

NATURAL HYDROGEN EXPLORATION IN THE SOUTH OF MOROCCO

Moroccan Sahara - Dakhla region - July 2023



المكتب الوطني للهيدروكاربورات والمعادن
ONHYM | HΦΣΛΟΓΚ.ΟΦΣ.Ο.Α ΣΧ.Σ.Χ
OFFICE NATIONAL DES HYDROCARBURES ET DES MINES

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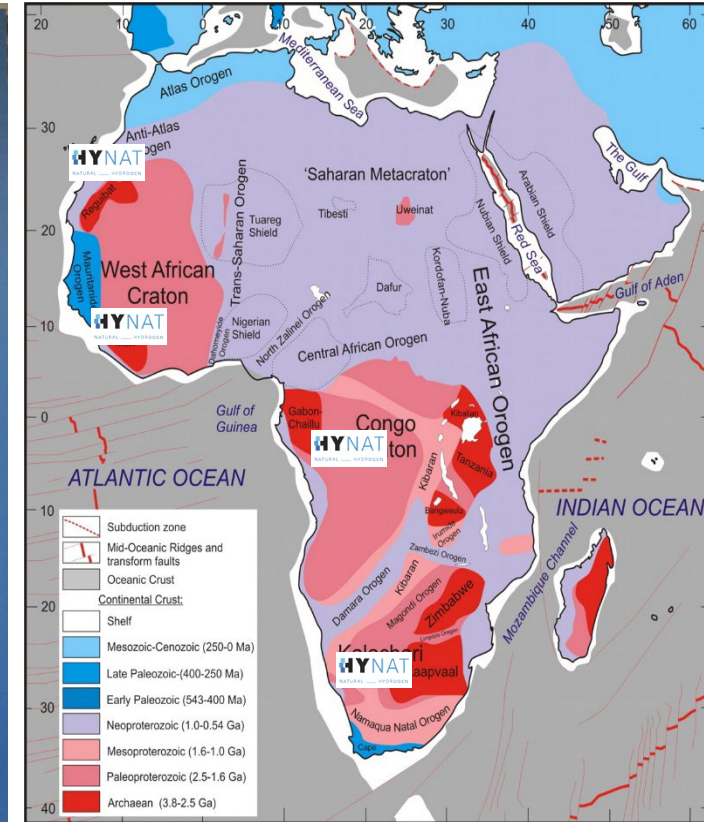
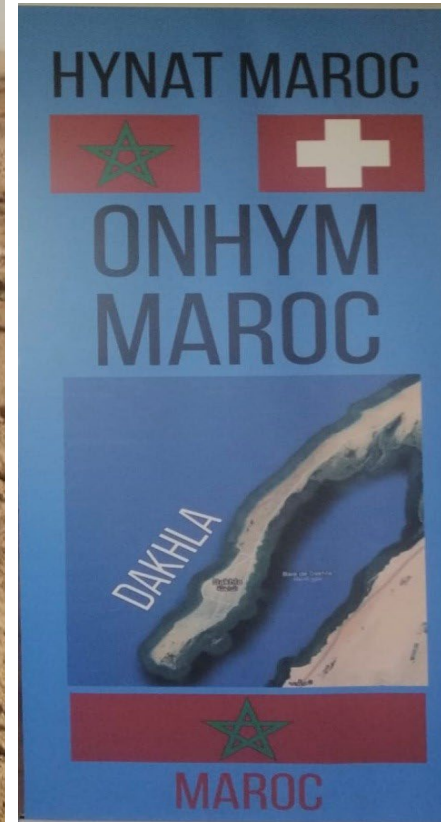
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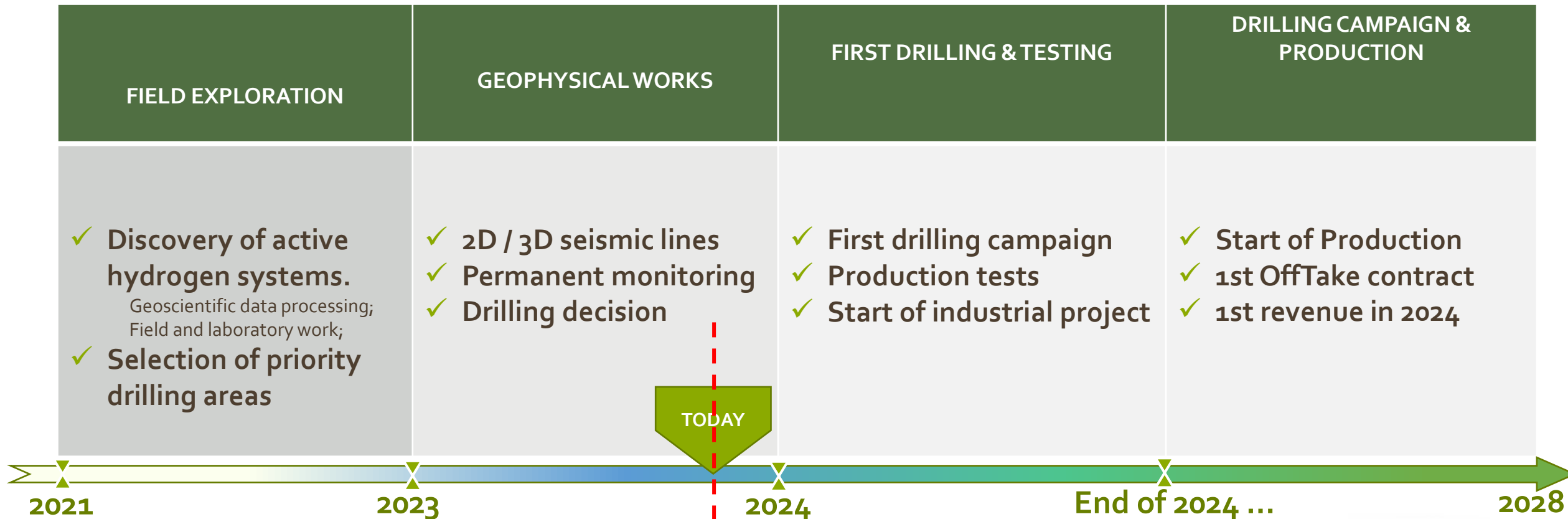
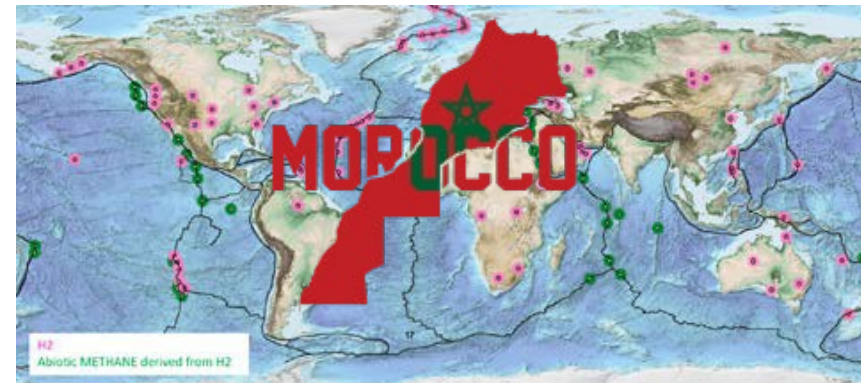


The World Power-to-X Summit
WorldPtX
SUMMIT

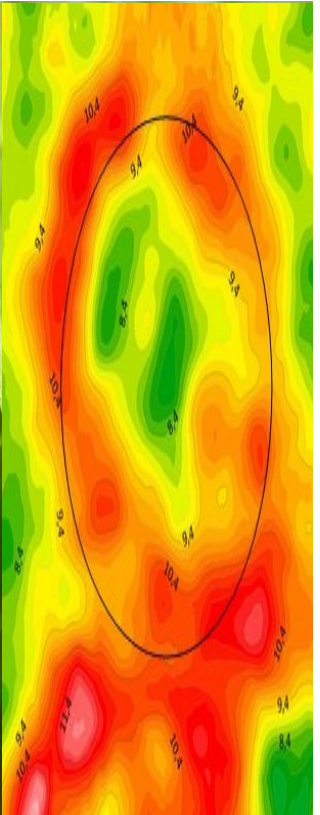
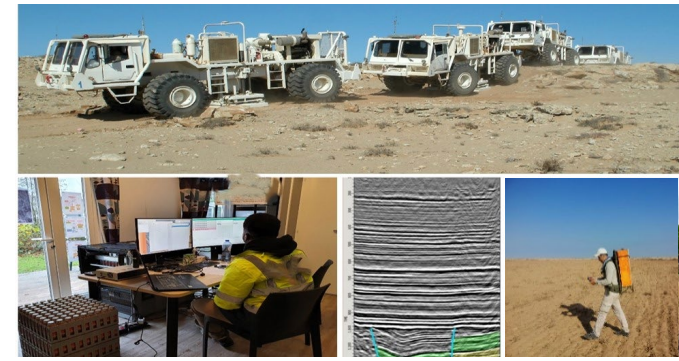
19-21 September 2023, Marrakesh - Guelmim



In 2021, ONHYM and HYNAT have signed an exclusive contract to develop the natural H₂ potential in Morocco's southern provinces.

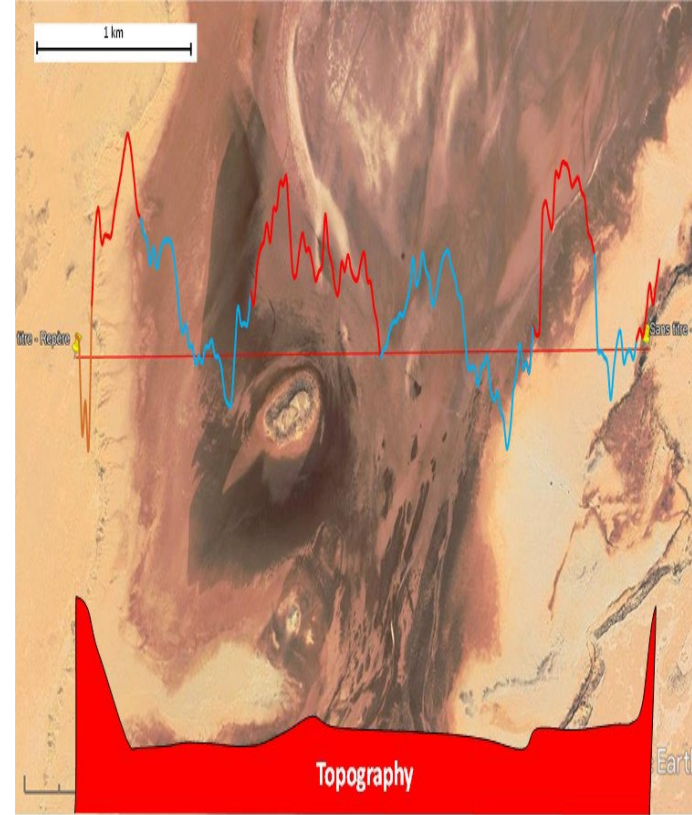


After 2 years of prospection and exploration, ONHYM-HYNAT confirm the discovery of active and productive natural hydrogen systems in the southern provinces of Morocco.



- High level of concentration.
- Gamma-ray spectrometry derisks exploration.
- Chemical and isotopic gas analyses confirm objectives.
- Seismic data show accumulations.
- 1st excellent models of productivity.
- A successful ONHYM-HYNAT partnership.
- MOU with a world leader in fertilizers.

Results today





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.
- 100 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

