Invitation & program

Namibian PtX conference

Potentials of integrating carbon for green fuel production in Namibia – synthesizing hydrogen and carbon

Thursday, 26th of March 2026, 9:00 h

UNAM Main Library, *Windhoek*

University of Namibia, Private Bag 13301, Building 26

Namibia has large natural resources. Among these, biomass is of particular interest especially as 'green' biogenic carbon. The encroacher bush, that has a large distribution and poses e.g. a threat to Namibia's biodiversity, can provide this interesting potential. This biomass resource is also going to be used for energetic utilization in the new Otjikoto Biomass Power Station (OBPS).

Similarly, Namibia is developing its green hydrogen economy. The Daures Green Hydrogen Village (DGHV) is one of the promising pilot projects, aiming to produce green hydrogen and ammonia for fertilizer production and export.

How can green hydrogen and biogenic carbon be combined to produce green fuels in Namibia? What are the technical potentials? What are the associated environmental, social and economic implications?

This conference will present findings and perspective from scientific research, keynotes and panel discussions with experts in the field.

Please sign up via: ptx-conference@ier.uni-stuttgart.de (full name & affiliation)

Organized by

UNAM UNIVERSITY OF NAMIBIA

NGHRI Namibia Green Hydrogen Research Institute

University of Stuttgart
IER Institute of Energy Economics and Rational Energy Use

In cooperation with

giz

N-BiG Namibia-Biomass industry Group

DAURES GREEN HYDROGEN CONSORTIUM

DAURES GREEN HYDROGEN VILLAGE

With funding from the:

Federal Ministry of Research, Technology and Space

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AGENDA | 26th of March 2026

9:00 – 09:30	Arrival, registration and coffee
9:30 – 9:45	Welcome & introduction *Prof. Kenneth Matengu – Vice Chancellor UNAM* *Zivayi Chiguvare (UNAM/NGHRI) – Ludger Eltrop (IER)*
9:45 – 10:15	Key note: Biomass Production and Utilization in Namibia Daniel Shagama *N-BIG Operations Manager*
10:15 – 10:45	Key note: Prospects of the Daures Green Hydrogen Village Project *Jerome Namaseb (DAURES GHV)*
10:45 – 11:15	Coffee Break & Networking
11:15 – 12:15	Perspectives of Green Hydrogen Production and Clean Carbon Derivatives
11:15 – 11:35	Role of fuels in the energy system of Namibia *Laina Shipingana (IER)*
11:35 – 11:55	Downstream Markets for SAF produced in Namibia and Certification *Tobias Schliess (IER)*
11:55 – 12:15	Environmental and infrastructural assessment for C-based fuel production *Cristian Rojas (IER/OvGU)*
12:15 – 13:30	Networking Lunch
13:30 – 14:00	Key note: Development of a sustainable carbon carrier for PtX use *Colin Lindeque (CarbonCapital)*
14:00 – 14:30	Key note: Concepts and results from the HySecunda project SA *Jochen Bard / Marie Plaisir (Fraunhofer IEE)*
14:30 – 15:00	Coffee break
15:00 – 15:20	Integrated Renewable Energy Systems in Namibia: Leveraging Green Hydrogen, Biomass Pellets, and Organic Waste for Sustainable Energy Transition. *Natangue Shafudah (UNAM)*
15:20 – 15:40	Global decarbonisation & hydrogen subsidies: Impacts on the Namibian economy *J. Siegle*
15:40 – 16:30	Panel Discussion round: Prospects of Hydrogen Derivatives for Namibia – Moderator: Ludger Eltrop (IER) *Zivayi Chiguvare (NGHRI / UNAM)* *Simon Inauen (GIZ)* *Jerome Namaseb (Daures Green Hydrogen Village)* Daniel Shagama *(N-BIG)*
16:30	Concluding remarks and farewell coffee *Joseph Ndinoshiho (UNAM)* *Ludger Eltrop (IER) and Zivayi Chiguvare (UNAM)*

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