# Consultant: Energy Data and Mapping Expert, WRI India

Program: Energy

Location: Bangalore, Karnataka, India

Position Type: Consultant full-time

Title: Consultant

**Institution Overview:**

WRI is a global research organization that spans more than 50 countries, with offices in the Brazil, China, Europe, India, Indonesia, Mexico, Turkey and the United States. Our more than 450 experts and staff work closely with leaders to turn big ideas into action to sustain our natural resources—the foundation of economic opportunity and human well-being.

WRI was recently voted the #1 Environmental Think Tank in the world and is consistently recommended by staff as one of the "most desired organizations to work for." In 2014, WRI was ranked one of the Top Workplaces by the Washington Post.

World Resources Institute India (WRII) is a wholly owned subsidiary of WRI established in India

As an Equal Opportunity Employer, it is WRI’s policy to recruit, hire, and provide opportunities for advancement in all job classifications without regard to race, color, religion, sex, national origin, age, citizenship, marital status, sexual orientation, gender identity, parental status, protected veteran status, or disability. WRI’s global agenda requires a staff that is diverse – with respect to race, gender, cultural, and international background. Foreign candidate needs to have a valid work permit for India. Diverse perspectives and experience enhance the way WRI selects and approaches issues, as well as the creativity and applicability of WRI's policy research and analysis.

**Position Overview:**

The World Resources Institute (WRI) seeks an Energy Data and Mapping Expert that has familiarity with collecting energy data in India and with online mapping tools. Over a six-month period, the expert will rely on public consultations, research and partnership building to develop a comprehensive dataset on energy. The expert will be based in WRI Bengaluru office, and will work with relevant WRI staff with mapping and data expertise.

WRI is a leader for environmental data tools and this position offers the opportunity to work with a diverse team of highly committed and driven individuals working to change the world. It involves working with high-profile and cutting-edge online data tools and requires a strong interest in innovation and the development of new ideas. The position will also require coordination and communication with governments and research organizations.

**Key Responsibilities:**

The Consultant will handle a limited number of project responsibilities for the energy team as are listed below.

* Conduct interviews and consultations with government stakeholders
* Explore databases and identify data sets for use in the project
* Support the development of summaries and concept notes for new data products
* Identify new data sets to provide a more holistic picture of the power sector
* Identify strategies for integrating new geospatial data sets
* Regular team check-ins. May require working beyond usual work hours
* Desk research to thoroughly understand relevant WRI data platforms
* Perform in-depth research on electricity sector data sources and methodologies
* Suggest new approaches to turn data into action
* Assess demand for specific modeling and mapping tools
* Create initial data visualizations and maps from the database
* Develop outreach strategy for the tool

Specific deliverables and milestones will be mutually discussed and agreed with the selected candidate.

**Qualifications**

* Degree in Environmental Science, Renewable Energy, GIS and Remote Sensing, Computer Science, Sustainability Science, Economics, Engineering or related. Masters preferred.
* Around 2-5 years’ experience in engaging with and mapping stakeholder.
* Familiarity with politics around energy and climate in India.
* Familiarity with online data visualization (mapping, dynamic graphs)
* Desire to innovate and ability to develop new concepts
* Experience identifying the relevant departments and points of contact at the center and state levels for data collection
* Skilled in collecting data, visiting the various departments.
* Knowledge of and Expertise in reviewing government databases, identifying gaps and identifying approaches to fill those gaps
* Understanding of key data issues (uncertainty, openness, licensing)
* Proficiency in Hindi and English (Proficiency in other Indian languages is desirable)
* Ability to work effectively both independently and as part of a team
* Commitment to WRI’s mission and values
* Optional: Experience with collaboration on GitHub
* Optional: Experience with statistical data analytics

**Salary and Benefits**

NA. This is a consulting contract with rates to be discussed during the interview

**Duration**

Consultant, 6 months.

**How to Apply :**

**Qualified applicants should apply online at**[www.wri.org/careers](http://www.wri.org/careers). All applications must be submitted online through this career portal in order to be formally considered. Only select applicants will be contacted for interview purpose.

**Finalized candidate will be required to take a writing/analytical test.**