

Lighting Global Quality Assurance

IEC ADOPTION OF QUALITY STANDARDS



STRENGTHENING OUR COLLABORATION

10 JUNE 2019

WEBINAR GUIDANCE

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Webinar Goals and Topics

GOALS

- Understand timeline & impact of IEC standards adoption
- Know where to go for resources and support
- Strengthen collaboration

AGENDA

- IEC adoption of Quality Standards
- Significance of transitioning standards to IEC
- Available resources
- Discussion

Transferring the Quality Standards to IEC



- Lighting Global Quality Standards submitted to IEC as **IEC TS 62257-13-1** Covers pico-PV and SHS kits up to and including 350 Wp
- IEC currently revising the document to address comments received
- LGQA working with stakeholders to consider strengthened requirements
 - PV module safety
 - Battery safety
 - Additional labeling and performance reporting
- Standards to be resubmitted for review and vote process
Expected to be completed October 2019
- **Final publication expected by the end of 2019**

So what's the big deal?



Streamlined standards adoption process

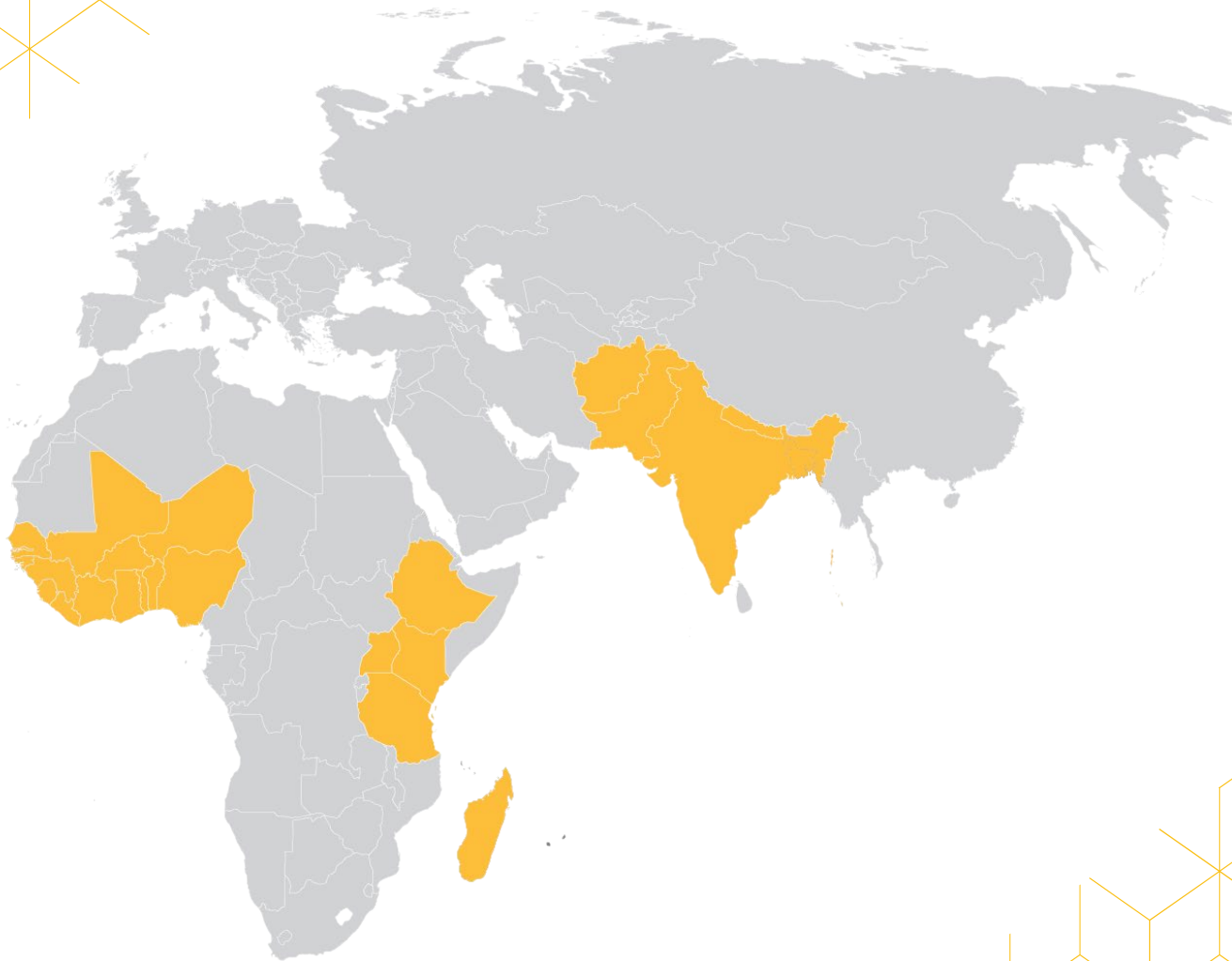
- Increased willingness to adopt IEC standard: Perceived as low risk
- Standards bureaus are familiar with adoption of IEC standards

Increased awareness and interest in the standards

- Countries with existing national pico-PV standards
 - Update pico-PV standards
 - Adopt SHS kit standards
- Additional countries & regional bodies likely to pursue adoption of harmonized standards for pico-PV and SHS kits
- More development organizations & energy access programs expected to reference quality standards

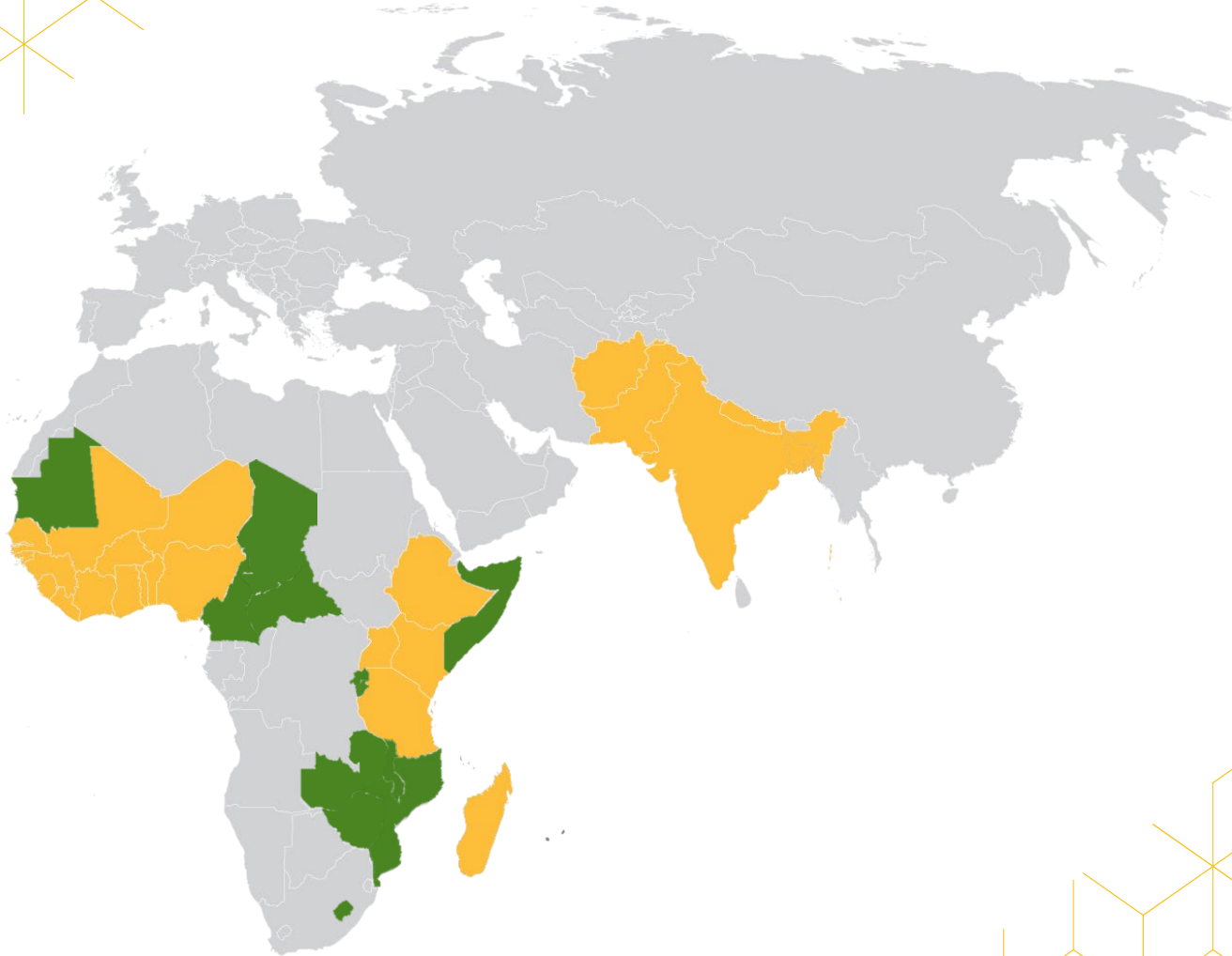
Standard-Setting Activity for Off-Grid Solar Products

National governments and regional groups with large markets for pico-PV and SHS kits are pursuing quality standards aligned with Lighting Global Quality Assurance.



Increased Interest in Quality Standards

More countries and regional bodies are expected to pursue adoption of IEC standards.
Energy access programs are increasing support for quality assurance activities.



How will this affect our work?

Need for increased outreach & coordination

- Public Sector (national and regional levels)
- Private sector
- WBG staff & consultants
- Development organizations & energy access programs

Need for broader QA engagement

- Early adopters updating pico-PV standards, adopting SHS kit standards & developing implementation framework
- New entrants seeking full support
- Increased number and diversity of stakeholders referencing standards

Need to adjust our strategy

- Lighter-touch support likely required for standards adoption
- Higher level of effort required for standards implementation
- Resource-efficient engagement with diverse set of actors





Transition to IEC Standards: Opportunities & Risks



OPPORTUNITIES

- Increased standards harmonization
- Increased demand for high-quality products, leading to more companies with quality-verified products
- Stepping stone towards harmonization of related standards
- Increased engagement with related sectors and actors

RISKS

- Inappropriate implementation at national and/or regional levels
- Lack of resources & capacity to support diverse set of stakeholders
- Lack of coordination among an increasing number of stakeholders involved in QA for off-grid energy

**Close coordination between WBG and LGQA
needed to leverage opportunities and mitigate risks**

Resources for Practitioners



QA Team

- Remote technical & policy support
- Direct engagement with public & private sectors, development partners
- Capacity building activities

QA Practitioners Resource Page

<https://www.lightingglobal.org/practitioners-resources/>

Password: LGQA2019

- Events – recordings, slides, supporting documents
- Policy database
- QA framework reference materials
- Guidance documents
 - Governments & Institutions
 - Procurement
 - Standards compliance

Group Discussion

We want to hear from you



- Questions/concerns about IEC standards
- How to leverage opportunities
- Potential risks & mitigation strategies
- How to better engage with stakeholders
- How the QA Team can better support you
- How we can improve our collaboration

THANK YOU!



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