



UNCTAD TECHNOLOGY ASSESSMENT PROJECT  
ON ENERGY AND AGRICULTURE

**TECHNOLOGY ASSESSMENT IN AFRICA:  
LAUNCH OF THE PILOT TECHNOLOGY ASSESSMENT REPORT ON  
ELECTROLYSERS FOR GREEN HYDROGEN PRODUCTION IN SOUTH  
AFRICA**

**Agenda**

3 December 2024 Time: 14:00 – 17:00

Venue: Amethyst Room(lower level), CSIR International Convention Centre, Pretoria

**Introduction**

The Technology Assessment (TA) pilot project in South Africa on green hydrogen electrolyser technologies, has concluded. The process included navigating 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.

To formally close the project, there is a need to officially launch the report with stakeholders especially with a view to implement the proposed Action Plan. Recognizing the significance of stakeholders in the TA process, the Department of Science, Technology and Innovation (DSTI), in collaboration with UNCTAD, is organizing the launch of the TA report on December 3, 2024, in Pretoria, South Africa. The event is to take place on the margins of the 2024 Science Forum South Africa.

## Launch of the Pilot Technology Assessment (TA) Report on Electrolysers for Green Hydrogen Production in South Africa

Tuesday, 3 December 2024, 14:00-17:00

Amethyst Room(lower level), CSIR International Convention Centre, South Africa

**Moderator:** Ms Mmampei Chaba, Chief Director, Multilateral Cooperation and Africa, DSTI

13:00 – 14:00	<b>Registration (Coffee and refreshments)</b>
14:00 – 14:10	<b>Opening address</b> Ms Mmampei Chaba, Chief Director, Multilateral Cooperation and Africa, DSTI
14:10 – 14:20	<b>Introduction of the project by UNCTAD</b> Mr Michael Lim, Economic Affairs Officer, UNCTAD
14:20 – 14:40	<b>Presentation on the state-of-the-art of green hydrogen</b> Dr Andreas Stamm, German Development Institute
14:40 – 15:00	<b>Factors for a successful TA</b> Dr Miltos Ladikas, Consultant, Institute for Technology Assessment and Systems Analysis (ITAS)
15:00 – 15:20	<b>Technology Assessment in Africa</b> Prof John Ouma Mugabe, University of Pretoria
15:20 – 15:30	<b>Coffee break</b>
15:30 – 16:00	<b>Policy recommendations and Action plan from the TA process in South Africa</b> Mr Selby Modiba, Deputy Director: Multilateral Cooperation, DSTI
16:00 – 16:30	<b>Q and A</b>
16:30 – 16:45	<b>LAUNCH OF THE DSTI PILOT TECHNOLOGY ASSESSMENT REPORT ON ELECTROLYSERS FOR GREEN HYDROGEN PRODUCTION IN SOUTH AFRICA</b> Mr Daan du Toit, Deputy Director-General, DSTI
16:45 – 17:00	<b>Closing remarks by</b> Mr Angel Gonzalez Sanz, Head, Technology, Innovation and Knowledge Development Branch, UNCTAD  <b>Closing remarks by</b> Ms Mmampei Chaba, Chief Director, Multilateral Cooperation and Africa, DSTI