ethics of AI adopted by member states.

In Africa, he is leading a regional study on 'Foresight in Science, Technology and Innovation in Sub-Saharan Africa' for the Science Granting Councils Initiative (SGCI). See report and policy brief recently produced for the SGCI. Prof. Mugabe is also involved in advising South Africa, Seychelles and Zambia on technology assessment (TA) for STI policy as part of experts committee established by the United Nations Conference on Trade and Development (UNCTAD) and South Africa's Department for Science and Innovation (DSI). He serves on the advisory group on 'industrialization through innovation' of the National Advisory Council on Innovation (NACI) of South Africa

He is currently advising Botswana, Mozambique, Namibia and Seychelles in the review and revision of their national STI policy frameworks. His current research work focuses on: (a) public sector innovation in Africa (b) assessing policy instruments for health innovation in Africa (c) policy instruments for sustainability-oriented innovation in Africa's natural resources sectors, emphasis mining and fisheries; and (d) political economy of science, technology and innovation policy-making in Africa.