



UNCTAD TECHNOLOGY ASSESSMENT PROJECT
ON ENERGY AND AGRICULTURE

**DSI-UNCTAD National Validation Workshop on
Technology Assessment of Green Hydrogen
Electrolysis Technologies**

Agenda

25-27 June 2024

Venue: Protea Hotel Fire & Ice! by Marriott, Pretoria Menlyn

Address: Summit Place Precinct, 221 Garsfontein Rd, De Beers, Pretoria, 0181

Introduction

The Technology Assessment (TA) pilot project in South Africa on green hydrogen electrolyser technologies, is approaching its conclusion. The South Africa team has successfully navigated through all the steps outlined in the United Nations Conference on Trade and Development (UNCTAD) TA Methodology, resulting in the completion of a comprehensive TA Report. This report, which analyses the role of green hydrogen electrolyser technologies within the country's national development, as well as its challenges and opportunities, is accompanied by a draft Action Plan aimed at facilitating widespread adoption and diffusion of the TA.

A crucial step in finalizing this endeavour is to validate the findings and recommendations of the TA Report, along with the proposed Action Plan. Recognising the significance of stakeholder input in this validation process, the Department of Science and Innovation (DSI), in collaboration with UNCTAD are organising a validation workshop from 25 to 27 June 2024, in Pretoria South Africa. This workshop is designed to provide stakeholders with a platform to offer feedback on the project outputs before they are finalised and launched.

Validation of the TA Report on Green Hydrogen Electrolysis Technologies and Action Plan

Tuesday, 25 June 2024

Moderator: Dr Dumisani Mthembu, Acting Director: Multilateral Cooperation, DSI

	08:30 – 09:00	Registration and coffee
Opening	09:00 – 09:10	Opening address Ms Mmampei Chaba, Chief Director: Multilateral Cooperation and Africa, DSI and Chair of the TA Steering Committee
	09:10 – 09:15	Introductory remarks by UNCTAD Ms Liping Zhang, Chief, Section of Science, Technology and Innovation for Development, UNCTAD
	09:15 – 09:30	Group photo
Introduction and TA Presentations	09:30 – 09:50	Presentation on state-of-the-art of green hydrogen Dr Andreas Stamm, Consultant, German Development Institute
	09:50 – 10:00	Factors for a successful TA Dr. Miltos Ladikas, Consultant, Institute for Technology Assessment and Systems Analysis (ITAS)
	10:00 – 10:45	Presentation of draft TA Report on Green Hydrogen Electrolysis Technologies in South Africa Prof John Ouma Mugabe, Consultant
	10:45 – 11:00	Coffee break
Validation Session	11:00 – 13:00	Stakeholder feedback on draft TA Report on Green Hydrogen Electrolysis Technologies in South Africa Open discussion Facilitated by Ms Mmampei Chaba, Chief Director: Multilateral Cooperation and Africa, DSI and Chair of the TA Steering Committee, and Ms Liping Zhang, UNCTAD
	13:00 – 14:00	Lunch break
Action Plan Presentation	14:00 – 14:30	Presentation of draft Action Plan for Green Hydrogen Electrolysis Technologies in South Africa Mr Selby Modiba, Deputy Director: Multilateral Cooperation, Department of Science and Technology
Validation Session	14:30 – 16:00	Stakeholder feedback on draft Action Plan for Green Hydrogen Electrolysis Technologies in South Africa Open discussion
	16:00 – 16:15	Coffee break
Closing	16:15 – 16:20	Closing remarks by UNCTAD Ms Liping Zhang, Chief, Section of Science, Technology and Innovation for Development, UNCTAD
	16:20 – 16:30	Closing remarks by the host country Dr Dumisani Mthembu, Acting Director: Multilateral Cooperation, DSI

Review and update of the TA Report and Action Plan

Wednesday, 26 June 2024

	09:00 –	Revisions to TA report by UNCTAD project team and South Africa (The meeting schedule, and coffee and lunch schedule, to be flexible according to progress in making revisions. Tentative lunch break at 12:30)
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Note: The revised report will be circulated at the end of the day on 26th June to be endorsed by the multistakeholder meeting on 27th June.

Endorsement of the final TA Report with Action Plan

Thursday, 27 June 2024

MoC: Dr Dumisani Mthembu, Acting Director: Multilateral Cooperation, DSI

	09:30 – 10:00	Registration and coffee
Opening	10:00 – 10:10	Opening remarks Mr Nelson Muffuh, UN Resident Coordinator (TBC)
	10:10 – 10:20	Opening remarks by UNCTAD Ms Liping Zhang, Chief, Section of Science, Technology and Innovation for Development, UNCTAD
Presentation and Endorsement	10:20 – 11:00	Presentation of final TA Report and Action Plan Ms Mmampei Chaba and Mr Selby Modiba, DSI
	11:00 – 12:00	Open discussion
	12:00 – 12:15	Endorsement of final TA report and Closing remarks Ms Mmampei Chaba, Chief Director: Multilateral Cooperation and Africa, DSI and Chair of the TA Steering Committee
	12:30 – 14:00	Lunch