



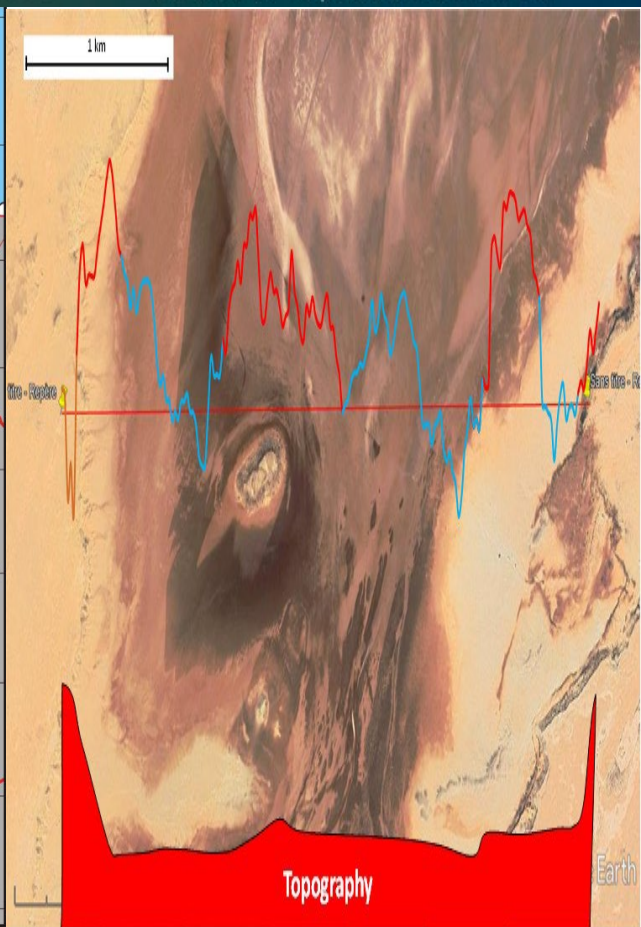
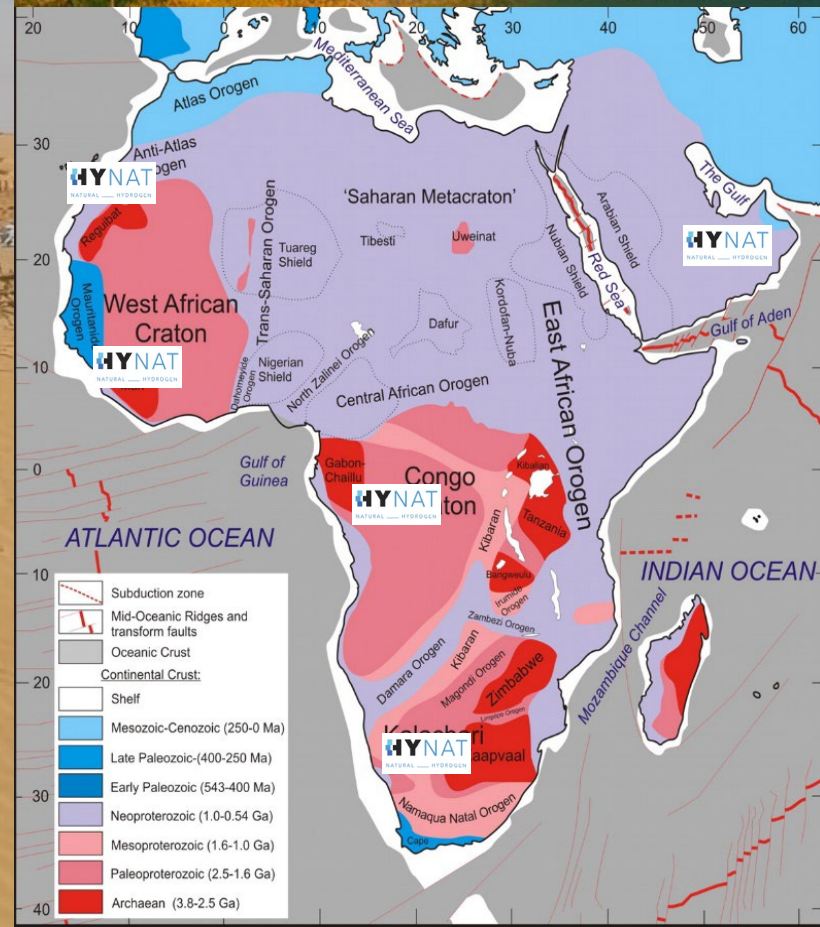
# NATURAL HYDROGEN EXPLORATION IN THE SOUTH OF MOROCCO

The World Power-to-X Summit  
**WorldPtX SUMMIT**  
 8-9 October 2024, Marrakesh  
**EXPANDING THE PTX HORIZON  
 POWERING A SUSTAINABLE TOMORROW**

www.worldptxsummit.com

تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس  
 UNDER THE HIGH PATRONAGE OF HIS MAJESTY KING MOHAMMAD VI

RESEN CLUSTER GREEN H2 UMER masen







# MOROCCAN CONTEXT

ONHYM puts natural hydrogen as a new lever at the heart of Morocco's the energy transition strategy and also to contribute to the energetic MIX.

In 2021, ONHYM and HYNAT signed exclusive contract in order to develop the natural H2 potential in the southern Provinces of Morocco



Areas where H2 presence in subsurface has been already proven (from Prinzhofer et Devilleand Moretti)



FIELD EXPLORATION	GEOPHYSICAL WORKS	FIRST DRILLING & TESTING	DRILLING CAMPAIGN & PRODUCTION
<ul style="list-style-type: none"> <li>✓ Discovery of active hydrogen systems. Geoscientific data processing; Field and laboratory work;</li> <li>✓ Selection of priority drilling areas</li> </ul>	<ul style="list-style-type: none"> <li>✓ Geophysics campaign</li> <li>✓ Monitoring</li> <li>✓ Drilling decision</li> </ul>	<ul style="list-style-type: none"> <li>✓ First drilling campaign</li> <li>✓ Testing &amp; monitoring</li> <li>✓ Start of industrial project</li> </ul>	<ul style="list-style-type: none"> <li>✓ OffTake contracts</li> <li>✓ Start of Production</li> </ul>



2021

2023

2024

2025

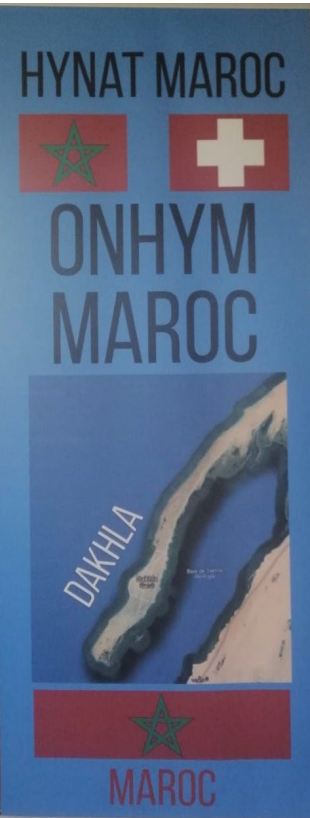






HYNAT Maroc SA  
a joint operating company with ONHYM  
in charge of exploiting natural hydrogen  
deposits in Morocco's southern provinces.

**THANK YOU  
FOR YOUR  
ATTENTION**



- Responding to the Royal Hydrogen Strategy.
- 93 wells by 2028.
- 100 to 2,000 meters deep.
- Productivity modeling exceeds expectations.
- Attractive and profitable volumes for fertilizer Offtakers.
- Upgrading of rare gases (He,...) and carbon credits.

# Natural Hydrogen in 2028

