

CALL for PROPOSALS

Renewable Energy System Infrastructure module authorship for the Renewables 2023 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 module author for GSR 2023, who will work in close consultation with the REN21 Knowledge and Data Team (KDT).

Scope and Background of the Assignment

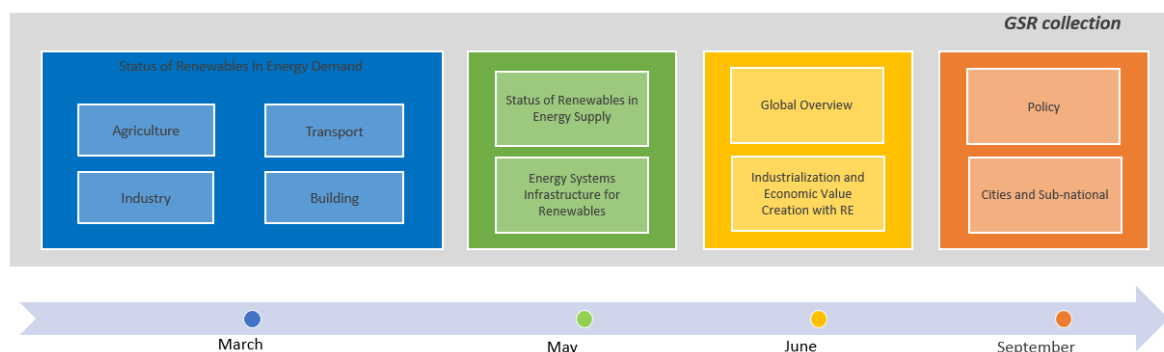
First released in 2005, REN21's *Renewables Global Status Report* (GSR) provides a comprehensive and timely overview of renewable energy market, industry, investment and policy developments worldwide. It enables policymakers, industry, investors and civil society to make informed decisions. The *Renewables 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 2023: Discover the new design and structure

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. This call for proposal covers the **bolded** module shown below:

- (1) Global Overview
- (2) Status of Renewables in Energy Demand: Agriculture in Focus
- (3) Status of Renewables in Energy Demand: Buildings in Focus
- (4) Status of Renewables in Energy Demand: Industry in Focus
- (5) Status of Renewables in Energy Demand: Transport in Focus
- (6) Status of Renewables in Energy Supply
- (7) Energy Systems Infrastructure for Renewables**
- (8) Industrialisation and local value creation with Renewables
- (9) Special feature: Cities in Focus
- (10) Special feature: Policies in Focus

GSR Collection Structure and Timeline



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 2023 will be based primarily on data from 2022 (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

The GSR has previously covered the topic of **‘energy systems integration’** from the perspective of integrating variable renewable energy into electricity systems, as well as heating/transport systems. GSR 2022 has departed from this former concept and produced a chapter on energy systems based on high shares of renewable energy. This distinction means that the focus is no longer on how renewables are being integrated into existing energy systems, but how existing energy systems are being transformed or new energy systems designed so that high shares of renewables are technically and economically possible. **Thus, the focus of the module starting last year is on the status towards achieving renewables-based energy systems.** This module will be focused on latest updates in 2022 rather than a comprehensive view of energy systems.

The high-level structure of the **Energy Systems Infrastructure for Renewables** module will include the following chapters:

Energy Systems Infrastructure for Renewables

- Module Overview (Introduction and framing)
- *Targets and Policies (to be discussed with the Secretariat)*
- *Investment (to be discussed with the Secretariat)*

- Market developments
- Case studies (to ensure geographical coverage)

The topics of targets and policies as well as investment and finance, can be included in the assignment based on the author's ability to cover these topics and is to be discussed with the Secretariat.

Among the topics to be included in the module, the Secretariat has identified the following:

- Energy infrastructure (electricity transmission and distribution grids, district energy networks, (renewable) gas networks),
- Energy storage (batteries, hydrogen, thermal energy storage),
- Energy Efficiency,
- Digitalisation of energy systems,
- Electrification of heating and transport,
- Flexibility,
- Demand Side Management,
- Targets and policies to support further integration,
- Finance and investments and
- Market developments and trends

The responsibilities of the contractor are described in the sections that follow.

Description of Required Tasks

The contractor will support the REN21 Secretariat in conducting research for the 2023 edition of the *Renewables Global Status Report* and authoring the module.

- Expected number of working days: between eight (8) to ten days (10).
- Expected module length between 2,000 and 3,000 words depending on the agreed scope with the Secretariat.

Authorship of module

- Prepare module outline, including list of figures and relevant tables, if applicable;
- Review data collected and provided by the Secretariat, critically evaluate indicators, and propose new indicators;
- Undertake research / collect data as necessary to:
 - Draw relevant information from the contributions collected by the REN21 Secretariat from country/regional, technology, and topical contributors; follow up with contributors as necessary to close data gaps
 - Complement available information through desk research and interviews with experts
- Author module
- Incorporate comments following peer reviews (detailed outline and full draft)
- Produce related figures and tables
 - Critically review figures & tables from the previous edition of the GSR;

- The contractor may propose and develop new figures and tables relevant to the module that help illustrate the status of renewable energy and important trends. Changes and additions should be discussed with the Knowledge and Data Team, Special Advisors, and the co-author(s) (if any);
 - Provide data and close data gaps for relevant figures, tables, and reference tables for selected indicators
- Review module in layout to check for errors, inconsistencies in data and messaging, etc.
 - Ensure that references/citations are provided for all statistics and other information/data and noted in full as endnotes. All references will be included in the final report.
 - All references must be produced using [Zotero/Mendeley](#), following ‘Chicago- style 17th edition full endnotes without ibid’. Referencing for all information will be done in accordance with REN21’s authoring guidelines which will be shared with the author.

Other Authorship tasks

- Communication and occasional meetings with Knowledge and Data Team, Special Advisors and Topical authors;
- Review contributor database, data contributions, etc.;
- Review of report back matter, if needed (glossary, methodological note, etc.);
- Provide a detailed list of contributors (who provided data and information) for inclusion in the Acknowledgment section.
- Consult and collaborate closely with the Knowledge and Data Team on report preparation and incorporation of comments received during the peer review process;
- Make available all relevant background information and data to REN21.

Qualification requirements of contractor

- Proven track record of knowledge about the renewable energy sector, in particular topics relevant to the module
- Capacity to conduct high quality research and ability to write coherently following GSR style
- Related work experience
- Proficiency in English
- Openness to the collaborative nature of the project

GSR Collection Tentative Project Timeline

Systems Infrastructure Module

What	By When (tentative)
Outline preparation	November 2022
Peer review outline	End-November – December 2022
Data Collection & Authoring	November 2022 – March 2023
Peer review full draft	End-March – April 2023
Editing and design	April – early May 2023
Launch	Mid-May 2023

Deliverables

What	By when	Est. No. of days
Outline (list of bullet points)	23 November 2022	1 day
First draft	3 March 2023	3 to 5 days
Peer review draft	22 March 2023	1 days
First draft of figures	22 March – 5 April 2023	1 day
Integrating PR comments and finalising draft	21 April 2023	1 days
Final figures	21 April 2023	½ day
Integrating editor's comments and finalising section	24-28 April 2023	½ day

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.
- A writing sample that illustrates the contractor's knowledge of the renewable energy field and the specific module in question. This should include a brief proposed outline of the module.
- 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%
 - Writing Sample (30%)
 - Relevant experience and references (60%)
 - Flexibility and timeline – (10%)

REN21 will pay 30% of the contractor's fee at contract signature and the second 70% payment once the final deliverable is validated by the REN21 secretariat.

Proposals should be addressed to: secretariat@ren21.net. Please mention "CFP – Energy Systems Infrastructure _Authorship – contractors name" in the subject line.

The **deadline date** for receipt of proposals is **9 October 2022, 23:00 (CEST)**.

Only short-listed candidates will be contacted.