

Call to the 1st International Research Conference on Hydrogen-Based Energy Systems

ICHES-2022: 14-15 October 2022

Theme: Green Hydrogen for Greener Economy

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National Hydrogen Council
Ministry of Mines and Energy
Ministry of Higher Education, Training and Innovation
Ministry of National Planning and Economic Development
National Training Authority

Abstracts and full papers are invited for the **International Conference on Hydrogen –Based Energy Systems (ICHES-2022)**.

The Namibia Green Hydrogen Research Institute is organising an **International Research Conference on Hydrogen-Based Energy Systems (ICHES-2022)** on 13th to 14th October 2022. The conference is planned to take place in Windhoek, Namibia, - Windhoek Country Club.

The aim of this conference is to present the latest research and findings of scientists, researchers and practitioners on the topics of hydrogen energy for greener economy. Specific Conference objectives include following:

- a. Creation of awareness, sharing and gaining the latest knowledge and development trends on Green Hydrogen Value Chains,
- b. Showcasing the latest technologies, that incorporate Hydrogen as the main energy carrier.

The objectives will be achieved through Presentations on:

(i)	advanced HYDROGEN BASED ENERGY SYSTEMS (latest developments and trends)
(ii)	Hydrogen Production, Storage, Handling and Safety
(iii)	Practical demonstrations of latest technologies on Hydrogen based energy systems, and products

OUR MAIN GOAL IS ENERGY FOR ALL – to improve energy access through the sustainable and environmentally friendly incorporation of hydrogen as an energy carrier in all sectors of the world's economy.

Important dates for abstracts

Item	Deadline
Submission of one page abstract	24 September 2022
Confirmation of acceptance of abstract	30 September 2022
Conference registration	10 October 2022
Submission of full papers	16 December 2022
Publication of refereed proceedings	15 March 2023

Format for the abstract

The abstract should include the title, list of authors, affiliations with addresses, the text, keywords and email for the presenter (and corresponding author if different) in that order. The name of the presenter should be underlined. The format for the abstract must be a Times New Roman Word document as follows: Title of the paper: font size 12 in bold; and the rest in font size 11, double spaced with a 2.5 cm margin on either side.

Important topics for the conference

- Energy Access and Development of Human Communities
- Impact of Energy Access on Health, Education, and Societal Wellbeing
- Impact of Energy Extraction, Transport, and Use on the Environment
- Energy Use Worldwide, in Africa, SADC, Namibia
- Hydrogen as fuel
- Hydrogen Production, Storage and Transportation
- Hydrogen Safety and Handling
- Green Hydrogen Legislation (Standards; regulation; incentives)
- Hydrogen Utilization (Industrial, domestic, mobility, agriculture)
- Impacts of Widespread Green Hydrogen Use (Environmental; Economic; Social)
- Capacity Building for a Green Hydrogen Economy

The Conference Venue

The conference will be held at the Windhoek Country Club, in the City of Windhoek, Namibia

City of Windhoek



The breathtaking views and peaceful settings of the City of Windhoek are conducive to the appreciable harmony, creativity and motivation of participants at seminars and conferences

Participation

Local and international University graduates, academic staff, private industries, Government officials, school teachers, and anyone who has interest in Green Hydrogen Value Chain(s) can attend this conference.

In order to register for participation, please provide us with your name, institution, fax, and email address.

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