

Future Energy Leaders Portugal - FEL.PT

Instruction Manual

1. Introduction

The Future Energy Leaders Portugal (FEL.PT) programme is designed to inspire, grow, and develop Portugal's energy leaders of tomorrow. The programme, created by Associação Portuguesa da Energia (APE), is based on the FEL-100 (Future Energy Leaders) programme of the World Energy Council.

The FEL.PT programme connects the young energy professionals of Portugal to a global network of future energy leaders through interaction with the FEL-100 programme, and provides a platform to build a rich professional network and to interact with senior energy leaders.

The World Energy Council is the main independent network of leaders and practitioners around the globe, promoting affordable, stable, and environmentally sensitive energy systems for the greatest benefit of all.

The Associação Portuguesa da Energia's (APE) mission is to promote the discussion on issues related to the evolution of the energy sector, in a context of sustainable development and competitive markets, and the contribution of the energy sector to the economy and the quality of life in Portugal.

2. Objective and Scope of FEL.PT

FEL.PT adds on the positive momentum that the World Energy Council and the Portuguese Member Committee are creating at the national and global levels.

The programme invites Portuguese future energy leaders to contribute to the energy dialogue in Portugal, to support the development of a balanced national policy framework, and to help shape energy solutions for tomorrow, tailored to the national and regional context and needs by:

1) Supporting local decision-making and political or regulatory efforts:

- Developing projects or whitepapers regarding key topics for the energy industry;
- Including key topics for the local landscape in events, panels and discussion sessions;
- Developing content and resources to inform decision-makers, stakeholders and the general public about important issues in the energy transition.

2) Supporting the development of local professionals:

- Site visits, knowledge-sharing and panel discussions;
- Inviting and engaging National FELs in events and initiatives;
- Discussions, roundtables and keynote presentations.

3) Ensuring the Member Committee (MC) sustainability over time with generational relief:

- Involving National FELs in Council's and MC's projects, activities, panels and events;
- The postulation of most promising National FELs to the FEL-100 Programme.

4) Supporting the MC's activities, goals and mission:

- National FELs promoting agents within their organizations and colleagues;
- Involving National FELs in the MC's activities, projects and events.

5) Expanding local knowledge regarding the energy industry:

- Knowledge-sharing and discussions with professionals inside and outside the World Energy Council;
- Presentations and workshops with educational agencies, civic groups, and Non-governmental organizations.

The FEL.PT programme builds on the creative ideas and the innovative potential of the next generation to challenge conventional thinking and explore new strategies for the future of our energy systems. It offers young professionals a unique opportunity to learn and develop with exposure to critical issues in the energy debate.

The FEL.PT programme also creates a link between the Portugal future energy leaders and the wider energy network of the FEL-100 Programme and the World Energy Council.

3. FEL.PT Benefits

A Future Energy Leader of Portugal enjoys benefits:

- Attendance to the Portuguese Member Committee's workshops, events and meetings;
- Access to networking and business opportunities with the major players in the energy system at both national and global levels;
- Participation in the Portuguese Member Committee's activities and getting acquainted with the latest technologies and global trends in the energy sector;
- Connect with a global network of future energy leaders through active collaboration with the FEL-100 network;
- Gain access to a potential nomination to the FEL-100 network;
- Potential participation in the World Energy Council's triennial World Energy Congress;
- Participation in other World Energy Council's regional and international events;
- Potential participation in other international events, exhibitions, or study missions organized by the World Energy Council Portugal National Committee;
- Building a professional network as well as interacting with senior energy leaders in the country and from across the world;
- Working on one of the different projects and task forces identified or endorsed by the World Energy Council Portugal National Committee;
- Access and contribute to the World Energy Council's strategic studies and flagship reports;
- Development and sharing of a FEL.PT vision and strategy.

4. Eligibility Criteria

Future Energy Leader Portugal programme includes Portuguese FEL-100 members, as well as individuals that meet the following essential criteria and were selected by FEL.PT Evaluation Committee:

- Solid interest and proven track record in the energy sector; the CV indicates a specific achievement and the potential to become a leader in the energy sector;
- Obtained a bachelor's degree or higher;
- Minimum of 3 years full-time post-graduate and professional experience in an energy-related field;
- Highly motivated and encouraged to work with the World Energy Council Portuguese Member Committee;
- Ready to show commitment to become a member of the FEL.PT, remaining engaged for at least one year;
- Advanced level of English as the programme and all communications will be delivered in English;
- Age under 35 years old at the time of the application deadline (defined by FEL.PT each year);
- Portuguese Citizenship or residence in Portugal.

5. Programme Duration and terms

The FEL.PT is a yearly programme and members can be on-board initially for one year. The programme strives for excellence, commitment and diversity. In order to guarantee the quality and continuity of the programme, every year, the opportunity to remain in the programme is offered to those able to demonstrate commitment and involvement. Every year, each member's participation is evaluated by the evaluation committee; if the participant is considered active and contributive, his/her term may be renewed for an additional year for a maximum of 3 years.

Every year, new Future Energy Leaders of Portugal are selected in a competitive process to join the FEL.PT programme and become members of this exclusive network. FEL.PT board will take the decision of the number of new members selected each year and the total number of members.

At the end of their tenure, programme participants will receive a certificate and will join the FEL.PT Alumni to remain part of the World Energy Council Portugal National Committee's network.

6. Minimum Criteria

To remain in the FEL.PT programme each participant must at least:

- Be an active member of one of the task forces and projects identified or endorsed by the World Energy Council Portuguese Member Committee, including participation in meetings/calls, contribution to project plans, and contribution to deliverables;
- Participate in one of the FEL.PT own events;
- If possible, participate in one of the FEL-100 events.

If the above criteria are not fulfilled a programme participant can only remain a FEL.PT under special circumstances and with the approval of the evaluation committee.

7. Structure and Governance of FEL.PT

The **FEL.PT board** will be composed by two members designated by the WEC Portuguese Member Committee (APE) and three FEL.PT elected members. The board members are:

7.1. FEL.PT Chair – elected by Council’s Portuguese Member Committee and FEL.PT members

The role of the chairperson is to represent the programme and coordinate its activities. His/her responsibilities include to act as a spokesperson and represent the FEL.PT community, to take responsibilities and coordinate the work of the FEL.PT board, and to facilitate governance and meetings.

The FEL.PT Chair speaks for and represents the FEL.PT community. In case of conflicting commitments (professional and / or personal), the FEL.PT Chair may delegate its responsibilities to another FEL.PT board member with the consent of the World Energy Council Portuguese Member Committee to represent the FEL.PT community in a particular event or meeting.

7.2. FEL.PT Secretary - To be chosen by the Council’s Portuguese Member Committee

The Secretary is responsible for monitoring the execution of activities and for assisting the FEL.PT community in general and the FEL.PT board in particular. His/her responsibilities include to oversee the execution of activities approved by the FEL.PT board and assist and coordinate the work of the board and when appropriate, report progress to the World Energy Council Portuguese Member Committee, and in general to ensure a smooth communication between World Energy Council Portuguese Member Committee, the board and the members.

The FEL Secretary represents the FEL.PT community when reporting progress to the World Energy Council Portuguese Member Committee. He/she commits to work closely with the World Energy Council Portuguese National Member Committee to ensure the necessary links are made.

7.3. Taskforce Leaders (3 in total) - elected internally by FEL.PT members and the Chair of FEL.PT

The role of the taskforce leaders is to communicate team status and task accomplishments with the board. The taskforce leader should coordinate team logistics, provide team leadership, set milestones for projects and provide guidance to members as needed to accomplish projects.

Their responsibilities include but are not limited to the following:

- Assisting in the creation and development of FEL.PT projects and remaining in contact with World Energy Council Portuguese Member Committee;
- Making sure that reports developed by the FEL.PT community feed into the World Energy Council Portuguese Member Committee’s work and aspire a high level of quality and diversity;
- Ensuring that reports developed by the FEL.PT community follow the designed sign off process;
- Making sure that the work is completed on time and meets the expectations of the World Energy Council Portuguese Member Committee;
- Working to enhance the visibility of the FEL.PT programme;
- Interacting with the World Energy Council Portuguese Member Committee to ensure the FEL.PT projects and activities are well communicated;
- Leading the development and organization of FEL.PT events’ programmes;
- Looking for sponsorship and partnership opportunities.

When a FEL.PT report is concluded it is proofread by the members of the FEL.PT board:

- The report and its executive summary are sent in PDF and Word formats to the World Energy Council Portuguese Member Committee member responsible for the programme.
- FEL.PT work is reviewed by the World Energy Council Portuguese National Committee member responsible for the programme, who will provide feedback and advise with regards to publication.
- Once the report has been approved for publication by the World Energy Council Portuguese Member Committee, it is launched on the World Energy Council Portuguese National Committee's website, shared with the global network and promoted by the communications team.

Comments from the World Energy Council Portuguese Member Committee need to be integrated between each step of the sign off process.

7.4. The Evaluation Committee

The Evaluation Committee is composed of the FEL.PT Chair, FEL.PT Secretary, World Energy Council Portuguese Member Committee Executive Secretary, a FEL-100 Portugal member or a Portuguese FEL-100 alumni, and a World Energy Council Portuguese Member Committee member selected each year by the World Energy Council Portuguese Member Committee.

The Evaluation Committee ensures the quality of the programme by selecting and inviting the most appropriate participants to join the programme and facilitating their active involvement.

Its main tasks include but are not limited to the following:

- Monitor the level of activity of existing programme participants in accordance with the minimum engagement criteria and the evaluation criteria,
- Evaluate and determine which of the participants meet the minimum engagement criteria or have the highest evaluation scores and can choose to remain in the programme,
- Review applications and select new programme participants,
- Organize and coordinate the process to deliver certificates to the FEL.PT at the end of their term,
- Manage the nomination process of the FEL.PT Board and Chair.

The Evaluation Committee strives to select and nominate the best candidates and strictly consider the quality and diversity of the programme when doing so.

NB: The FEL.PT board elections will be based on voting via Google Forms link. A call for nomination of the board members will be launched during the first official introductory meeting/call.

7.5. Advisory Committee

The Advisory Committee is composed by the FEL.PT Chair, FEL.PT Secretary, elected Portuguese FEL-100 alumni, a Portuguese Member Committee official selected each year and any other professional which have address a great contribution to the FEL.PT programme.

The Advisory Committee is a group of experience professionals with the mission of assisting and advising the FEL.PT Board. The FEL.PT Chair will be responsible for requesting the Advisory Committee meetings.

8. Taskforces

Each FEL.PT member needs to be active in one of the below three taskforces; in this regard, a Google Forms link will be sent for to rank the 3 task forces based on preference.

9. FEL.PT Project Topics

FEL.PT members have the flexibility to choose the type of project to work on within the assigned taskforces. Projects could be feasibility and market studies, trainings or workshops, project execution, policy development, etc.

FEL.PT participants also have the flexibility to choose topics of interest. However, project topics should be in line with World Energy Council's and World Energy Council Portuguese Member Committee's scope of work and objectives. The selection of topics will be based on ballot voting and the final approval will be issued by the World Energy Council Portuguese Member Committee.

FEL.PT members should not disclose project outputs with any third-party prior to the official launching/publication by the FEL.PT Programme and the World Energy Council Portuguese Member Committee.

10. FEL.PT Social Media

Members are requested to maintain an active social media involvement, and specifically on Twitter, Facebook and LinkedIn. FEL.PT news and activities will be shared on the WEC Portuguese Member Committee social media platforms.

The social media involvement of each member will be part of the participation evaluation by the evaluation committee.

ANNEXES

A1 - World Energy Council

Nearly 100 years ago, the WEC was founded to imagine, inspire, and implement a global energy agenda. Formed in 1923, the Council is the United Nations' accredited global energy body, representing the entire energy spectrum, with more than 3000 member organizations and around 90 Member committees from 90 countries ranging from governments, private and state corporations to academia, NGOs and energy-related stakeholders.

The World Energy Council develops global, regional, and national energy strategies by hosting high-level events, publishing authoritative studies, and working through its extensive member network to facilitate the world's energy policy dialogue.

More about the World Energy Council on: <https://www.worldenergy.org/about-wec/>

A2 - FEL100-Program Overview

The World Energy Council's Future Energy Leaders' Programme - the FEL-100 - is a global and diverse network of young energy professionals. The programme serves as a platform for engaging a limited number of ambitious young professionals in national, regional, and international activities and events. Its objective is to inspire participants to become the next generation of energy leaders capable of solving the world's most pressing challenges regarding energy and sustainability.

Being a Future Energy Leader means challenging conventional thinking and tapping into the innovative potential of the next generation to explore new strategies for the future energy ecosystem.

At the heart of the programme is the Market of Ideas, which incorporates several initiatives, events, publications, and projects. This provides wide-ranging opportunities for Future Energy Leaders according to their personal areas of interest, while ensuring there is a clear focus on work that delivers practical and interactive outputs in line with the Council's core objectives.

Through the programme, Future Energy Leaders can further their experience, knowledge and skills in an energy-focused environment and contribute to the Council's global dialogue. FEL-100 participants are provided with the unique opportunity to create their own personal networks of like-minded, equally motivated personalities today, and together become the energy leaders of tomorrow.

More about the FEL-100 Programme on: <https://www.worldenergy.org/impact-communities/future-energy-leaders>

A3 – Associação Portuguesa de Energia

The Associação is the Portuguese Member Committee of the World Energy Council, in which Portugal has been represented since the 1930s, and it is recognized as the oldest association existing in our country in the field of energy. Associação Portuguesa da Energia (APE), created in 1989, is a private, non-profit and of public interest institution.

As the World Energy Council Portuguese Member Committee, it builds on the missions of the Council in the Portuguese context. The association's mission is to promote sustainable energy for all through an active involvement in the Council's global energy network. It strives to create a national energy society platform in Portugal for energy experts and practitioners to meet, discuss and lobby towards the adoption of sustainable energy policies and technologies in the country. Promotes high level studies at different

levels of the energy sector, meetings and seminars, also proactively looking to identify and satisfy advanced training needs in the sector.

The Council's Portuguese Committee provides the opportunity for individuals, corporations and institutions to become members of this global network.

Associação Portuguesa da Energia brings together about 40 collective members, covering energy sector from production, transport, distribution and commercialization, small-to-medium enterprises (SME), research institutions, organizations of the public administration, investment banks and consultancy. Individual members include former government officials and expert in diverse areas such as energy, management and legal. The Associação provides many benefits to its members, particularly priority to attend and participate to international, regional and national events, workshop and projects, as well as updates on the latest news and publications about the energy sector in Portugal.

More about the WEC Portuguese Committee on: <http://www.apenergia.pt/>

A4 – The Energy Sector in Portugal

Portugal is geographically situated on the west coast of continental Europe, in the Iberian Peninsula. It borders Spain to the north and east, and the Atlantic Ocean to the west and south. Major population centers include Lisbon, the capital city, Porto, Braga and Coimbra. In addition to the continental territory, Portugal includes the two autonomous regions located in the Atlantic Ocean, the islands of the Azores located to the west and Madeira to the southwest.

Portugal is a world leader at integrating generation from wind and solar PV and has embraced targets of 80% renewable electricity by 2030 and a carbon neutral economy by 2050. Better interconnection with Europe and clear policy measure supporting effective markets are needed to achieve these ambitious targets.

Climate change has been a hot topic of discussion in the international arena for the last 20 years, with increasing importance in the recent years as is proven by increasing legislative and policy options in this domain a growing concern has been taken in energy policy planning by integrating GHG reduction measures (alongside with energy security concerns and energy dependency reduction).

Portugal's national energy and climate plan for 2030 and Roadmap to Carbon Neutrality by 2050 lay out ambitious plans to decarbonize the energy sector. The government needs to ensure that policy will support the development of effective markets to ensure decarbonization goals are met in a cost-effective manner. A strong effort must also be placed on electricity and natural gas interconnection to unlock the potential of Portugal's solar and wind resources and liquefied natural gas capacity to support local economic development and European energy security.

Portugal must also continue with market reforms to ensure stable, transparent and efficient energy markets that can attract the investment needed to achieve its energy sector targets while maintaining affordable energy prices.

More about the Energy Sector in Portugal on:

- 1) <https://webstore.iea.org/energy-policies-of-iea-countries-portugal-2016-review>
- 2) <https://descarbonizar2050.pt/en/>