Countries around the world have set ambitious green hydrogen targets, not only for its domestic production but also its import. Given their significant renewable energy potential, a range of African countries are well-positioned to play a leading role in this emerging international market. Yet, uncertainties remain manifold, ranging from the development of transport infrastructure to an evolving regulatory and standardization landscape, to questions of domestic value creation and technology development. This event will explore the prospects for cooperation between Europe and Africa in this context. How can an international hydrogen economy support European and African ambitions within a future ‘net zero’ economy? What is needed to develop sustainable partnerships in the context of an emerging hydrogen economy? How can climate justice, Just Transition, and sustainability concerns be considered?

Agenda

15:00 Setting the scene: Green Hydrogen, climate justice, and COP28
   Angela Oels, University of Augsburg/Deutsches Klima Konsortium

15:05 Green Hydrogen in Europe and Africa – A Cornerstone for a Joint Greenhouse Gas Neutral Future
   Heidi Heinrichs, Forschungszentrum Jülich

15:10 Socioeconomic challenges and potential for H2. A perspective from West Africa
   Moumini Savadogo, AKADEMIYA2063

15:15 Hydrogen production, transportation, and end-use
   Chinnan Maclean Dikwal, Africa Energy Council

15:20 Hydrogen in an integrated energy transition: learnings from the UK
   Kirils Holstovs, AECOM / Net Zero North East England / Newcastle University

15:25 Enabling sustainable, green hydrogen in African countries
   Amos Wemanya, PowerSHift Africa

15:30 Geopolitical challenges in EU and Africa
   Rainer Quitzow, Research Institute for Sustainability – Helmholtz Centre Potsdam

15:45 Moderated discussion
   Charlotte Unger, Research Institute for Sustainability – Helmholtz Centre Potsdam

16:10 Questions and discussion with the audience
With the participation of:

Dr. Chinnan Dikwa is the Vice Chair of the Board of Directors of Africa Energy Council and works on hydrogen production, transportation, end-use, and renewable energy development and integration.

Dr. Moumini Savadogo is the Managing Director of AKADEMIYA2063 and Chair of the West African steering committee on the Green Hydrogen Atlas under the Go Green Go Africa initiative.

Dr. Heidi Heinichs heads the “Energy Potentials and Supply Pathways” group at the Forschungszentrum Jülich. Her main research interests are green and sustainable hydrogen for the world and material bottlenecks of the energy transition.

Dr. Charlotte Unger is Senior Research Associate at the Research Institute for Sustainability Helmholtz Centre Potsdam and works on global climate policy and governance.

Kirils Holstovs is an Engineer at AECOM and a member of the Hydrogen Working Group working to advance the hydrogen economy in the North East of England.

Prof. Dr. Rainer Quitzow leads the group Geopolitics of Transitions in Energy and Industry at the Research Institute for Sustainability Helmholtz Centre Potsdam and is professor of Sustainability and Innovation at the Technische Universität Berlin.

Prof. Dr. Angela Oels is professor of political science and climate politics at the Centre for Climate Resilience, University of Augsburg and Deputy Chairwoman of the German Climate Consortium (DKK).

Amos Wemanya leads the Just Energy Transition aspects of Power Shift Africa’s research, advocacy, communications and focuses on renewable energy and climate justice in Africa.