

Side Event of the 27th Conference of the Parties (COP27) of the United Nations Framework Convention on Climate Change (UNFCCC) at Sharm El Sheikh in Egypt

Side event on Green Hydrogen Energy Development (November 11th, Japan Pavilion)

Green Hydrogen can help developing countries and emerging economies such as Egypt, which has great potential to be a Hydrogen Hub in the Middle East, thereby enhancing Egypt's national energy security, and addressing climate mitigation objectives.

To provide a platform for policy dialogue and knowledge sharing between Japan and Egypt on this area, JICA Egypt office organized this side event, which included distinguished speakers from Egypt and Japan.

Dr. Ahmed Mohina from the Ministry of Electricity and Renewable Energy in Egypt highlighted the Egyptian government's recent developments related to green hydrogen energy and explained how that Egypt has considerable potential to be one of the main players in hydrogen energy production and possesses the required building blocks for such production.

From Japan, Ms. KUDO Rie gave a brief explanation on Kitakyushu City's Efforts to Realize a hydrogen-based Society. Ms. KUDO highlighted the lessons learnt from the different projects and activities such as supplying hydrogen to the urban area via a pipeline with the cooperation of gas companies and a demonstration of multi-purpose and multiple units' operation of pure hydrogen fuel cells. Ms. KUDO emphasized the importance of the government's strong commitment to promote a hydrogen-based society through their policy so that they can build the concrete platform to get multiple stakeholders involved in hydrogen supply-chain development.

To highlight the role of the private sector, which is a key player in green hydrogen energy development. Mr. SAITO Hidenori, the Chairman of the Japan Business Association in Egypt, shared the perspectives of the Japanese private sector in the activities related to local production and local consumption of hydrogen in Japan and other countries in addition to highlighting the incentives that can encourage more private sector participation from Japan in Egypt particularly in the field of hydrogen supply-chain development within Egypt.

Not forgetting the role of academia and research, Prof. Mona Ibrahim from the Egypt-Japan University of Science and Technology (E-JUST) highlighted the role

of higher education institutes such as E-JUST in raising awareness and building knowledge of hydrogen energy and actions to tackle climate change.

Finally, Mr. KATO Ken, Chief Representative of JICA Egypt and Yemen offices, who moderated the whole side event, explained the importance of working together and sharing the knowledge and experience of Japan with several stakeholders and counterparts in Egypt and other countries through JICA knowledge co-creation programs in order to realize competent and experienced human resources who are able to drive forward the required energy transition.



Speakers of the Green Hydrogen Side Event with JICA VP Ms. Megumi Muto and the on-line speaker from Kitakyushu City



Mr. KATO Ken, Chief Representative of JICA Egypt and Yemen Offices



Audience for the Green Hydrogen Side Event