ESMAP

Energy Sector Management Assistance Program

NEWSLETTER

NOVEMBER 2023

HIGHLIGHTS

ESMAP Present at the 28th Conference of the Parties (COP) to the UN Framework Convention on Climate Change (UNFCCC)

The ESMAP team has been hard at work planning, co-organizing, and preparing for its participation in numerous sessions during this year's COP#28.

» Browse the Program of Events

World Bank Proposes 10 GW Clean Hydrogen Initiative to Boost Adoption of Low-Carbon Energy

The World Bank and international partners are calling for the implementation of an action agenda to accelerate global deployment of clean hydrogen as a low-carbon energy carrier to combat climate change and strengthen energy access in developing countries. The plan includes the launch of a 10 GW capacity initiative – 10 times of today's global hydrogen production using renewable energy input – by developing priority projects across emerging markets and developing countries to demonstrate viability of the nascent clean hydrogen industry, reduce financing costs, and boost adoption rates by creating scalable solutions.

» Read the Press Release

World Bank Unveils Comprehensive Framework to Accelerate Solar-Plus-Storage Adoption in Developing Countries

The new comprehensive guidelines aim to accelerate the transition from traditional fossil fuel-based power generation to cleaner, more reliable, and affordable solar-plus-storage systems in emerging economies. Battery storage systems are critically important in conjunction with renewable energy generation as they guarantee continuous energy supply. Battery energy storage captures renewable energy when available and dispatches it when needed most.

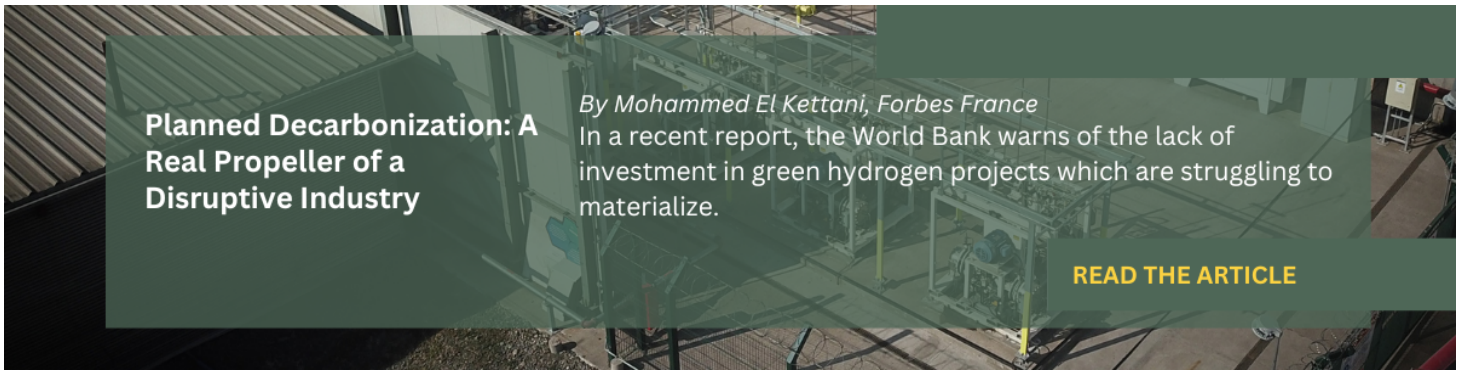
» Read the Press Release

Now in French: Mini Grids for Half a Billion People

The handbook is the World Bank's most comprehensive and authoritative publication on mini grids to date. Produced by the Energy Sector Management Assistance Program (ESMAP), the book, Mini Grids for Half a Billion people: Market Outlook and Handbook for Decision Makers is now available in French.

» Read the Press Release: French | English

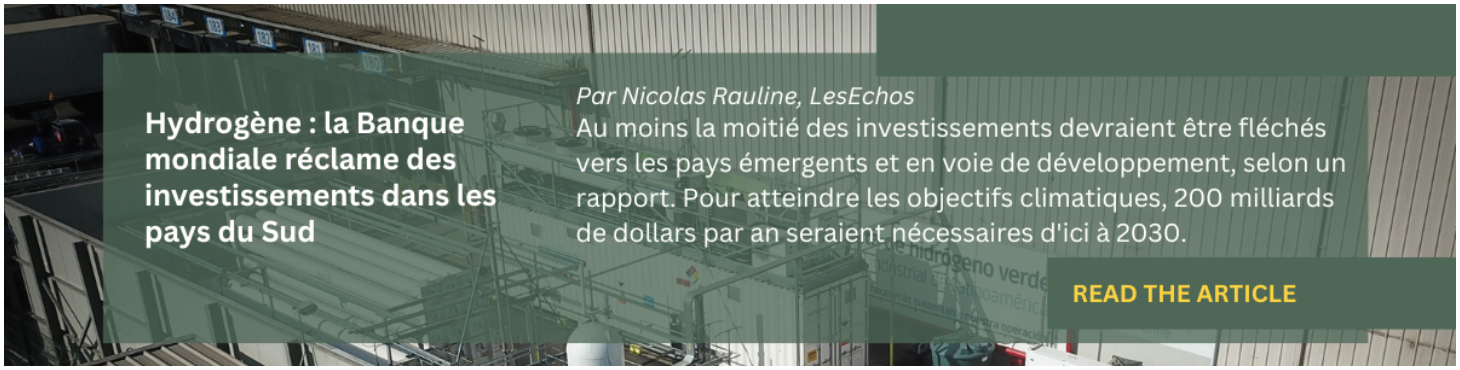
HYDROGEN IN THE NEWS



Planned Decarbonization: A Real Propeller of a Disruptive Industry

By Mohammed El Kettani, Forbes France
In a recent report, the World Bank warns of the lack of investment in green hydrogen projects which are struggling to materialize.

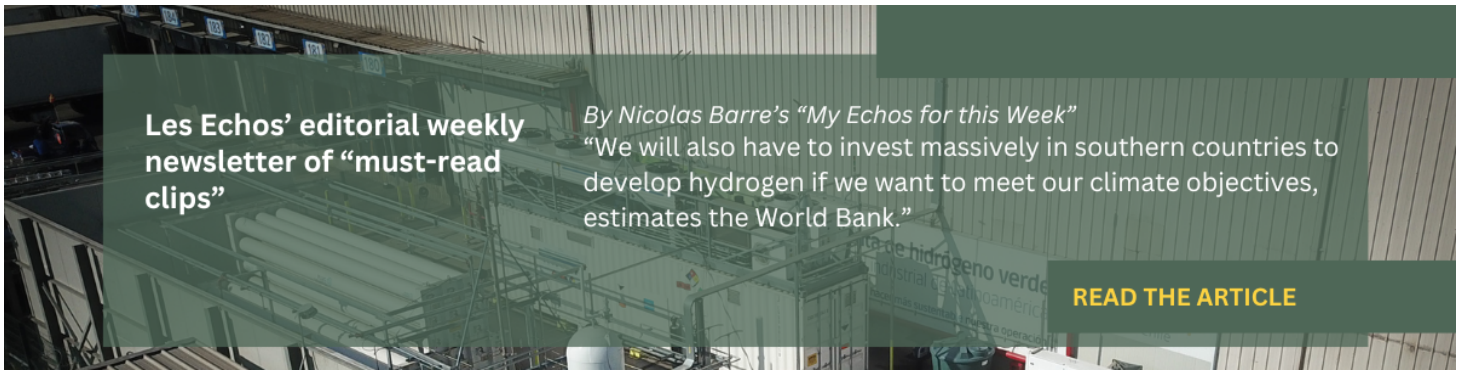
READ THE ARTICLE



Hydrogène : la Banque mondiale réclame des investissements dans les pays du Sud

Par Nicolas Rauline, LesEchos
Au moins la moitié des investissements devraient être fléchés vers les pays émergents et en voie de développement, selon un rapport. Pour atteindre les objectifs climatiques, 200 milliards de dollars par an seraient nécessaires d'ici à 2030.

READ THE ARTICLE



Les Echos' editorial weekly newsletter of "must-read clips"

By Nicolas Barre's "My Echos for this Week"
"We will also have to invest massively in southern countries to develop hydrogen if we want to meet our climate objectives, estimates the World Bank."

READ THE ARTICLE

MINI GRIDS IN THE NEWS

En Afrique, les promesses de l'énergie solaire pour éclairer les campagnes

By Marie de Vergès, Le Monde Afrique
Les minicentrales photovoltaïques se multiplient sur le continent, comme au Bénin, où moins de 20 % des zones rurales ont accès à l'électricité. Des projets qui visent à stimuler le développement économique des villages mais dont la rentabilité est un défi.

READ THE ARTICLE

PUBLICATIONS

Scaling Hydrogen Financing for Development | Executive Summary

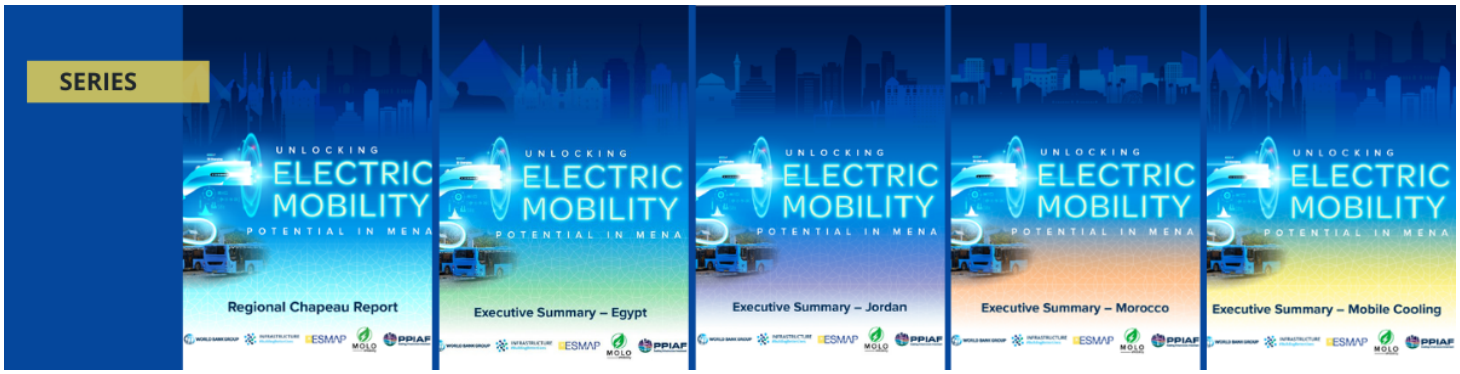
This report unveils a unique and in-depth proposal to transform ideas into attractive investment projects. It highlights how policy and financial risk mitigation mechanisms play a critical role in slashing the funding gap and reducing the cost of hydrogen generation..

» Download the Executive Summary

Unlocking the Energy Transition: Guidelines for Planning Solar-Plus-Storage Projects

The report aims to streamline adoption and deployment of IPP-owned solar-plus-storage hybrid generation projects, especially in countries where reliance on fuel-based thermal generation is deepening their vulnerability and deficits, accelerating a much-needed transition.

» Download the Report



Unlocking Electric Mobility Potential in MENA Series

There is an urgency to scale up the electrification of transport amongst the worldwide efforts towards energy transition and decarbonization. Electric mobility, or e-mobility, has become one of the rapidly developing opportunities to contribute to nations' climate and development goals, including climate change mitigation, fiscal burden reduction (for oil importing economies), energy efficiency, sustainability, air quality improvement, and promoting modal shift where applicable, such as expanding access to electrified public transport.

» Browse the Series

JOINT: Institutional Architecture for Regional Power System Integration

This report examines stakeholder roles at different stages of cross-border integration to enable multilateral power trade. As energy regulators are our main audience, we focus on their roles and responsibilities after briefly addressing those of governments and utilities.

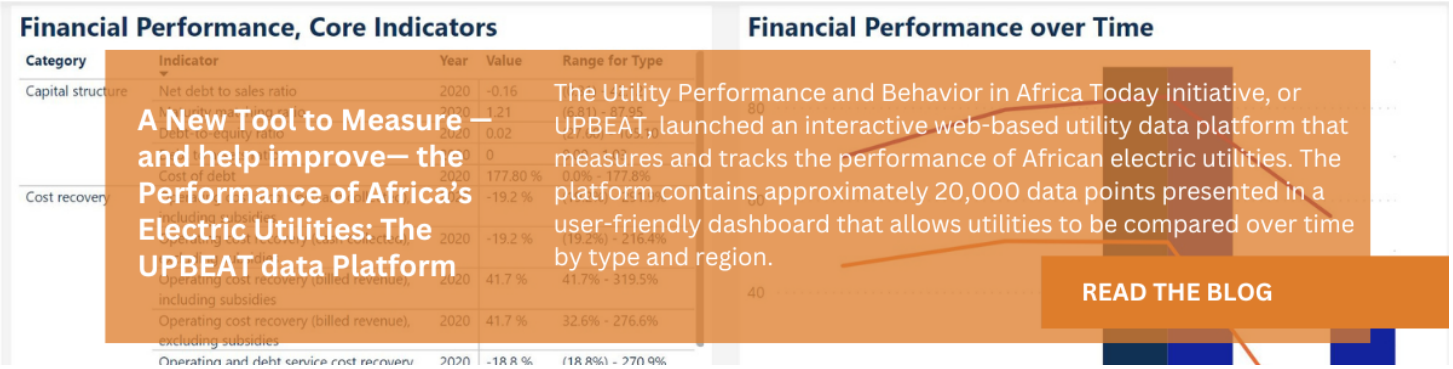
» Download the Report

BLOGS

How Can We Understand the Impact of Energy Subsidies and their Reform on Households?

Sound distributional analyses can help governments identify ways to strengthen energy subsidy reform design options to mitigate the most critical impacts of reform through better-targeted support and help address political economy constraints.

READ THE BLOG



A New Tool to Measure — and help improve— the Performance of Africa's Electric Utilities: The UPBEAT data Platform

The Utility Performance and Behavior in Africa Today initiative, or UPBEAT, launched an interactive web-based utility data platform that measures and tracks the performance of African electric utilities. The platform contains approximately 20,000 data points presented in a user-friendly dashboard that allows utilities to be compared over time by type and region.

READ THE BLOG

UPCOMING EVENTS

Cyber Resilience in the Energy Sector: Distribution, Transmission and Digitalization

The panel will address cybersecurity challenges related to grid decentralization, SCADA/ICS vulnerabilities, and data security. The session is alongside the Cyber Resilience for Development Conference in Ghana.

Geothermal Congress for Latin America and the Caribbean (GEOLAC)

ESMAP will present an overview of the upcoming report Creating Value Beyond Electricity Generation which highlights the socioeconomic contributions of the geothermal sector, potential opportunities, and benefits that can be enhanced at national and local levels throughout the development and operation of geothermal projects.

PAST EVENTS - GENDER

Report Launch Event | Power with Full Force – Getting to Gender Equality in the Hydropower Sector

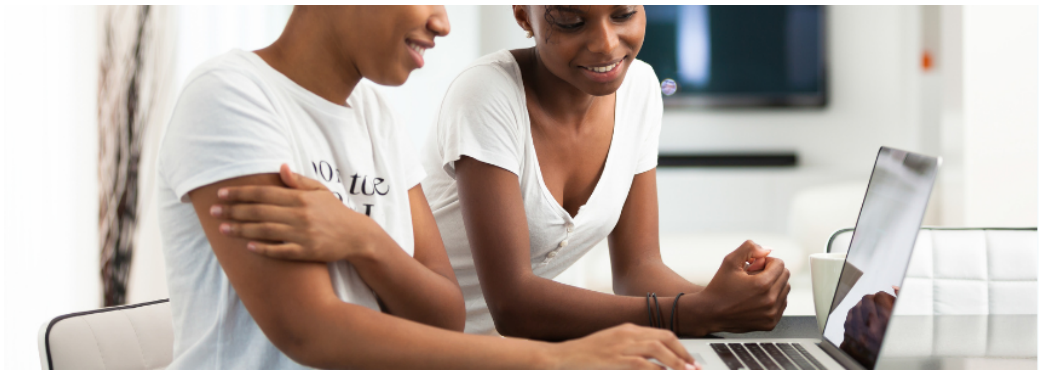
ESMAP's new publication provides insights on gender equality and best practices for closing gender gaps and empowering women in the sector.

LEARN MORE

Enhancing Education and Gender Inclusion for Energy Transition and Climate Action in MENA

The Arab Academy for Science and Technology (AAST) convened RENEW MENA's Egypt Chapter partners to share RENEW MENA to STEM Students, foster engagement between energy sector entities and students discussing energy transition and potential jobs.

LEARN MORE



8th OLADE Energy Week

The Gender and Energy Panel introduced ESMAP's latest products and discussed efforts to gather information, establish baselines and produce evidence to address gender gaps in the energy sector. WePOWER in South Asia was highlighted, the availability of gender indicators, other topics on women's participation and inclusion in the energy sector on Energydata.info.

LEARN MORE

PAST EVENT - CLEAN COOKING

ESMAP @Vienna Energy & Climate Forum Session on: Energizing Health SDG7 for 3 and 13

How three important #energyaccess strands - #cleancooking, #cooling and #healthcare facility #electrification - impact #health and #climate, and the connections between these strands, the latest innovation and progress, and financing gaps urgently needed to accelerate change.

WATCH

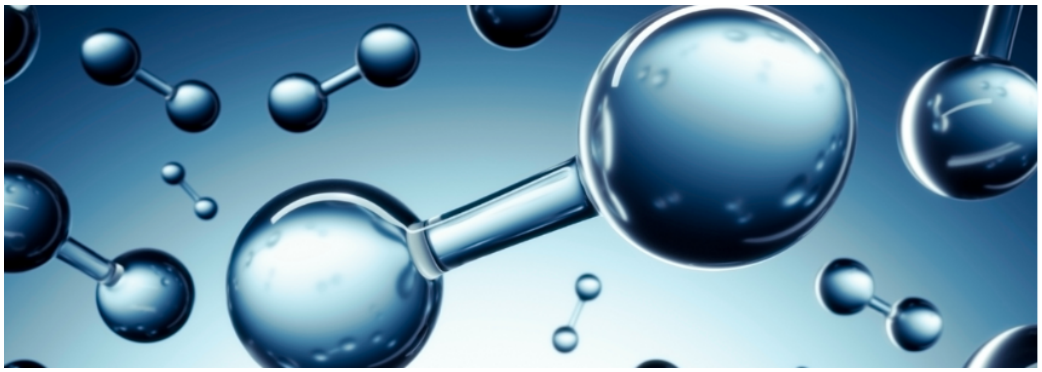
PAST EVENT - UTILITIES FOR THE ENERGY TRANSITION

Insights from Peer-to-Peer Trading of Green Energy on Blockchain Platforms

Participants discussed the potential of peer-to-peer P2P trading in scaling up of Distributed Energy Resources (DERs) in utilities & learned about the regulatory support and business models needed to unleash the immense potential of creating blockchain based local energy markets and green energy communities

LEARN MORE

PAST EVENTS - RENEWABLE ENERGY



Time for Climate Action: Green Hydrogen Development and Projects Implementation in the MENA Region to Reach Net-Zero

This webinar provided an overview of the outlook for the hydrogen economy in the MENA region and a deep dive into case studies from Oman and Saudi Arabia.

LEARN MORE

Solar Plus Storage Business Models and PPA Framework

This webinar focused on an innovative framework that contributes to improving renewable energy project implementation, facilitating the transition from traditional thermal generation to cleaner and more reliable systems that can meet a large share of energy needs.

LEARN MORE

PARTNERS' CORNER

European Green Hydrogen Summit, an H4D Partner

A high-level summit convened by Hydrogen Europe, one of our H4D partners, was attended by a delegation as part of a study on the development of trade in green hydrogen. The objective of the conference was to network and discuss the regulation of green hydrogen. The event aimed to bring together stakeholders in the green hydrogen industry to exchange knowledge, share best practices, and explore opportunities for collaboration.

LEARN MORE

ESMAP EVENTS CALENDAR

DECEMBER 2023

Explore

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