

## **Vacancy Announcement**

### **Secretariat of the International Renewable Energy Agency (IRENA) Knowledge Policy and Finance Centre (KPFC)**

<b>Title and Grade:</b>	<b>Intern – Renewable Energy Statistics</b>
<b>Duration of Appointment:</b>	<b>9 Months</b>
<b>Duty Station:</b>	<b>Abu Dhabi, United Arab Emirates</b>
<b>Date for Entry on Duty:</b>	<b>As soon as possible</b>

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#### **Background**

The International Renewable Energy Agency (IRENA) is a lead global intergovernmental agency for energy transformation that serves as the principal platform for international cooperation, supports countries in their energy transitions, and provides state of the art data and analysis on technology, innovation, policy, finance and investment. IRENA drives the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy in the pursuit of sustainable development, energy access, and energy security, for economic and social resilience and prosperity and a climate-proof future. IRENA's membership comprises 170 countries and the EU. Together, they decide on the Agency's strategic direction and programmatic activities, in line with the global energy discourse and priorities to accelerate the deployment of renewables-based energy transitions worldwide.

Within this mandate, IRENA's Knowledge, Policy and Finance Centre (KPFC) carries out various projects and analytical work towards these objectives, including analyses of energy transition policies, renewable energy investments, socioeconomic and environmental impacts, as well as jobs and skills needed for just and inclusive transition. Based on this work, KPFC gives input to advisory services that the Agency provides to its members and at regional levels.

Key activities of the Statistics Team include the collection and analysis of data from Member States using the IRENA Renewable Energy Statistics Questionnaire, desk research and other data sources such as industry associations. In addition to data collection, the team is also engaged in data dissemination through avenues such as the IRENA website, international events and statistical publications as well as the development of methodological guidance.

#### **Objectives of the Internship Assignments**

The Intern will assist the Statistics Team to conduct data validation, review data gaps and assess the availability of data from other sources, with a view to developing future collaboration on this topic with other agencies. The objectives of the internship are:

1. Strengthen IRENA's off-grid renewables database and develop a more systematic process towards the collation of this information at the global level.
2. Data support on tracking progress towards the Sustainable Development Goal (SDG) for indicators 7.a.1 and 7.b.1.

### **Duties and Responsibilities**

1. **Data collection:** Addition of off-grid renewable energy capacity and production statistics, number of beneficiaries by end-use to IRENA off-grid statistics database and following IRENA classification and measurement conventions. Assist with the collection and validation of data to monitor SDG 7.a.1 and 7.b.1.
2. **Data validation and analysis:** Identify and correct redundancies, incorrect/missing entries, and remove duplicates in the off-grid database. Reconcile data discrepancies between the main statistics database and the off-grid database to align off-grid data in the two databases. Assist with data analysis to identify trends and provide insights for presentation and reporting purposes.
3. **Data sourcing:** Store and label data sources according to IRENA's labelling nomenclature.
4. **Reporting:** Expand methodological documentation and source notes. Assist with preparation of presentations and knowledge products.
5. Perform other tasks as required.

### **Learning Areas**

The IRENA Internship Programme offers graduate and university students from diverse academic backgrounds an opportunity to acquire direct exposure to IRENA operations and to enhance their educational experience through practical work assignments. It allows selected candidates to gain insight into the work of the Agency and provides a learning opportunity in various professional fields. Specific learning areas include:

1. Gain in-depth understanding of off-grid renewable energy development as well as linkages to improved energy access (SDG 7), and benefits derived from off-grid renewable solutions.
2. Gain an understanding of the role of renewable energy in the context of the renewable energy transition; and in expanding infrastructure and upgrading technology for supplying modern and sustainable energy services for all.
3. Improve analytical, research, writing and presentation skills.
4. Benefit from peer-to-peer exchange of experiences and expertise in renewable energy in a multi-cultural environment.

### **Timeframe**

The internship is for nine months.

### **Minimum Requirements**

- Applicants must at the time of application meet one of the following requirements: Be enrolled in a post-graduate programme (master's or doctorate) at a recognized university and remain enrolled during the entire period of the internship; Be in their final year of an undergraduate programme at a recognized university and remain enrolled during the entire period of the internship; Recent graduates may also be included in the programme provided the start date of the internship is less than six months since their graduation.
- Candidates must be fluent in English (both oral and written) and demonstrate excellent writing and communication skills.
- Competencies: Candidates should demonstrate renewable energy data collection, data analysis (such as data extraction, transformation, and loading), data visualisation, Microsoft Office (Excel, Word, and PowerPoint), solid teamwork, planning and organizing, professionalism and communications skills.
- Candidates must be able to work in a multi-cultural and multi-disciplinary environment.
- Preference is given to candidates studying in the fields of energy, engineering, statistics, or other related fields with a good understanding of renewable energy resources and energy statistics.

### **Internship Conditions**

Interns of IRENA are not considered to be staff members. The selected intern will work on a full-time basis (40 hours per week) on-site in Abu Dhabi, UAE working hours.

### **Application Procedure**

IRENA wishes to encourage applications from female candidates.

Please note that only candidates under serious consideration will be contacted for an interview and will receive notice of the outcome of the selection process.