

Certified Online Trainings for Capacity Building (Senegal, PNG, Bhutan)

Organized by: International Solar Alliance (ISA)

Partners: IT Power Pvt. Ltd., Global Sustainable Energy Solutions India Pvt. Ltd., UNIDO, Government of France

Mode: Virtual (Microsoft Teams & Moodle) | **Duration:** 2 days per country | **Period:** May–June 2025

Objective of the Training

The primary goal was to build the technical and institutional capacity of policymakers and decision-makers in Senegal, Papua New Guinea (PNG), and Bhutan through structured, interactive online training on solar energy technologies, financing, policy, and implementation. These sessions aimed to accelerate clean energy adoption and strengthen the ability of national institutions to design and implement effective solar energy programs.

Training Timeline

Senegal: 14th & 15th May 2025

Bhutan: 21st & 22nd May 2025

Papua New Guinea: 4th and 5th June 2025

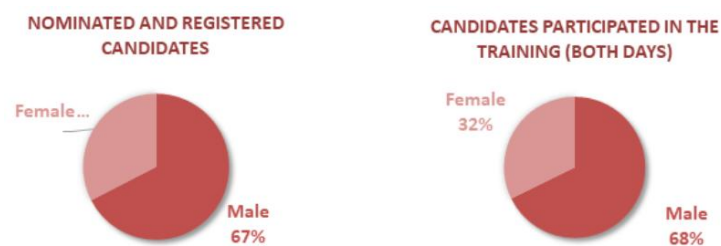
Training Topics Covered

- **Common Core Topics Across All Countries:**
 - Global energy transition and solar adoption (Paris Agreement, SDGs)
 - Solar energy fundamentals and technology types (PV, Thermal)
 - Financial analysis and economic impact assessment
 - Gender equality and social inclusion in energy access
- **Country-Specific Highlights:**
 - **Senegal:** Solar thermal systems, PV pumping, Agri-PV systems, mini-grids with battery banks
 - **Papua New Guinea:** Waste disposal and circular economy for PV & batteries, PNG national technical standards
 - **Bhutan:** Electric mobility and charging infrastructure, grid integration with hydro-dominated systems, performance monitoring of PV systems

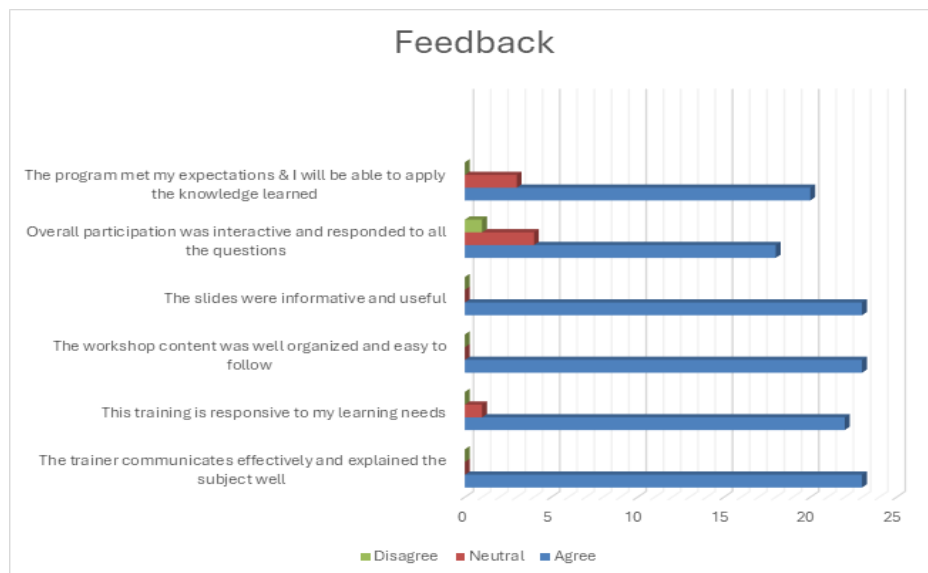
Training Insights

- **Senegal:**

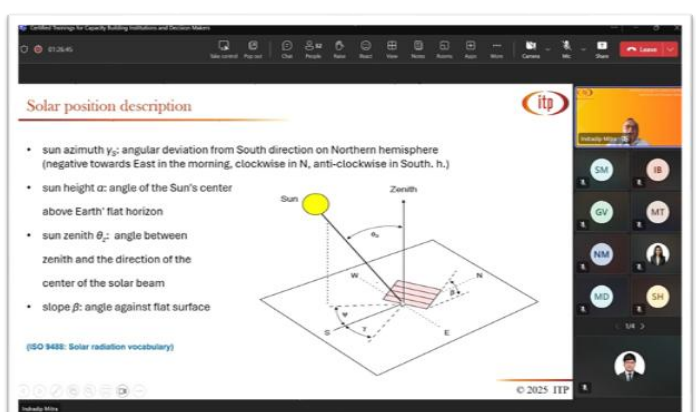
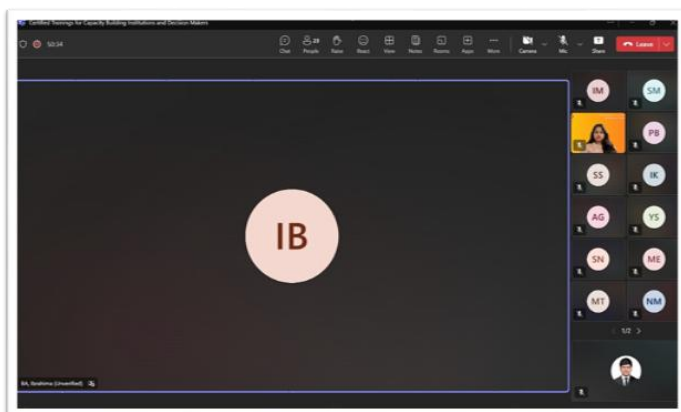
- Registered: 43 (Male: 29, Female: 14)
- Attended Both Days: 31 (Male: 21, Female: 10)
- Feedback Submitted: 24 | Certificates Downloaded: 24 (till 18.06.2025)

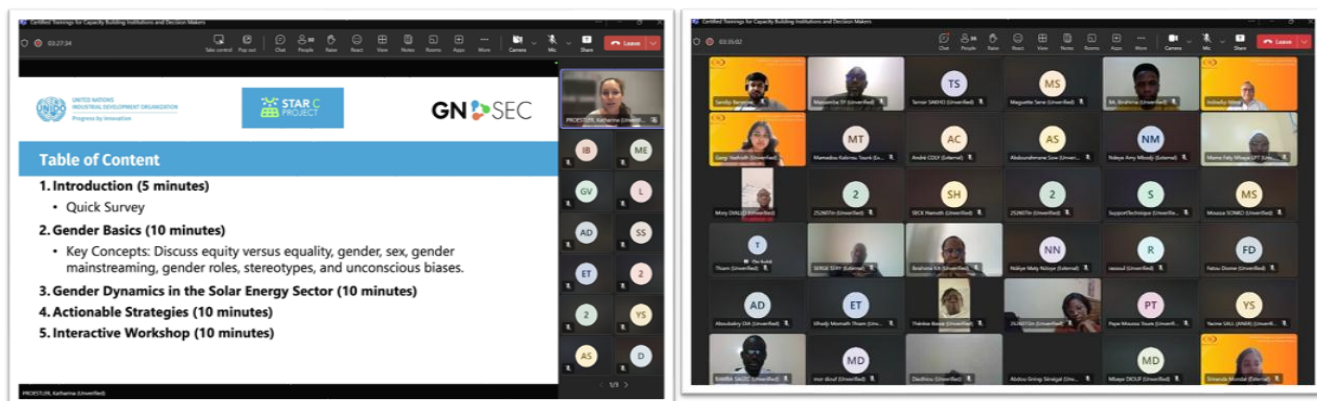


Gender Distribution of Registered and Participating Candidates



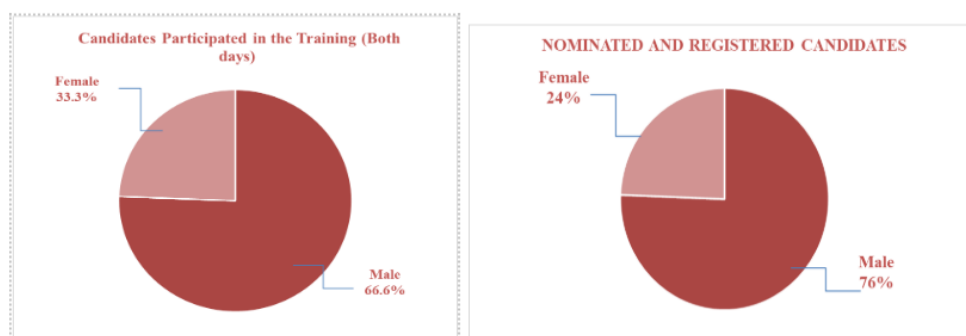
Feedback from Participants



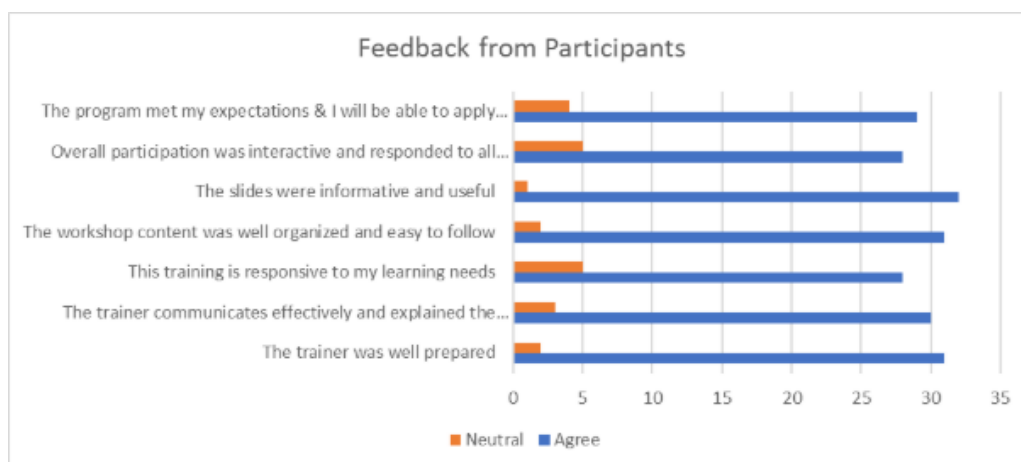


Papua New Guinea (PNG):

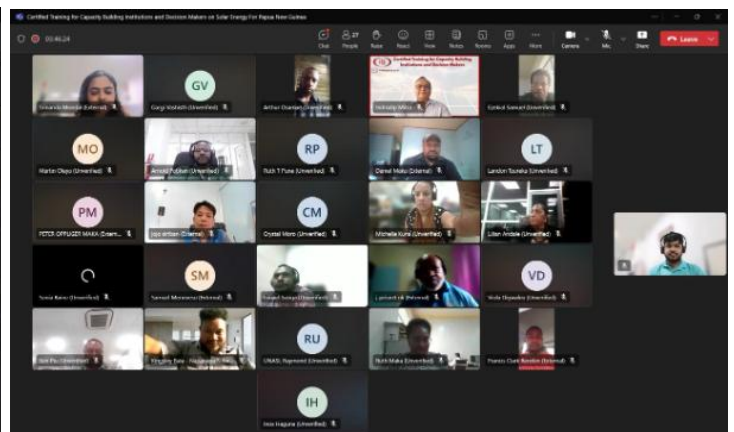
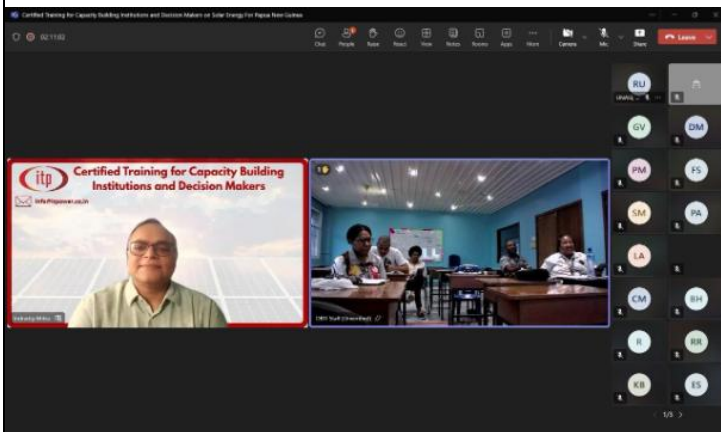
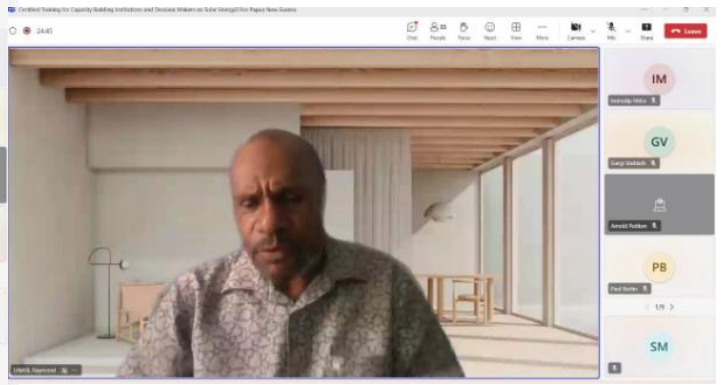
- Registered: 41 (Male: 31, Female: 10)
- Attended Both Days: 30 (Male: 20, Female: 10)
- Feedback Submitted: 34 | Certificates Downloaded: 30 (till 18.06.2025)



Gender Distribution of Registered and Participating Candidates

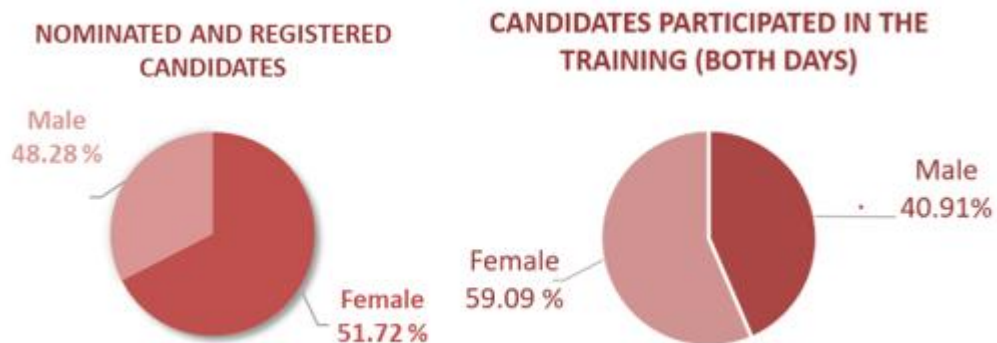


Feedback from Participant



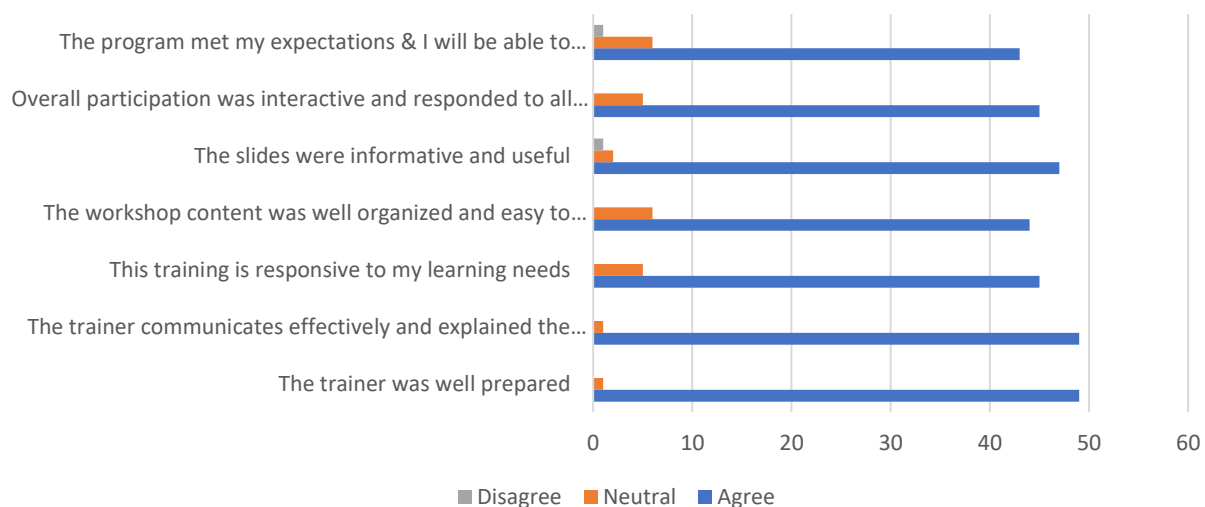
• Bhutan:

- Registered: 58 (Male: 28, Female: 30)
- Attended Both Days: 44 (Male: 18, Female: 26)
- Feedback Submitted: 50 | Certificates Downloaded: 47 (till 18.06.2025)

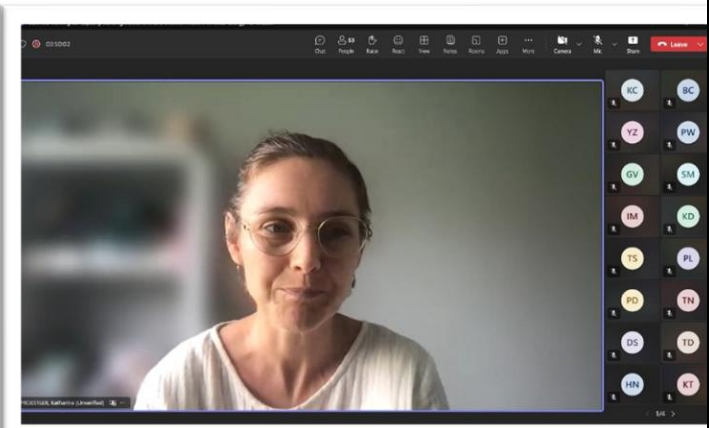
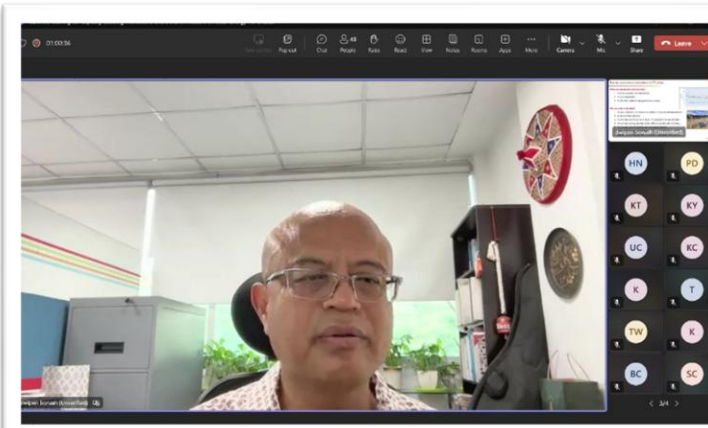
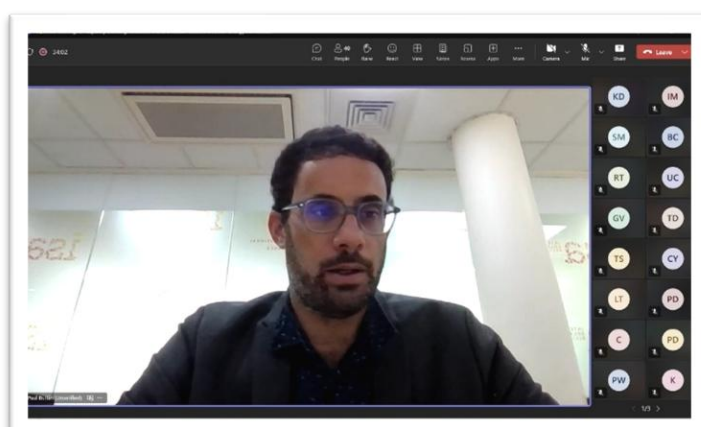


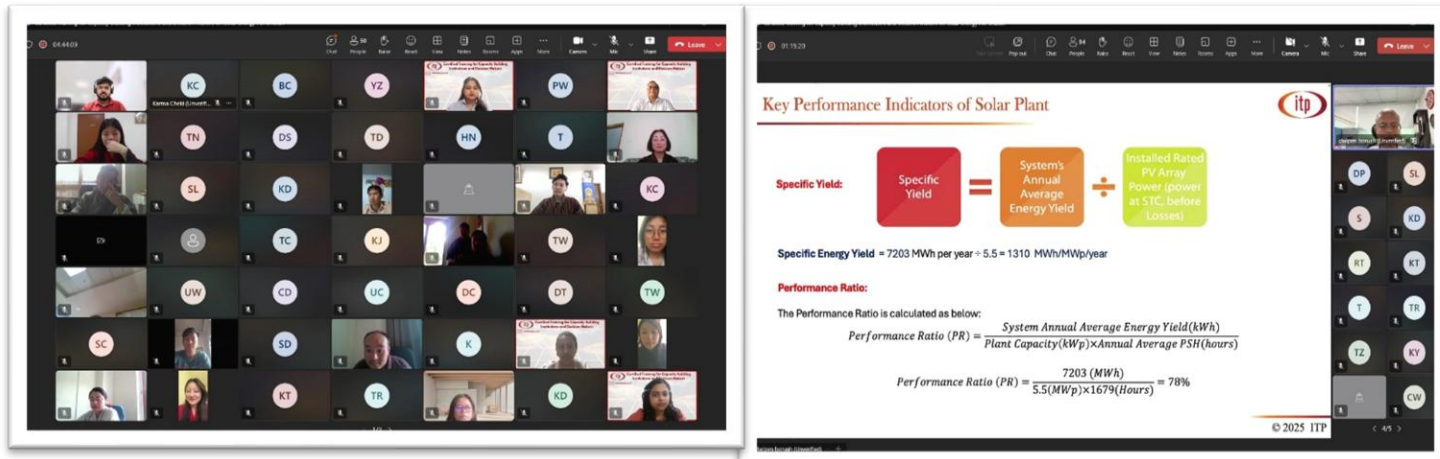
Gender Distribution of Registered and Participating Candidates

Feedback from Participants



Feedback from Participants





Conclusion

These ISA-led online trainings successfully enhanced the knowledge base of key decision-makers in the three countries, reflecting strong commitment and engagement across genders and institutions. Each training adapted content to country-specific needs—such as grid integration for Bhutan, waste management for PNG, and agricultural applications in Senegal—while maintaining a consistent foundation of solar fundamentals and policy analysis. High attendance rates (over 70%) and active Moodle engagement demonstrate the effectiveness of the virtual model. These sessions have laid the groundwork for accelerating solar deployment, advancing gender-inclusive policy, and achieving Sustainable Development Goals (SDG 7: Clean Energy, SDG 8: Decent Work, and SDG 13: Climate Action). Continued capacity building will be essential to sustain this momentum and transform knowledge into national action.