Action Plan

of Cooperation in the field of Renewable Energy

2024 - 2025

between

The Ministry of Energy Transition and Sustainable Development
of the Kingdom of Morocco

and

The Ministry of Economic Affairs and Climate Policy
of the Netherlands

Political Background

In 2023 the Ministry of Energy Transition and Sustainable Development of the Kingdom of Morocco and the Ministry of Economic Affairs and Climate Policy of the Netherlands (hereafter referred to as "the Participants") started a Structured Dialogue on cooperation in the field of renewable energy by signing a Joint Memorandum of Understanding, which laid the foundation to enhance the bilateral cooperation, sharing of knowledge, and the promotion of public and private initiatives in the field of renewable energy in general.

Convinced that cooperation between the Participants in the field of renewable energy is of mutual benefit and will further promote the strong political, trade, and investment ties between both countries, and considering the desire expressed by the Participants to promote the implementation of this cooperation, and in order to strengthen cooperation as well as economic, scientific and technological exchanges, it is decided to develop and implement an action plan on cooperation in the field of renewable energy, and green hydrogen, for the period 2024-2025.

Aim of the Action Plan

The Action Plan aims at identifying strategic topics to develop cooperation in renewable energy and green hydrogen and to define priority actions for the next two years. It focuses on reinforcing collaboration at the government level, exchanging knowledge on strategies and regulations and on fostering collaborations among companies to develop joint projects that bring froward the energy transition, as well as the international hydrogen supply chain, through a structured and collaborative approach.

This action plan is established as part of the implementation of the MoU signed between the Participants on June 21st, 2023.

Lines of Work and Key Areas of Cooperation

Both Participants reaffirm their willingness to cooperate in the field of energy transition, renewable energies deployment, green hydrogen applications, port infrastructure and green shipping corridors, for which purpose they intend to implement the following specific lines of work, under which specific activities are stated.

1. **Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy and green hydrogen and its derivatives,**
2. **Strengthen scientific and academic exchange in the energy transition and green hydrogen,**
3. **Stimulate commercial activities and trade agreements between Morocco and the Netherlands,**
4. **Enhance trilateral cooperation in the field of renewable energy and green hydrogen and its derivatives.**

Activities and timetable

Here below are the activities envisioned for the Action Plan for Strategic Cooperation in the field of renewable energy in the period 2024-2025. This is a "living" Action Plan that can be subject to modifications. Upon mutual decision, participants may add or modify the agenda of activities, depending on the fulfillment of the activities already programmed, and others that may arise in the future.

The action plan includes topics identified between the Participants in the MoU and the measures taken to achieve them, with a focus on the topic of hydrogen and power-to-X. Collaboration on other topics within the field of renewable energy can be added in a later stage.

Activity	Objectives of the MoU	Area of cooperation	Date
Organize incoming mission from NL Ministry of Economic Affairs and Climate Policy to MOR, along with a trade delegation, to develop technical cooperation with a focus on hydrogen infrastructure	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Stimulate commercial activities between Morocco and the Netherlands	Q2,2024
Organize coordination meetings with German stakeholders, to enhance trilateral cooperation and collaborate in activities related to renewable energy in general, and green hydrogen in particular	Collaborate with participants from third countries that have similar interest in contributing to the development of supply chains between Morocco and Europe	Enhance trilateral cooperation in the field of green hydrogen and its derivatives	Q3, 2024
Organize an ESY-MAP workshop in collaboration with "the Netherlands Commission for Environmental Assessment" and MTEDD (ESY-MAP is a diagnostic tool used to assess and analyze the national environmental and social impact assessment (EIES) system.)	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	Q3, 2024
Conduct independent reviews from " the Netherlands Commission for Environmental Assessment " experts, upon request from Moroccan actors in coordination with MTEDD (e.g.: review of the terms of reference for Environmental and Social Impact Assessment (ESIA) for a green hydrogen project)	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	Q4, 2024
Facilitate delegation visits for MOR actors and organizations involved in the fields of renewable energy, clean fuels and feedstock to the NL	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Stimulate commercial activities between Morocco and the Netherlands	Q4,2024
Organize workshops at universities offering masters and doctorate thesis programs related to renewable energy, to give the young professionals the opportunity to connect with experts, exchange ideas, and gain a deeper understanding of the latest developments and challenges within the renewable energy sector	Promote research, capacity building, innovation and academic exchange and ways to train professionals in the academic and non-academic-sectors	Strengthen scientific and academic exchange in the energy transition in general and green hydrogen in particular	Q4, 2024
Facilitate delegation visits of NL organizations involved in the fields of renewable energy, clean fuels and feedstock to MOR, e.g.: ANP, GEP, IRESEN, OCP, etc.	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Reinforce commercial activities between Morocco and the Netherlands	Q1, 2025
Communicate about events organized in MOR related to renewable energy and green hydrogen that are relevant for NL	Facilitate supply-demand matchmaking covering investment and trade between producers and	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the	2024 - 2025

organizations. (e.g. Conference on E-fuels in Rabat)	off takers of renewable energy and clean fuels and feedstock	field of renewable energy in general and green hydrogen and its derivatives in particular	
Organize matchmaking events related to green hydrogen trade between investors and suppliers from Morocco and off takers from the Netherlands and Germany	Developing trade agreements that benefit businesses in both countries.	Reinforce commercial activities and trade agreements between Morocco and the Netherlands	Q1, 2025
Organize workshops and roundtables during the Orange Week 2024, to highlight Moroccan and Dutch solutions presented by various organizations. This serves as an opportunity for these organizations to exchange insights and discuss the latest developments in topics related to renewable energy, and explore their integration in the water sector	Promote new renewable energy sources, in particular offshore wind, and new uses of renewable energy sources, such as seawater desalination	Strengthen scientific and academic exchange in the energy transition in general and green hydrogen in particular	Q1, 2025
Facilitate the participation of Moroccan actors in the World Hydrogen Summit in Rotterdam	Support joint actions for existing and future international initiatives and alliances related to renewable energy and clean fuels and feedstock	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	Q2, 2025
Organize a water-energy-food nexus workshop day in MOR, in close collaboration with LNV, and external international organizations e.g.: FAO, AAA, etc.	Collaborate utilizing the existing multilateral networks within the energy international space	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	Q3, 2025
Support a Dutch/international expert to collaborate with the MTEDD in identifying potential projects of common interests including green hydrogen and desalinization, that can support the implementation of energy and climate policy, to be submitted for potential donors from and outside NL	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	TBD, 2025
Capacity building program for players in the renewable energies and energy efficiency sector, as well as for green hydrogen and biofuels.	Exchange information about the progress of the development of renewable energy, power and gas grids, carbon markets and clean fuels and feedstock	Promote knowledge and experiences exchange on each country's policy, regulatory aspects, and developments in the field of renewable energy in general and green hydrogen and its derivatives in particular	TBD,2025
Launch a study about seawater desalination, and organize a workshop/roundtable about the outputs of the study in collaboration with key government and public sector Moroccan partners	Promote new renewable energy sources, in particular offshore wind, and new uses of renewable energy sources, such as seawater desalination	Strengthen scientific and academic exchange in the energy transition in general and green hydrogen in particular	TBD, 2025

Implementation

The implementation of the Action Plan on cooperation in the field of renewable energy for 2024-2025 will be carried out in close collaboration between the national authorities. These authorities may convene the institutions or agencies, public or private, that they deem appropriate in order to carry out the assigned coordination function and/or count on their participation in the execution of the cooperation activities that are implemented within this framework.

This Action Plan does not create any rights or obligations under international law. The Participants further understand that the implementation of the activities foreseen in this Action plan are subject to the availability of their respective resources.

This action plan covers the implementation of the MoU until December 2025.

Signed in Rotterdam, The Netherlands on May 14th 2024, in duplicate in the English language, both versions having equal validity.

For the Ministry of Energy Transition and Sustainable Development of the Kingdom of Morocco,

Her Excellency Leila Benali, Minister of Energy Transition and Sustainable Development

For the Ministry of Economic Affairs and Climate Policy of the Netherlands,

His Excellency Rob Jetten, Minister for Climate and Energy Policy