RENEWABLE ENERGY TECHNOLOGY EXPERT
Grade A2/A3
Renewable Energy Unit,
Energy Technology Collaboration Division,
International Energy Agency

EXD/HRM/VAC(2002)077

PROJECT POST

Fixed term duration

The International Energy Agency (IEA) of the OECD, an international organisation based in Paris, is looking for a renewable energy technology expert to join our Renewable Energy Unit (REU) to coordinate international technology collaboration efforts, and to draw upon them to develop messages related to renewable energy R&D and commercialisation.

The REU is responsible for the Agency's renewable energy technology, policy and industry analyses, as well as co-operation with Member governments and their institutions on renewable energy issues. The Unit also supports 8 International Technology Collaboration Agreements in the renewable sector, and provides data and analysis to other offices within the IEA Secretariat, to Member governments, and to the public.

This top-flight energy technologist is familiar with renewable energy technologies. S/he will facilitate an effective international dialogue on renewable energy technologies and related issues in Member and non-Member countries, particularly with regard to the eight International Technology Collaboration Agreements. His/her mission will be to characterise and evaluate the progression of renewable energy technologies toward market competitiveness, and to characterise R&D priorities and other technology-based needs for successful commercialisation. A key priority will be to produce professional and effective analytic reports and publications on renewable energy technology issues for distribution within and outside the Secretariat, and organise additional activities to promote renewable energy technology development messages. S/he reports directly to the Head of the Renewable Energy Unit in the Energy Technology Collaboration Division within the International Energy Agency.

The job...

1. Manage IEA efforts to evaluate and report on renewable energy technologies’ current status and future potential. The principal focus of this effort is to support and further develop the Renewable Energy Working Party’s R&D Priorities Programme and the Committee on Energy Research and Technology (CERT).
2. Research and evaluate renewables role in cross-cutting and major technology issues of the future, including such issues as distributed generation, hydrogen as an energy carrier, and renewables potential for transportation fuels. Contribute to research on renewables contribution to each of the “3 E’s” (energy security, economic progress and the environment) and other analysis projects.

3. Evaluate and facilitate technology commercialisation strategies and activities of Member governments, particularly those related to the International Technology Collaboration Agreements (“Implementing Agreements”). Highlight and support “best practices” and other exemplary strategies and activities of the Implementing Agreements to facilitate RE technology commercialisation and market development.

4. Assess significant or presumed technology barriers to renewable energy potential such as intermittency, plant size, public acceptance, and reliability. Evaluate technological or system solutions to these barriers. Investigate costs and likely market limitation impacts.

5. Compile and assess national Member government investments in RE R&D, as well as that of non member countries. Evaluate trends and report findings.

6. Draft and contribute to publications, make presentations, create web products and in other ways effectively communicate the key findings of the IEA’s renewable energy program to targeted audiences.

7. Further develop other needed technology information resources, especially in co-operation with Member governments and with private sector industry associations.

8. Produce reports to IEA Senior Committees and prepare publications on renewable energy policies, statistics and other data and information. Produce evaluations of “best practices” for OPEN Bulletin and other publications.

9. Provide input into renewable energy sections of Member and Non-member country policy reviews, and to scenario analyses, diversification studies, and environmental and other programs conducted by various offices of the Secretariat.

10. Manage the Secretariat’s support and administration for the International Technology Collaboration Agreements as Desk Officer. Provide timely notices of administrative rules and procedures. Manage and track reporting to and from Senior Committees. Maintain contact lists and reporting archives. Oversee and further develop internal and external web pages. Evaluate progress against quality metric. Participate at EXCO meetings, as appropriate (with REU team). Facilitate additional Membership in these Agreements.

The person we are looking for should have...

1. An advanced degree in science and technology, engineering or related field (preferably with a renewables or energy focus).

2. At least three years of experience, preferably in renewable energy.

3. A proven record of writing and reporting on complex issues evidenced by reports, publications or presentations on renewable energy matters. The ability to organise and analyse copious materials and data in a clear and well-structured manner.
Applications (in English or French) from nationals of OECD Member countries should quote reference EXD/HRM/VAC(2002)077 and be sent via our on-line application form on www.oecd.org (click on recruitment) by 23rd January 2003.

Only candidates selected for interview will be contacted.

For more information on OECD and our recruitment, please see www.oecd.org