

Terms of Reference (ToR): Consultant – Solar PV and Battery Waste Management

Publication Date	03-03-2026
Application Closing Date	17-03-2026
Title	Consultant – Solar PV and Battery Waste Management
Grade	Long Term Consultant
Duration of Appointment	One year, with the possibility of extension based on performance and ISA Requirement.
Duty Station	ISA Headquarters in Gurgaon, India
Expected Date of joining	As soon as possible
Web-link	https://isa.int/career

We are at the cusp of creating history through steering the globe out of its fossil fuel dependency! Are you able demonstrate quality through an evidence-based analysis on institutional mechanisms for advancing development of markets for renewables? Then please read on... ISA is looking for professionals with a 'Can do' attitude, who are skilled, proficient, and competent, can contribute, strive, thrive and excel with the organization.

1. Your New Organization

The International Solar Alliance (ISA) is an intergovernmental organization of 125 Member Countries working to accelerate the deployment of solar energy to achieve universal energy access, energy security, and a sustainable, low-carbon future. Co-founded by India and France under the Paris Agreement, ISA serves as a platform for cooperation among solar rich nations to mobilize investments, build capacity, and promote innovation in solar energy deployment across the Global South. Its mission is to unlock solar investments by 2030, while reducing technology and financing costs. Through initiatives across agriculture, health, transport, and power generation, ISA Member Countries are driving change by shaping policies, sharing best practices, setting standards, and mobilising investments.

2. About the program

The International Solar Alliance (ISA) is implementing Programme 8 – Solar PV and Battery Waste Management to support its Member Countries in addressing the growing challenge of end-of-life (EoL) management of solar photovoltaic (PV) and battery storage systems. The programme promotes safe, environmentally sound, and economically viable approaches for collection, recycling, repurposing, and disposal, aligned with circular economy principles.

In line with this objective, ISA launched SUNRISE – Solar Upcycling Network for Recycling Innovation and Stakeholder Engagement at the ISA Assembly 2025 as a global platform to convene stakeholders, share best practices, and accelerate collaboration on solar and battery waste management. ISA is currently operationalising SUNRISE as a key delivery mechanism under Programme 8, including the establishment and long-term sustenance of a SUNRISE Community of Practice (CoP). To support Programme 8 implementation and the operationalisation of SUNRISE, ISA seeks to engage a Consultant – Solar PV and Battery Waste Management.

3. Objective of the Assignment

The objective of this assignment is to provide technical, analytical, and coordination support to ISA's Programme 8 activities, with a specific responsibility for operationalising and sustaining the SUNRISE platform and its Community of Practice. The consultant will support knowledge development, stakeholder engagement, policy inputs, and programme delivery across Member Countries, working in a fast-paced, multi-stakeholder environment.

4. Scope of Work

The consultant will support Programme 8 and SUNRISE across the following areas:

A. Technical & Analytical Support

- Provide technical inputs on e-waste management, recycling systems, repurposing, refurbishment, and repowering of electronic or semiconductor goods, with relevance to solar PV modules and battery storage systems.
- Support assessments of waste management frameworks, recycling capacities, and technology readiness in Member Countries.
- Contribute to technical notes, analytical briefs, and background papers related to solar PV and battery waste management and circular economy approaches.

B. Operationalisation of SUNRISE & Community of Practice

- Support the operationalisation of the SUNRISE platform, ensuring it functions as an effective coordination and knowledge-sharing mechanism under Programme 8.
- Lead the development, management, and long-term sustenance of the SUNRISE Community of Practice, including:
 - Stakeholder on boarding and engagement
 - Coordination of expert interactions and thematic discussions
 - Documentation of outcomes and best practices
- Support organisation of roundtables, consultations, and working group meetings under SUNRISE.
- Serve as a focal point for coordination between ISA, SUNRISE stakeholders, and partner organisations.

C. Stakeholder Engagement & Coordination

- Conduct stakeholder mapping across the solar and battery value chain, including manufacturers, recyclers, waste handlers, regulators, financiers, and technology providers.
- Engage with government agencies, private sector stakeholders, recyclers, industry associations, and international partners to support programme objectives.
- Translate stakeholder inputs into actionable technical and policy recommendations.

D. Knowledge Products & Programme Support

- Support development and delivery of knowledge products, including reports, guidelines, toolkits, case studies, and best-practice repositories related to solar PV and battery waste management.
- Contribute to technical materials, presentations, and session content for ISA-led engagements at regional and global platforms.
- Support documentation, reporting, and progress tracking for Programme 8 and SUNRISE activities.

E. Internal Coordination & Delivery Support

- Support ISA teams in planning, coordination, monitoring, and reporting of Programme 8 activities.
- Assist in preparation of concept notes, technical briefs, and partner engagement materials.
- Provide timely inputs across multiple parallel workstreams, adapting to evolving priorities and deadlines.

5. Required Qualifications and Experience

Only those individuals who fulfil the following qualifying criteria are eligible to respond.

Essential:

- Master's/PhD degree in Solar Energy, Environmental Engineering, Sustainability, Renewable Energy, Circular Economy, Energy Policy, or a related field from a recognised Institute or university with five years of work experience.
- Previous experience in solar PV and/or battery waste management, recycling, refurbishment, or repowering of electronic goods is must.
- Demonstrated experience in stakeholder engagement is mandatory, including working with government bodies, private sector entities, recyclers, industry associations, or international organisations. Experience working in intergovernmental, multilateral, or development programmes is an advantage.
- Excellent writing, communication, and presentation skills in English, with the ability to simplify complex concepts for diverse audiences—from technical experts to senior policymakers.

6. Key Skills to thrive in the role

- Ability to work effectively in a fast-paced, multi-tasking environment.
- Strong coordination and facilitation skills, particularly for Communities of Practice and multi-stakeholder platforms.
- Excellent drafting, communication, and presentation abilities in English.
- Capacity to work independently while collaborating effectively with diverse teams.
- Adaptability and agility to respond to evolving technologies and priorities.
- Strong organisational and work-planning skills to ensure timely delivery.

7. Reporting & Supervision

The consultant will work under the supervision of the Lead- Programme 8 – Solar PV and Battery Waste Management, ISA Secretariat, and will coordinate closely with relevant internal teams and SUNRISE stakeholders.

8. Deadline

All applicants are requested to send their applications along with the latest CV and cover letter mentioning last drawn salary or consulting fee and answer to the following question:

“If tasked with operationalizing a Solar PV Waste Management Community of Practice across multiple countries, how would you structure working groups (e.g., policy, recycling tech, financing, standards)? What would be your first 90-day priorities?”

and submit to careers.isa@talenttribeconsulting.com on or before 12 midnight (IST) of Date 17th of March,2026.

At ISA, we value a diverse, inclusive workforce and provide an equal employment opportunity for all our employees and applicants. We will consider all qualified applicants without regarding an individual’s race, color, gender/gender expression/orientation, and religion.

ISA seeks to obtain and retain a staff reflecting its geographical representation and diversity and as such, primarily prefers and recruits staff from its member countries.

ISA maintains a retirement age of 65 years.

For more details about our policies and practices you can refer to our website International Solar Alliance (isa.int)

**** Submission of experience letters, references, Salary Slip / documentation of last drawn salary/ compensation/ consulting fee, & other relevant documents required on selection.***