

Grant Agreement number: 101101469

Project acronym: JUST-GREEN AFRICA

Project title: Promoting a JUST transition to GREEN hydrogen in AFRICA

Type of action: Deployment of systemic solutions with the support of local clusters and the development of regional community-based innovation schemes



MID-TERM PROJECT STAKEHOLDERS EVENT

Kenya is currently one of AU frontrunner in terms of renewable energy production (thanks to relevant geothermal sources and on-going new investments on PV and wind). Thanks to its port infrastructure and its strategic position, it can become one of the most relevant African Hydrogen Hub also being a relevant export hub for both other African countries and Europe. Europe and Africa indeed have to jointly promote a hydrogen transition to boost sustainable economic development and a decarbonization of their economic sector. Kenyan and African green hydrogen transition could boost local economies development, that's why it's important that both EU and AU hydrogen policies and development roadmaps (as well as Kenyan ones) have to be conceived in a cross-fertilizing way. In this workshop key hydrogen actors from Kenya, Africa and Europe will dialogue to understand space of collaboration and development for mutual benefit for promotion of a green hydrogen based economy.

Nairobi, Wednesday 14th February 2024 8.30 – 18.00

Venue

For PHYSICAL ATTENDANCE

Microsoft Auditorium.

St. Thomas More Building at Strathmore University

MRQ7+Q8C, Keri Rd, Nairobi, Kenya

For VIRTUAL ATTENDANCE

The possibility to attend in a virtual way will be given to attendees

Time	Activity	Presenter
8.30 – 9.00	Registration and networking	
9.00 – 9.10	Welcome and Opening the event <i>Greetings from JUST GREEN AFRH2ICA coordinator and from Hosting Partner</i>	Prof. Izael Da Silva (STRATH) Stefano Barberis (UNIGE)
9.10 – 9.25	Keynote introductory speech: Kenya as frontrunner of African clean energy and hydrogen transition	Eng. Edna Mutevu - Ministry of Energy of Kenya
PANEL 1: Collaboration between Europe and Africa for Green Hydrogen promotion: where to act first? MODERATOR: Laurent Bochereau - Delegation of the European Union to the African Union		
9.25 – 9.40	JUST GREEN AFRH2ICA PROJECT <i>Introducing the project and Year 1 results</i>	Stefano Barberis – UNIGE-
9.40 – 9.55	Introduction to the Clean Hydrogen Joint Undertaking and its potential for international collaboration	Mirela Atanasiu - Clean Hydrogen Partnership
9.55 – 10.15	African hydrogen transition: where to act first? Who to engage first?	Joyce Kabuy - Green Hydrogen Organization Jabri Ibrahim – High Level Champions
10.15 – 10.30	Europe and Africa collaboration: state of the art of most relevant collaborations towards green hydrogen collaboration setup	Kamugisha Kazaura - Director of Infrastructure and Energy at the African Union Commission (TBC)
10.30 – 10.45	Europe and Africa collaboration: clean energy, circular economy, R&D and know-how exchange among stakeholders and universities. Not only green hydrogen towards a global sustainability	Philippe Schild – DG RTD Senior Expert – European Commission (virtual speech)
10.45 - 11.00	Q&A and Round Table	Laurent Bochereau
11.00 - 11.30	Networking Coffee Break	
PANEL 2: KENYA: Frontrunner in Green Hydrogen – Why here? Why Today? Institutional greetings and presentation of Kenya Hydrogen Roadmap MODERATOR: Prof. Izael Da Silva – STRATH		
11.30 – 11.45	Keynote Speech from the Principal Secretary of Energy	Hon. Alex Wachira Principal Secretary State Department of Energy – Ministry of Energy and Petroleum (TBC)
11.45 – 12.00	Keynote Speech from the Head of EU Delegation in Nairobi	Irene Giribaldi - Head of Cooperation for EU Delegation in Nairobi
12.00 – 12.20	Which renewable to promote in Kenya for a green hydrogen transition?	Ent. Isaac Kiva – Renewable Energy Secretary – Ministry of Energy
12.20 – 12.40	Kenya Green Hydrogen Policies: where are we?	Eng. Nickson Bukachi - Energy & Petroleum Regulatory Authority
12.40 – 13.00	Geothermal Atlas Project and Naivasha Project	Sandra Banda - Strathmore University
13.00 – 13.15	Q&A and Round Table	Prof. Izael Da Silva - Strathmore University
13.15 – 14.15	Networking Lunch	
PANEL 3: From planning to action - Green Hydrogen projects in Europe, Kenya and Africa MODERATOR: Bamidele Adebisi - AHP		
14.15 – 14.30	Green Hydrogen Production and Hydrogen Valleys projects: some source of inspiration from CHP projects funded in Europe	Nikolaos Lymperopoulos - Clean Hydrogen Partnership
14.30 – 14.45	Renewables and hydrogen: the perfect match in Kenya	David Muthike - KenGEN

14.45 – 15.00	The role of Natural Hydrogen in African hydrogen transition strategy	Dr Yinka Ajiboye (ABUAD University)
15.00 – 15.15	Q&A and Round Table about common challenges	Bamidele Adebisi (AHP)
PANEL 4: Modelling the Green Hydrogen Transition MODERATOR: Christian Berretta (STRATH)		
15.15 – 15.30	Modelling Global Hydrogen Potential – H2GLOBAL Experience	Susana Moreira or Julian Reul (H2GLOBAL)
15.30 – 16.00	Modelling Hydrogen feasibility in Africa	Amin Lahnaoui (JULICH)
16.00 – 16.20	H2ATLAS and Hydrogen potential assessment in Africa – The relevance of Water Modelling	Harrie-Jan Hendricks Franssen (JULICH)
16.20 – 16.40	Towards a real sustainable green hydrogen transition: where to act mostly (water, raw materials, green energy...)	Javier Dufour (IME)
16.40 – 17.00	Q&A and Round Table about common challenges	Cristian Berretta (STRATH)
17.00 – 17.15	Closing keynote remarks: How to enable a market development for Green Hydrogen	Hanna Salian, Program Director – Energy, Climate and Transport (GIZ)
17.15 – 17.30	Wrap up of the event and introduction to Training Event	Stefano Barberis (UNIGE)