

# NATURAL HYDROGEN EXPLORATION IN MOROCCO

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## National Office of Hydrocarbons and Mines

State organization with legal personality, financial autonomy and Governmental control

Established on 2005 by the merger of :

- BRPM (1928)
- & ONAREP (1981)

ONHYM is in charge of research and development of Mines and Hydrocarbons potential of Morocco

ONHYM lunched the renewable energy projects:

- 2012 – geothermal
- 2017 – Natural H2

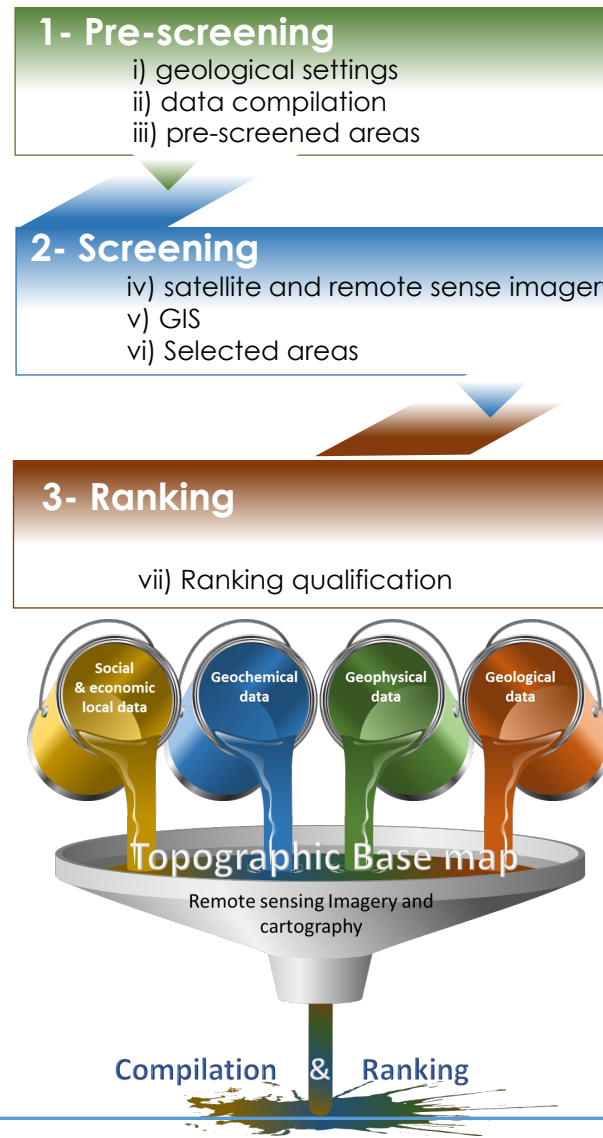
# Natural H<sub>2</sub> exploration in Morocco

**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 2017, ONHYM has carried out a preliminary assessment on Moroccan potentialities in natural Hydrogen.

This preliminary assessment showed that geologically, natural Hydrogen can exist in Morocco in several areas with high potential

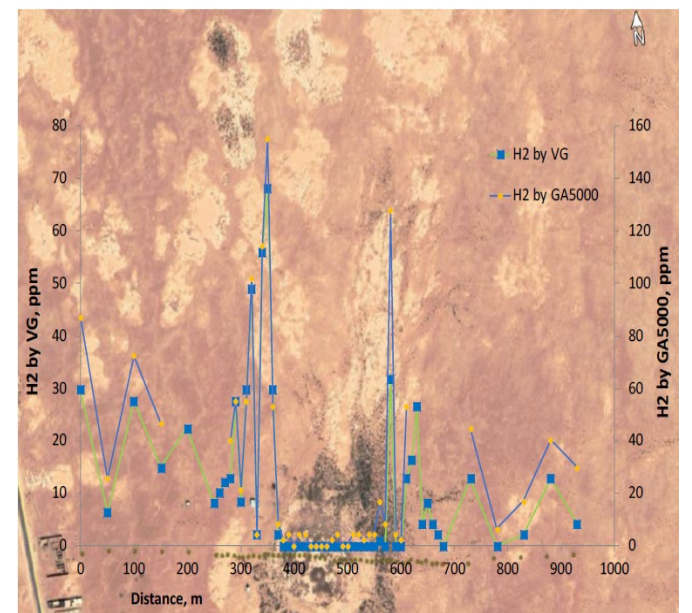
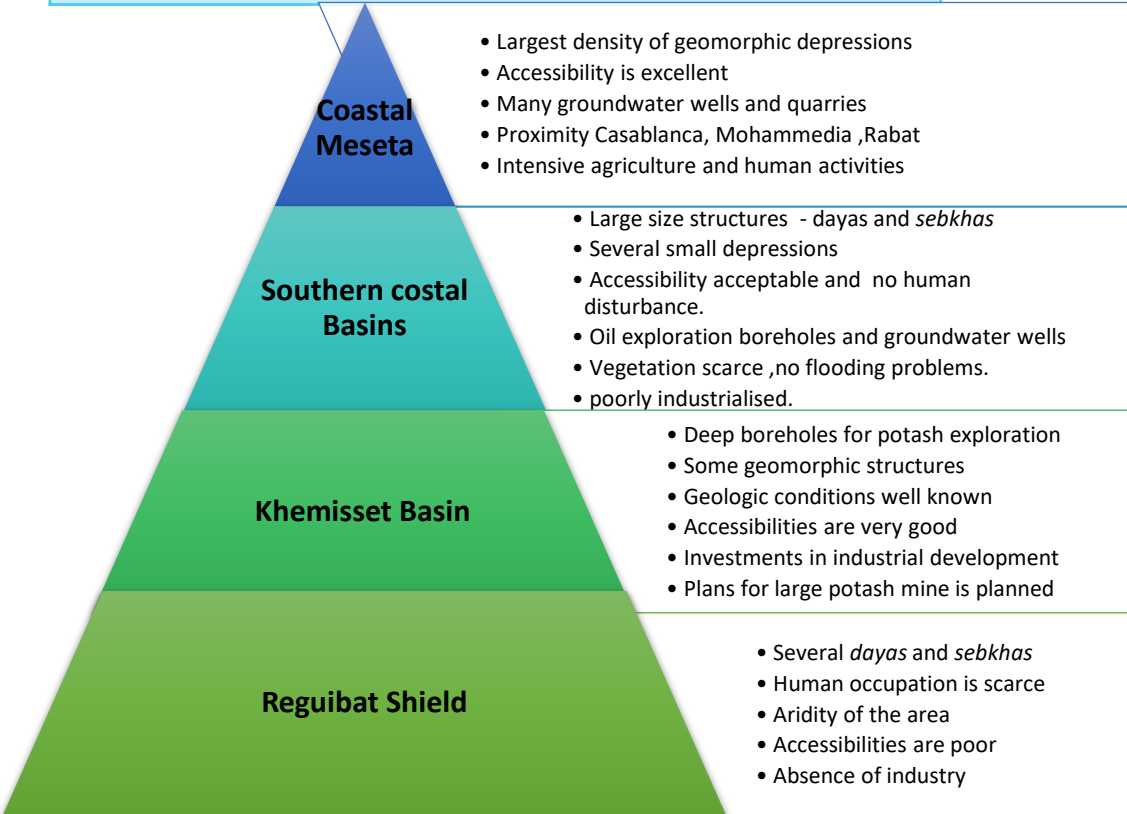
- In 2019, ONHYM has launched a international expertise in the research of natural hydrogen in Morocco





# Potential areas and targeting

Criteria
Density and size of geomorphic depressions
Land ownership
Anthropogenic activities
Accessibility
Land use
Access to data on local geology
Distance to industrialised areas





# ONHYM Partnerships

ONHYM continues to develop in partnership all targets highlighted :

In 2020, ONHYM and HYNAT signed Memorandum Of Understanding in order to develop the natural H<sub>2</sub> potential in the southern Provinces of Morocco.

This MOU consist of 3 phases:

- I. Field exploration (2021-2023)
- II. Geophysical works (in progress)
- III. Drilling and testing



**THANK YOU  
FOR YOUR  
ATTENTION**

