

# PREPARING WEST AFRICA FOR A HYDROGEN ECONOMY

HYDROGEN  
ECONOMY IN  
WEST AFRICA

(ABOUT  
CODAHEA)

- Founded July 2022
- Registered in Africa
- FOCUS: Prepare Africa to research, develop, produce, store, commercialize and manage hydrogen as a commodity



# HYDROGEN ECONOMY IN AFRICA (OUR PARTNERS)

# CURRENT OUTLOOK

The heavy energy industrial economies are decarbonizing

Policies already in place to phase out fossil fuels

High demand for green hydrogen from renewable power

Europe desperate to divest their energy risks away from Russia

~€800bn in grants and loans available for energy from EU

~€350mn GREEN H2 overseas funding grant from Germany

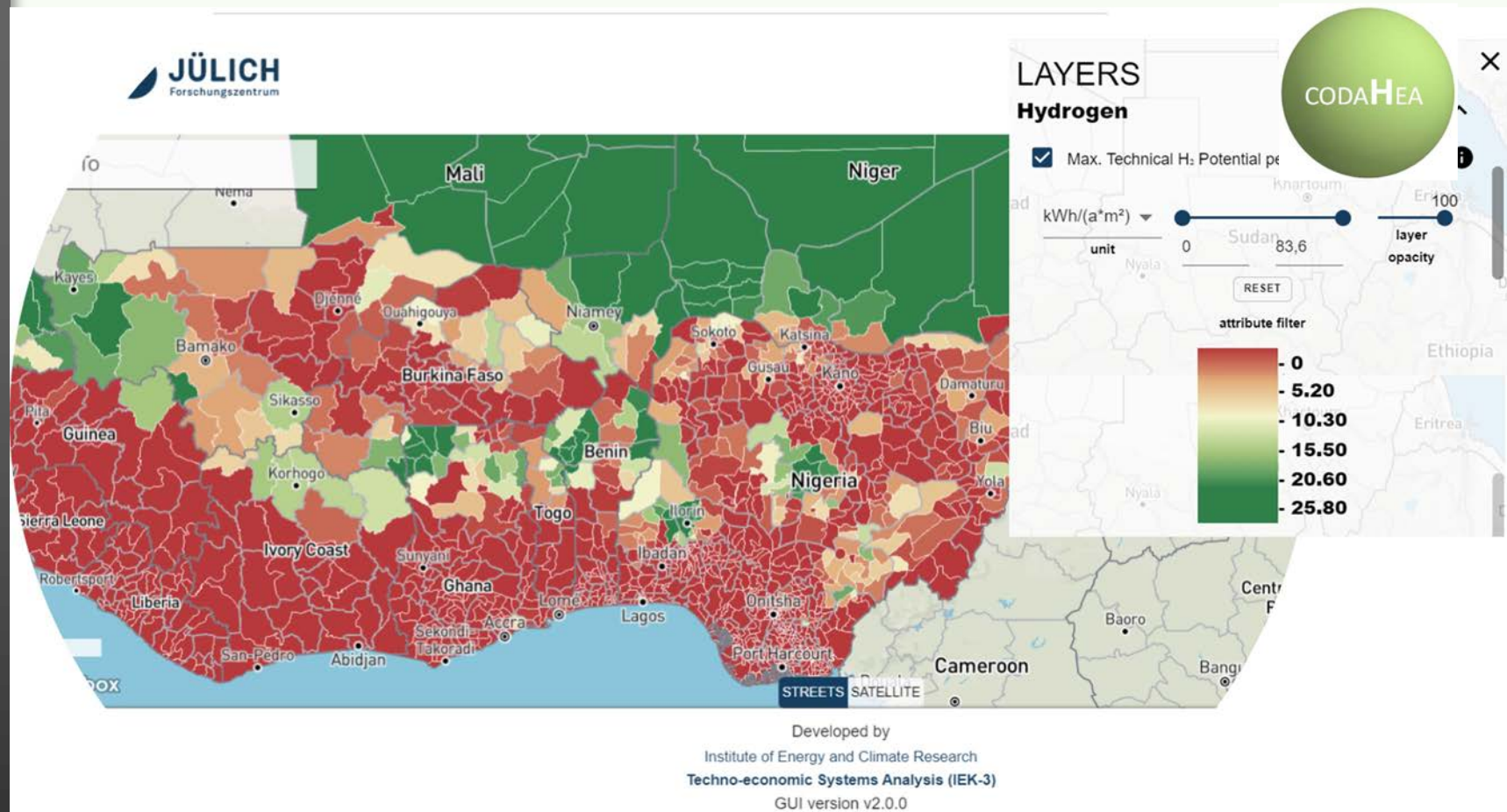
Africa can Produce and Sell Green Hydrogen to the Rest Of the World

Hydrogen Production in Africa Can Drive an Era of Fertilizer Utilization for Food Production on the Continent

Green hydrogen: the Ultimate energy goal for Germany

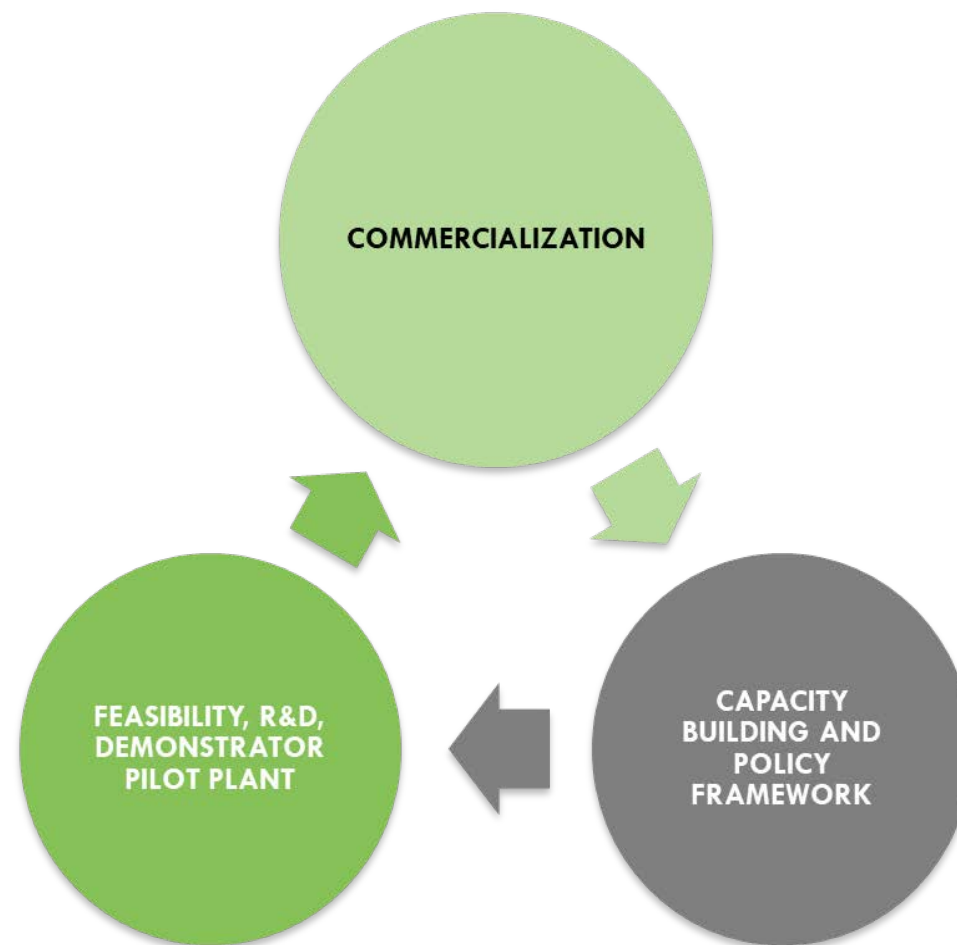
African nations need to set-up policy, capacity, and infrastructure for H2

# HYDROGEN ECONOMY IN WEST AFRICA (KEY FACTORS)



West-Africa Hydrogen Atlas shows green hydrogen production possible. Regions with the most H<sub>2</sub> generation potential are green colour coded. ECOWAS needs to tap into Green H<sub>2</sub> as a Key Energy-Mix Component.

HYDROGEN  
ECONOMY IN  
WEST AFRICA  
(OUR  
STRATEGY)



HYDROGEN  
ECONOMY IN  
WEST AFRICA  
(CO-  
OPERATION  
AREAS)

- Enlightenment On H<sub>2</sub> as an economic element within the global energy sector
- Source and produce H<sub>2</sub> as an energy carrier
- Develop open innovation and research areas
- Introduce H<sub>2</sub> as a study discipline in higher education curriculum

HYDROGEN  
ECONOMY IN  
AFRICA  
(CO-  
OPERATION  
AREAS)

- Build H<sub>2</sub> production pilot plants at energy centres
- Foster H<sub>2</sub>-based capacity building dialogues across public and private sectors
- Structure commercialization framework for production, utilization and sale of H<sub>2</sub> by Africa.



The logo for CODAHEA, consisting of the text "CODAHEA" in a white, sans-serif font, centered within a light green circular background. The background of the entire slide features a molecular structure with green spheres and rods, and a pattern of water droplets.

CODAHEA

Thank you

# CONTACT

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