

AEEP Energy Talks

Green Hydrogen for Industrial Transformation: Exploring Opportunities for Sustainable Industrial Value Chains and Decarbonisation

7 May 2025, 13:00 – 14:30 (CEST); 14:00 – 15:30 (EAT)

The 19th AEEP Energy Talks on 7 May 2025 will explore the potential of Green Hydrogen and its derivatives to support green industrialisation and deep decarbonisation of energy intensive industries. As the world strives towards achieving the Paris Agreement and net-zero emissions targets by 2050, new solutions are required to accelerate GHG mitigation efforts in “hard to decarbonize sectors” for instance transport (aviation, shipping) and heavy manufacturing industries (steel, chemicals) which cannot readily be electrified. Green hydrogen provides major opportunities and solutions in the form of e-fuels, energy carriers and feedstock to support green industrialisation.

The development of green hydrogen industries and markets is gathering pace at the global level. The markets for green hydrogen are projected to grow from US\$6 billion in 2023 to over US\$90 billion in 2033. Accelerating further growth and markets expansion will require key interventions in various areas that will boost production and applications of green hydrogen, especially at the industrial level. Technology transfer and international cooperation, increased financing and investments, capacity building and skills development, as well as innovations and adaptation of technologies to local needs will be crucial to creating sustainable green hydrogen industries and markets.

For Africa, the adoption of green hydrogen also provides opportunities to enhance access to modern energy services to achieve its goals for economic transformation, social development, increased export revenues and regional integration. The availability of natural resources, especially solar and wind energy potentials in Africa already positions the continent as a future leader in green hydrogen production. However, it will be important to develop and implement the necessary frameworks to ensure that Africa benefits from the production and trade of green hydrogen and maximizes its benefits to promote its energy, infrastructure, and industrial development agenda.

The African Union Commission developed the continental strategy and action plan on green hydrogen to accelerate its adoption and applications in Africa while also ensuring economic and social benefits are maximised along the green hydrogen value chains. Currently, six African countries (Egypt, Kenya, Mauritania, Morocco, Namibia, and South Africa) already have national strategies and projects on green hydrogen development aiming to create local value chains that support economic opportunities, decarbonisation and producing green hydrogen for exports. A further 18 countries in Africa are also in the process of developing their national green hydrogen strategies.

The 19th AEEP Energy Talks on Green Hydrogen for Industrial Transformation will seek to provide valuable insights on how to maximise the benefits from green hydrogen to drive industrialisation and the decarbonisation agenda. Invited experts and panellists will also explore the challenges and provide strategic recommendations and share best practices on developing sustainable green hydrogen markets and industries and how to foster cooperation among a wide range of stakeholders in the green hydrogen value chain.

The AEEP is supported by its Steering Group:



AGENDA

13:00 – 13:05	Welcome and introduction	Towela Nyirenda-Jere Head of Secretariat Africa-EU Energy Partnership (AEEP)
13:05 – 13:15	Opening remarks	<ul style="list-style-type: none"> • Kamugisha Kazaura, Director Infrastructure and Energy, African Union Commission (TBC) • Gianluca Azzoni, Head of Policy & Cooperation, EU Delegation to the African Union (TBC)
13:15 – 13:30	Presentation <i>Localising Green Industrialisation</i>	Valentina Kiefer , Project Manager Green Hydrogen Business Alliance
13:30 – 14:25	Panel discussion <i>Green Hydrogen as A Lever for Industrialisation: Financing and Industrial Opportunities</i> Moderator: Farhanja Wahabzada Team Lead, Green Hydrogen Business Alliance	<ul style="list-style-type: none"> • Nikol Anuschka Hearn, Head of Financial Transactions, Namibia Green Hydrogen Programme • Babette Stein von Kamienski, Head of Division Infrastructure Southern Africa, KfW (TBC) • Shawn Modise, Acting Chief Executive Officer, Northern Cape Economic Development Trade and Investment Promotion Agency • Tanya Gumbo, Business Developer, HDF Energy
14:25 – 14:30	Closing remarks	Towela Nyirenda-Jere Head of Secretariat Africa-EU Energy Partnership (AEEP)

About the AEEP Energy Talks

The [Africa-EU Energy Partnership](#) (AEEP) Energy Talks is a bimonthly webinar series that fosters dynamic dialogue between key energy stakeholders from Africa and Europe. Since its launch in November 2020, the webinars have delved into transformative energy topics at the intersection of the two continents, promoting knowledge sharing and idea exchange among experts and participants.

Previous AEEP Energy Talks have covered topics such as: [From ACS to COP28: Unlocking Opportunities for a Synergetic Africa-EU Climate and Energy Future](#), [Sunlight Success: Pursuing African Development Priorities Through a Solar Economy](#), [Utilising Renewable Hydrogen for Decarbonising Value Chains and Promoting Development in Africa and the EU](#), [Investing in Clean Cooking for Health, Equality, and Climate in Africa](#), [Achieving SDG7 in Africa – The 2022 AEEP Report: European Financial Flows on SDG7 to Africa](#), and [The Role of Energy Tendering Systems](#). The outcomes of the AEEP Energy Talks contribute to the AEEP’s knowledge products, including [Spotlights](#) or policy briefs, and promote the ongoing discourse on sustainable energy development in Africa and Europe.