

INNOV'ENERGY

THE ENERGY INNOVATION AND TRANSITION FORUM

Thursday May 19, 2022
Hyatt Regency Casablanca Hotel



IN PARTNERSHIP WITH

المكتب الوطني للكهرباء و الماء الصالح للشرب
Office National de l'Electricité et de l'Eau Potable

 **Fenelec**
FEDERATION NATIONALE DE L'ELECTRICITE DE
L'ELECTRONIQUE ET DES ENERGIES RENOUVELABLES

INSA
Alumni Maroc



Implementing the energy transition requires a judicious combination of renewable energies, energy efficiency, innovative technologies and clean fossil technologies. In this context, and due to Morocco's commitment to achieve carbon neutrality by 2050 and given the introduction by the European Union of the carbon tax from 2023, industrial and service companies are obliged to decarbonize their production processes to remain competitive.

But if the energy transition imposes constraints, it also offers opportunities in terms of innovation, development, investment and cost reduction. The Energy Innovations and Transition Forum is a space for presenting innovations and discussing partnership and investment opportunities for businesses.



It makes it possible to show the possible ways to successfully carry out its energy transition, to offer innovative technological solutions to industrial and service companies from the audit to concrete solutions in terms of energy efficiency and choice of types of energy.

It allows companies with an innovative offer in renewable and clean energy to present their solutions to an audience of targeted and interested decision-makers.

Scientific Committee:

Noureddine SERHIR. Expert and director of energy companies.

Abderrahim JAMRANI. Energy expert

Omar MAGOUL. DG Interworld



The themes



I. The energy transition: innovation and new investment opportunities.

II. Renewable energies: Competitiveness and adequacy between production and demand

- Solar: technological evolution, costs falling, international competition, competitiveness of electricity and outlooks.
- Wind turbine ever higher for a higher load factor and lower electricity cost. What are the perspectives of the technology?
- Financing of decentralized production and domestic self-production with renewable energies.

III. Renewable energy intermittency, a new dimension to storage needs. What storage mix to increase the penetration rate of renewables in the energy mix.

- General review of mature storage technologies: characteristics, strengths and weaknesses.
- Focus on (PSP) pumped storage power plants and the development of a new storage market
- The different battery technologies and their roles in each market segment with a focus on the needs of the electrical network.
What technological breakthroughs are expected?
- Power to Gas to Power, gas storage needs to meet the needs of a network with high renewable share.

IV. Hydrogen technologies: The challenge of technological performance and production costs

- The water electrolysis sector: production of hydrogen at a competitive cost with renewable energy, a major challenge: obstacle of production cost and yield?
 - The production of green H₂ by electrolysis: The structure of the cost of production and level of competitiveness compared to other energy vehicle.
 - Level of competitiveness compared to conventional energy sources?
 - The challenge of reducing energy consumption and improving the performance of electrolyzers: Promising technologies and opportunities.
- Hydrogen storage: the challenge of storage infrastructure
 - Hydrogen can only be a competitive energy vector if it can be stored efficiently, at a lower cost and under acceptable safety conditions. Technological advances and expected improvements.
- Development of the green hydrogen market
 - Industrial use
 - Energy use (jet green fuel, methanol, ammonia) with a focus on the yields and manufacturing costs of fuel cells (a competitor to battery mobility) and the expected technological improvements.

V. Finance is a considerable and essential lever for the energy transition.

- Financial levers linked to the energy transition
- Financing, insurance, subsidies and tax policy

Goals

- Exchange and compare expertise relating to the governance of the green economy
- Expose the methods of reducing the carbon footprint of companies
- Offer innovative technical solutions
- Explore new avenues of financing,
- Use best-practice techniques,
- Boost national and international cooperation in energy saving and efficiency,
- Identify action programs
- Present the key themes: Audit, energy efficiency, digitalization, self-production, choice of technologies





ATTENDEES

- Ministries
 - Administrations in charge of energy
 - Energy efficiency agencies
 - Electricity boards
 - Solar, wind energy companies
 - Electricity company
 - Industrial and service companies, public and private
 - Experts
 - Study and audit firms
 - Banks and finance companies
 - Insurance
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PARTICIPATION FEE

➤ One person = **3,500 dh/ht** (Three Thousand Five Hundred Dirhams Excluding Taxes)

Two people = **6,300 dh/ht** (Six Thousand Three Hundred Dirhams Excluding Taxes)

Three people = **9,000 dh/ht** (Nine Thousand Dirhams Excluding Taxes)

Including: Conference + BtoB + Documentation, Coffee break + Lunch + Cocktail dinner



BOOKING EXHIBITION SPACE

Personalized BtoB area: 2x2m² Box, Desk, 3 Chairs, Screen, 2 Roll-up, Carpet

Price : 20 000 Dh/ht

FORUM REVIEW (A5 Format)



Advertising insertion rates

Distributed free of charge to participants

4th cover : **16,000 dh/Tax**

2nd cover : **14,000 dh/Tax**

3rd cover : **10,000 dh/Tax**

Inside page : **8 000 dh/Tax**

Half-page : **4,500 dh/Tax**

SPONSORSHIP FORMULAS



DESIGNATION	OFFICIAL	GOLD	SILVER
Insertion of the logo with quote (Organized in partnership with) on all communication media	✓		
Intervention during the inaugural session which will kick off the work of the day	✓	✓	
Personalized 3x3 space equipped with: desk, 3 chairs, screen, 2 roll-ups, carpet	6x3m ²	3x3m ²	3x3m ²
Inlay of the logo on all communication media	✓	✓	✓
Presentation of the services offered by the company to the participants	✓	✓	
Dressing of the room: Roll-up, X-banner ...	✓ High visibility	✓	✓
Insertion of an advertising page on the Forum magazine. 4th cover 2nd cover 3rd cover	4th cover	2nd cover	3rd cover
Customization of tables and menus	✓		
Insertion of a text, presenting the company in	Tree page	Two page	One page
Reservation of a VIP table during lunch	10 Tickets		
Delivery of free badges (staff and guest access)	20 Ticket	10 Ticket	5 Ticket
	200,000 MAD/tax	150,000 MAD/tax	100,000 MAD/tax