

CALL FOR PROPOSAL

Research and Data Consultant for the Renewables 2024 Global Status Report

About REN21

REN21 is the only global community of renewable energy actors from science, governments, NGOs and industry. We provide up-to-date and peer-reviewed facts, figures and analysis of global developments in technology, policies and markets to decision makers. Our goal: encourage and enable them to shift to renewable energy – now. For more information, visit www.ren21.net.

Objective

REN21 is looking for a consultant(s) to act as a research and data analyst for the GSR 2024, who will work in close consultation with the REN21 Knowledge and Data Team (KDT).

Scope and Background of the Assignment

First released in 2005, REN21's *Renewables Global Status Report* (GSR) provides a comprehensive and timely overview of renewable energy market, industry, investment and policy developments worldwide. It enables policymakers, industry, investors and civil society to make informed decisions. The *Renewables Global Status Report* relies on up-to-date renewable energy data provided by an international network of hundreds of contributors, researchers, and authors. It is the most-referenced document on renewables worldwide. (For the latest edition of the GSR, see www.ren21.net/gsr.)

GSR 2024: Structure and Timeline

The *Renewables Global Status Report* is shifting to now become the *Renewables Global Status Report* collection. Its essence, as a summary report remains the same, but now the report will have a renewed structure. The *Renewables Global Status Report* collection will be divided into a sequence of modules published throughout the year including:

- (1) Global Overview
- (2) Renewables in Energy Demand: Agriculture, Buildings, Industry, Transport
- (3) Renewables in Energy Supply
- (4) Energy Systems and Infrastructure for Renewables
- (5) Renewables for Economic and Social Value Creation

1. Module: Global Overview Narrative	October – March
2. Module: Status of Renewables in energy Demand <ol style="list-style-type: none">a. Agricultureb. Industry	October – April

c. Buildings d. Transport	
3. Module: Status of Renewables in Energy Supply (Power, direct heat and fuels) 4. Module: Systems Infrastructure for renewables	November – May
5. Module: Economic and Social Value Creation with Renewables	December – September

Each module will cover targets and policies, finance and investment as well as market developments and trends focused on each sector. The content of the GSR 2024 will be based primarily on data from 2023 (or, if unavailable, the newest accessible data). Each module will have an executive summary and if relevant, supplementary sidebars, tables and notes. (For more information on how the GSR is changing/evolving, stay tuned for updates on the REN21 website.)

We are keeping the broad-spectrum sectoral and topical content of the Global Status Report which you know and are continuously contributing to. A Global Overview overarching module will describe and link the different modules to bring the overall vision of the global status of renewable deployment and trends. In addition to this you will find target and policy data, as well as investment and market development information in each module. As we have done in the past, there will be a separate document that contains a summary for policy makers on highlights of the GSR collection.

Background of the Assignment

REN21 is looking for a consultant to support the REN21 Secretariat in research and data management for REN21’s work on the *Renewables 2024 Global Status Report*. The consultant will work in close consultation with the REN21 Knowledge and Data Team. The assignment is expected to take place between October 2023 and July 2024. The contractor will be expected to work up to **30 days** over that period. Depending on performance and emerging requirements, this contract can be extended.

Description of Required Deliverables and Qualifications

The consultant will support the REN21 Secretariat in providing research, data collection, data cleaning and data analysis services to produce the 2024 edition of the *Renewables Global Status Report*. Specifically, the consultant is expected to fulfil the following tasks:

- **REN21 research and data support:**
 1. Undertake the update of REN21 database for 2024 based on the existing data collection, storing and cleaning process. Updating the existing Python code to integrate the raw IEA (International Energy Agency) data released in 2023 – which includes the Extended World Energy Balances data from 2021.
 2. Support the REN21 team in developing a comprehensive documentation for the existing Python code and research methodology.
 3. Ensuring the RENWeB tool runs smoothly for all key users.

4. Support the REN21 team in improving result files with contents and outcomes defined in collaboration with the GSR team.

Qualification requirements of contractor

- Proven track record of knowledge about the renewable energy sector.
- Related work experience.
- Proficiency with programming languages such as Python (including specific packages such as: NumPy, Pandas, Matplotlib and Seaborn) along with knowledge of databases, classes, functions and objects.
- Proficiency in English.
- Openness to the collaborative nature of the project

Proposal Requirements

The submission should include:

- A detailed resume of prospective author(s), highlighting related work experience.
- The contractor's specific interest in the project.
- An overview of written reports covering similar scope and focus.
- Indication of time availability between beginning October 2023 and end of July 2024.
- Proposed daily rate for carrying out the work.
- VAT rate or note that explains why VAT is not applicable.

Key Selection Criteria

- Cost of the offer – 30%
- Quality of the offer – 70%
 - Relevant experience and references (80%)
 - Availability and Flexibility (10%)
 - Relevant Certification or Academic Background (10%)

Tentative Payment Schedule

Deliverables	Payment	Date
Deliverable 1: Documentation outline and new data result file structure proposal	30%	November 2023
Deliverable 2: New data result files and raw	30%	February/March 2024

data integration		
Deliverable 3: Final documentation, RENWeB integration for key users and debugging	40%	June 2024

Proposals should be addressed to: secretariat@ren21.net. Please mention “CFP – GSR 2023 Research and Data Consultant” in the subject line.

The **deadline date** for receipt of proposals is **8 October 2023, 23:00 (CEST)**. Proposals will be reviewed on a rolling basis. Only short-listed candidates will be contacted.