

"من أجل جزائر سيده"  
"For a sovereign Algeria"



المنتدى الوطني المهني  
للنجاعة الصناعية و اقتصاد الطاقة

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Forum National Professionnel pour l'Efficiency Industrielle  
et l'Economie d'Energie

National Professional forum for Industrial Efficiency  
and Energy Economy



F.N.P.E.I.E.E



# *Identification Card*

National Professional forum  
for Industrial Efficiency  
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Forum National Professionnel pour l'Efficiency Industrielle et l'Economie d'Energie

*"For a sovereign Algeria"*



Algeria is going through a pivotal period, marked by both challenges and immense opportunities. In a rapidly changing world, driven by the imperatives of energy transition, industrial efficiency, and technological strength, Algeria can achieve the strategic positioning it aspires to, with the participation of its conscious elite in building a better and sovereign republic.

Our homeland, strong in its natural and human resources, today needs—more than ever—an elite that is committed, competent, and aware of its responsibilities. Knowledge alone is no longer enough: there must be a collective will to act for the common good, within a dynamic of cooperation and innovation.

The National Professional Forum for Industrial Efficiency and Energy Economy (F.N.P.E.I.E.E) is part of this national ambition. It embodies a space for reflection, action, and concrete proposals, bringing together engineers, researchers, industrialists, decision-makers, and economic actors around a common goal: to valorize our resources, modernize our industry, and guarantee lasting energy security for Algeria.

This forum is a citizen, professional, and technical response to strategic challenges. It reflects our will to unite skills, combine expertise, and build a future based on performance, sustainability, and sovereignty.

Let us build together a high-performing Algeria—energy-efficient, sovereign in its choices, and proud of its own genius.

**Pr/ Mustapha CHEFAI**



**F.N.P.E.I.E.E**



## Presentation:

“The National Professional Forum for Industrial Efficiency and Energy Economy” is created in order to coordinate the joint efforts aimed at supporting the State’s policy in the development of the industrial sector and the energy economy in Algeria, and to effectively accompany the transition from a rentier economy to an innovative and diversified economy, based on efficiency and added value.

The Forum works as a single team, composed of engineers, university professors, researchers, experts, executives, and managers of Algerian industrial institutions coming from various public and private sectors, as well as all the technical staff from all the territories of our great country.

The FNPEIEE remains an institution that guarantees the promotion of industrial and energy efficiency while achieving an economy of energy and its resources for the benefit of the future generations of the Algerian Republic of tomorrow.

Our Forum is a workshop of reflection, consultation, and solution, national and open, which has a scientific, technical, and professional character, and is established to accompany various institutions of the public and private sector in order to reach the objectives related to industrial efficiency and energy economy.

We are confident that this Forum will always be a solid support for the industrial sector and will contribute to improving our competitiveness at the national and international levels by directly engaging in the support of the national economy and for sustainable development, for a sovereign Algeria.





## The strategic objectives of the Forum

- 1 Contribute to supporting and assisting public institutions in programs for energy conservation, economy, and efficiency, in coordination with the competent authorities.
- 2 Contribute to the dissemination of national awareness and expertise that serve government decisions in regulating and monitoring industrial efficiency, energy economy, modern technologies, and standardized industrial norms, in coordination with the APRUE.
- 3 Organize seminars, conferences, and meetings in the industrial and energy sectors.
- 4 Sponsor inventions and innovative projects, and encourage young people to create emerging startups, as well as small and medium-sized industrial enterprises and industries serving the energy sector.
- 5 Organize twinning and cooperation projects in technical, scientific, technological, professional, and economic fields at national and international levels, in compliance with applicable laws and regulations.
- 6 Involve and encourage Algerian expertise in conducting studies and assessments in the energy and industrial fields.
- 7 Propose practical solutions to challenges hindering the proper implementation of high value-added industrial and energy projects, in order to contribute to strengthening the national economy.
- 8 Promote and enhance local industries through the "Made in Algeria" label.
- 9 Develop industrial production mechanisms by introducing technological factors and encouraging business leaders to expand the scope of industrial activities and represent Algerian national products.
- 10 Contribute to the dissemination of national and international standards among economic operators in the energy and industrial sectors.
- 11 Encourage the circular economy model in the energy, mining, and various industrial sectors.
- 12 Integrate social dimensions into sustainable energy transition.
- 13 Develop cooperative relationships with research and development institutions and launch initiatives and programs for professional qualification and accreditation.
- 14 Create spaces for interaction and exchange of experiences, as well as public awareness.
- 15 Inform the competent authorities of the latest practical recommendations for the energy and industrial sectors resulting from local, national, and international meetings, in the interest of the national economy.
- 16 Establish partnerships with national and foreign associations and organizations that share our objectives, in accordance with the laws in force and regulations.





## The organic structure:

The FNPEIEE is composed of the National Executive Bureau, of nine permanent Commissions, of regional Bureaus, of Wilaya Bureaus, of expert Advisors and of honorary Members.

### The permanent commissions of the Forum:

-  Communication & Information Commission.
-  Legal Affairs and Disputes Commission.
-  Professional Qualification Commission.
-  Commission for the Monitoring, Support, and Promotion of industrial projects and Energy-Oriented industries.
-  Studies and Expertise Commission.
-  Programming and Planning Commission.
-  Technical and Scientific Participation Commission of Algerian Competences.
-  Applied Technologies and Scientific Research Commission.
-  Renewable Energies Commission.



## The objectives of the commissions:



### 1 Communication & Information Commission:

- Develop a clear, structured, and coherent communication strategy.
- Define the rules of internal and external communication (procedures, channels, content validation).
- Ensure the reliability and consistency of disseminated information.
- Participate in the organization of events (in coordination with Commission 6).
- Establish a crisis communication strategy.
- Identify priority and urgent communication actions.





### ***Legal Affairs and Disputes Commission:***

- Ensure legal monitoring at all levels of the organization.
- Provide the necessary legal advice to the various commissions and bodies of the organization.
- Train and raise awareness among the organization's members on the application of regulatory texts issued under Algerian law.
- Oversee compliance with and implementation of the articles of the organization's statute and internal regulations.
- It remains the Disciplinary Commission, which will rule on organizational measures and membership movements, reinstatements, and dismissals of members, in accordance with the organization's statute and internal regulations.



### ***Professional Qualification Commission:***

- **Professional Development:** Enables professionals to acquire new skills and knowledge to stay up to date with developments in their sector.
- **Career Reorientation:** For those who wish to change fields or professions, professional rehabilitation offers the opportunity to learn and strengthen the skills needed for a new career.
- **Promotion and Advancement:** Encourages progression in the professional hierarchy by allowing employees to obtain additional qualifications and prepare for leadership roles.
- **Personal Development:** Beyond professional skills, professional rehabilitation contributes to personal growth by strengthening technical skills, communication, time management, and leadership.



### ***Commission for the Monitoring, Support, and Promotion of industrial projects and Energy-Oriented industries:***

- Identify industrial projects related to energy economy.
- Determine the needs and challenges of investors.
- Establish a mapping of the industrial sectors with the highest energy consumption or with rationalization potential.
- Create multidisciplinary support desks (engineering, expertise, certification...).
- Develop a digital portal for the registration and monitoring of innovative, pilot, and nationally supportive projects.
- Organize field visits and technical workshops.
- Launch calls for model projects in energy-oriented industries.
- Create industrial clusters specialized in energy solutions.





- Support research and development platforms and common technical laboratories in the industrial field.
- Support factories in adopting international ISO standards.
- Propose national standards for the performance of industrial equipment.
- Develop a national industry for energy efficiency equipment.
- Integrate energy-saving products into local supply chains.
- Encourage the creation of partnerships in the field of energy technologies.
- Ensure coherence between industrial safety orientations and the development of the local fabric.
- Support field initiatives related to industry and energy economy.



### ***Studies and Expertise Commission:***

- Conduct prospective studies on medium- and long-term energy needs.
- Evaluate energy infrastructure projects in production, distribution, and efficiency.
- Propose energy transition scenarios adapted to local realities.
- Support public policies by formulating concrete recommendations.
- Analyze the economic, social, and environmental impacts of energy choices.
- Ensure continuous technological and regulatory monitoring in the the industrial and the energy sectors.
- Promote green logistics for more responsible consumption.
- Exploring the horizons of nuclear energy, hydrogen, renewable and green energies, shale gas, and others, as a complementary source.







### ***Programming and Planning Commission:***

- Structure the forum's programs around the key issues of industry and energy in Algeria.
- Ensure the organization of events, aligning content with the strategic objectives of the forum.
- Ensure coordination with other commissions and partners.
- Monitor the preparation schedule and validate deliverables related to programming.
- Continuously adapt the program according to technical constraints or last-minute adjustments.
- Formalize a database of speakers, themes, panels, and deliverables.
- Strengthen and support the network of experts and stakeholders engaged in industrial and energy transformation.
- Implement the national roadmap on industry/energy synergies through the successive editions of the forum.



### ***Technical and Scientific Participation Commission of Algerian Competences:***

- **Mobilize the expertise of the diaspora:**

Identify and bring together the technical, scientific, and entrepreneurial skills of the diaspora in the field of sustainable energy and industries.

- **Promote the transfer of knowledge, skills, and technologies:**

Encourage the exchange of know-how between diaspora experts and Algerian enterprises, particularly in the fields of industry, energy management, and efficiency.

- **Contribute to strengthening national policies:**

Provide technical and strategic support to the government for the implementation of new practices and recommendations.

- **Support investments:**

Encourage investment initiatives from the Algerian diaspora abroad, in collaboration with national partners in the fields of industry and energy efficiency.

- **Strengthen international cooperation:**

Establish partnership agreements with agencies and international organizations based in Algeria.

Carry out technical and scientific twinning with international institutions, such as research centers, vocational training schools, and industrial expertise and audit organizations.





## ***Applied Technologies and Scientific Research Commission.***

- **Scientific Research**

- Lead and guide research projects.
- Identify trends, needs, and innovation opportunities in the field.
- Ensure active scientific monitoring.
- Seek and propose partnerships with academic institutions and research centers to work on the implementation of technical applications.
- Set up pilot projects in partnership with universities and research centers.

- **Technical Applications**

- Translate research results into concrete solutions.
  - Coordinate the implementation of technical innovations.
  - Work closely with engineers and technicians to ensure prototypes or solutions are tested, validated, and integrated into industrial processes.
  - Play a key role in adapting technologies to field requirements.
- Innovation and Technological Monitoring**
- Continuously monitor developments in the technology sector and emerging innovations.
  - Propose strategic directions for integrating these new advances into the committee's work.
  - Organize prospective syntheses.
  - Formulate recommendations and prepare the ground for future innovation projects linked to technical applications.

- **Relations with Industry**

- Create and maintain strong ties with industrial and economic actors to ensure technology transfer and practical applications.
- Identify partnership opportunities to support the industrial efficiency policy of our Forum for the benefit of the national economy.
- Negotiate agreements and organize meetings between committee experts and industrial partners to promote industrial activities and productivity.
- Promote the valorization and practical implementation of innovations resulting from national research.

- **Awareness**

- Organize workshops, reflection sessions, conferences, and seminars to spread best practices in technical applications and research.
- Develop scientific modules and professional rehabilitation programs adapted to standardized needs, ensuring that all collaborators are informed of the latest technological and methodological advances.





## *Renewable Energies Commission.*

- Support the energy transition of institutions and industrial companies through targeted advice, training, and expertise.
- Promote renewable energies through pilot projects, national and international partnerships, and support for green investment.
- Support local innovation, startups, and project leaders in the fields of solar, wind, biomass, and green hydrogen energy.
- Engage our elite to raise awareness and work towards the generalization of energy management and efficiency.
- Mobilize Algerian expertise, both local and from the diaspora, to strengthen national policies and capacities, working towards energy security.
- Issue recommendations for a sustainable energy policy that is coherent and integrated with the country's industrial and economic objectives.
- Organize events (exhibitions, forums, webinars, workshops) to raise awareness, train, and connect key stakeholders in the renewable energy sector, synthesizing best technical practices.



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