

IRENA Renewable Energy Learning Partnership (IRELP)

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International Renewable Energy Agency (IRENA)**

- Critical **shortage of skilled personnel**, both at the professional level and operational level, to work in the RE sector.
- Some skills are transferable from other sectors but there are many skill sets that are **specific to RE** which remain to be developed.
- Insufficient education or training can result in project **delays** and operational and **maintenance failures**.
- This is a problem being faced at a **global level**.





Objective: Develop a robust and highly skilled labor pool

IRELP's mission is to:

- Create awareness about skills gaps and labour shortages in the renewable energy sector;
- Raise the profile of renewable energy as an attractive career option;
- Increase awareness of, and accessibility to renewable energy education opportunities and resources; and
- Assist in the development and adaptation of education and training programmes.

About IREL

- IRELP currently features more than 1,500 renewable energy courses, workshops, degree programmes, webinars, training guides, and internship opportunities.
- IRELP has 21 partner organizations who play a critical role in contributing information to IREL.
- User statistics:
 - IRELP has users in 189 countries worldwide.
 - Provides information on 949 courses/programmes; training materials: 154; Webinars: 315
 - Connected with 45,893 people via Facebook

IRELP's Partners



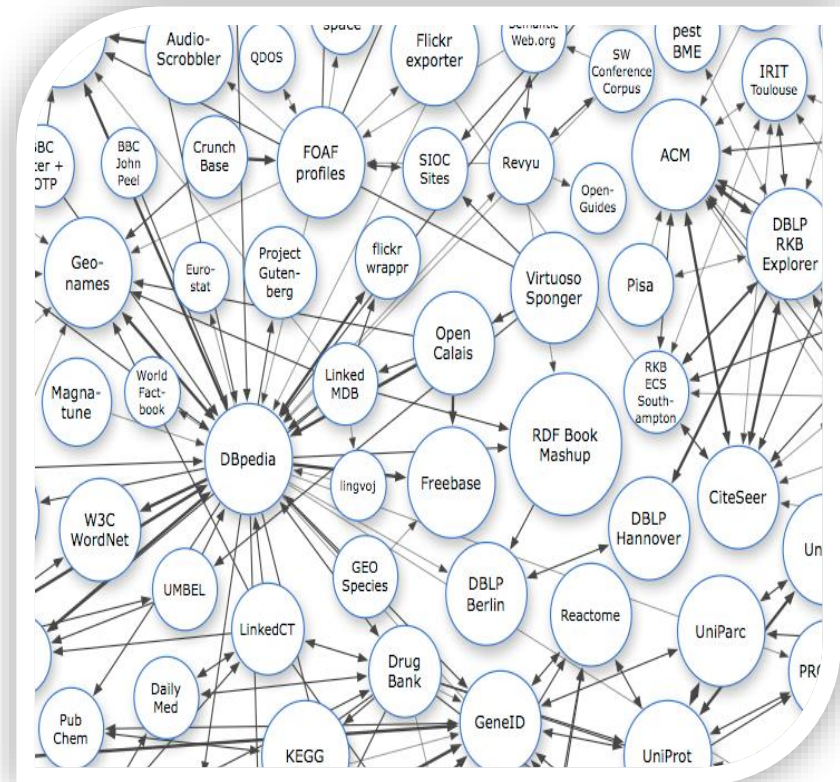
The IRELP Global Network is a group of highly accomplished individuals dedicated to IRELP's vision and mission. Participants in the Global Network have made voluntary commitments to assist in consolidating information on renewable energy education and training opportunities and resources, particularly within their home regions, to be included within IRELP. The success of IRELP is in large part due to the kind contributions of the IRELP Global Network.



Name: Alejandro Egüez
Country: Ecuador

"I feel pleased to have the opportunity to volunteer with IRELP in their effort to collect, consolidate and upload globally available renewable energy related content to its education and training database. I am committed to the deployment of renewable energy and am very aware that such deployment urgently requires capacity building in order to deliver projects that can promote sustainability in a broad sense, while transforming our energy matrix. Many education and training initiatives are available worldwide and IRELP plays a key role in bridging the information gap between knowledge seekers and knowledge providers. I share IRELP's vision to create a world where renewable energy related education and training is available and accessible to everyone."

- IREL P is developed on Linked Open Data (LOD) Technology.
- IREL P datasets can be integrated with other websites.
- For example, IREL P is currently linking with an initiative from the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) to display RE education and training opportunities in the ECOWAS region.





Focus of Phase II:

- Support renewable energy curriculum development, particularly within developing countries, through the establishment of an online curriculum centre.
- Provide RE career guidance to compliment the existing training and education opportunities, through the establishment of an online career centre.



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Muchas Gracias
Thank You

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