



Forum on Regional Cooperation: Developing Quality Infrastructure for Photovoltaic Energy Generation

Results of the Survey: A closer view to the regional QI situation

JOINTLY ORGANIZED BY

QUALITY INFRASTRUCTURE FOR ENERGY EFFICIENCY & RENEWABLE ENERGY IN LATIN AMERICA AND THE CARIBBEAN



AND



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WITH THE CONTRIBUTION FROM:





30 answers



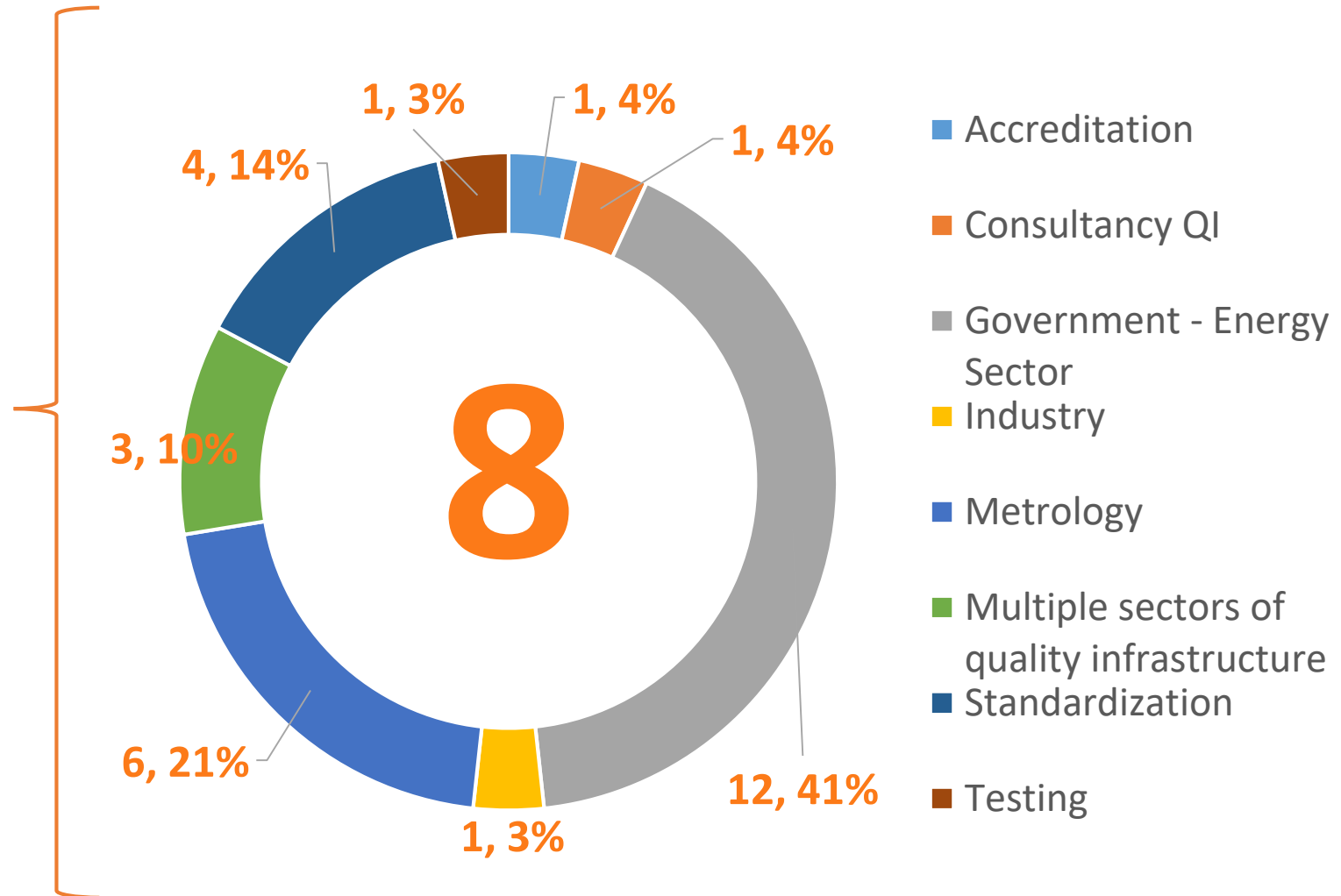
8 different sectors



17 Countries

- 15 from Latam

Antigua
Argentina
Barbados
Brazil
Chile
Colombia
Costa Rica
Cuba
Ecuador
El Salvador
Germany
Jamaica
Mexico
Dominican Republic
Switzerland
Trinidad & Tobago
Uruguay

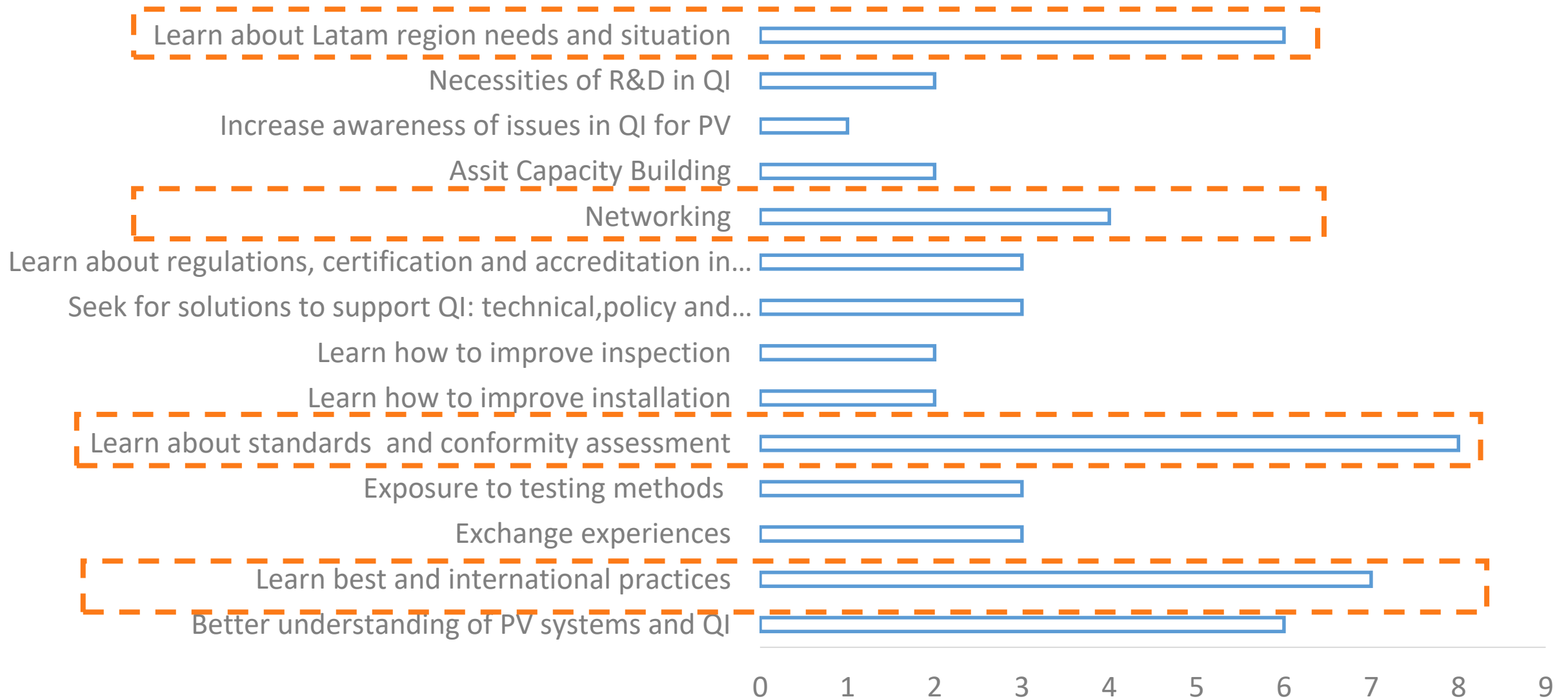


Policies in Solar PV

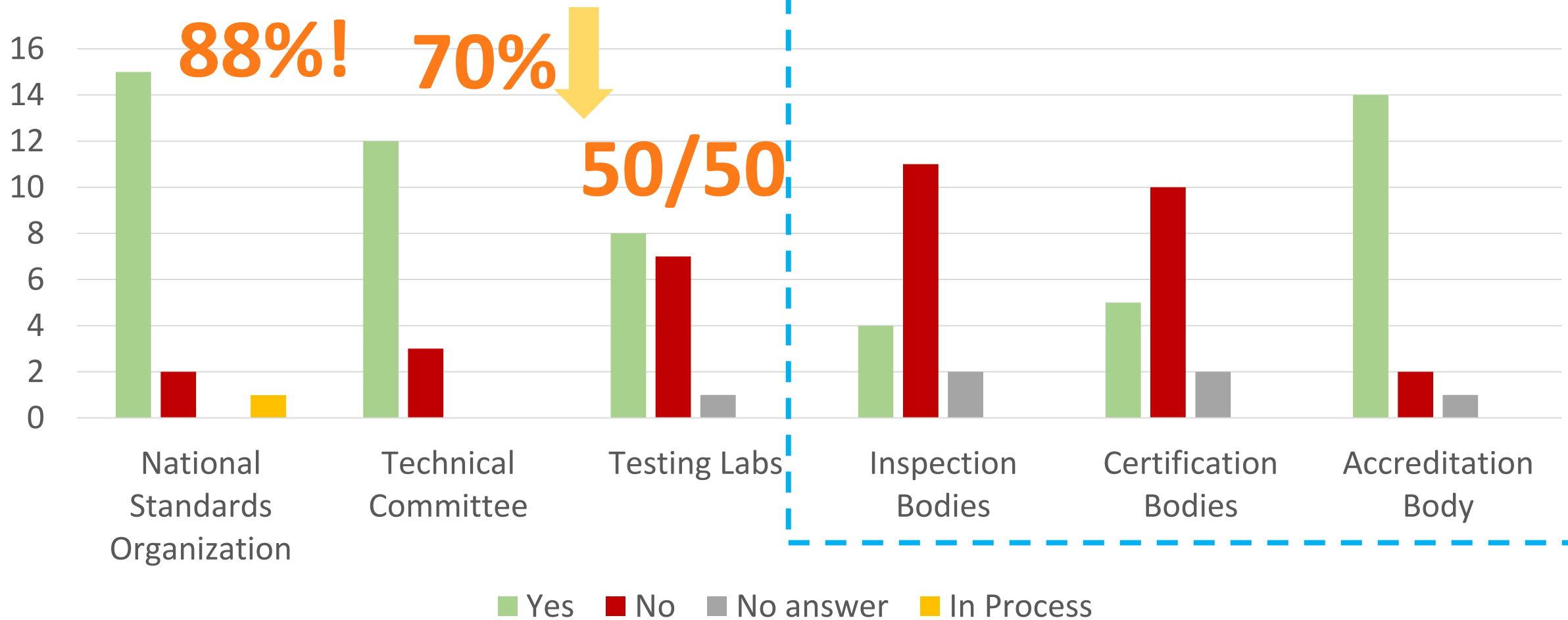
Does your country have policies in place to promote the use of photovoltaic systems?

Yes, in the different
17 countries

Expectations from the Forum

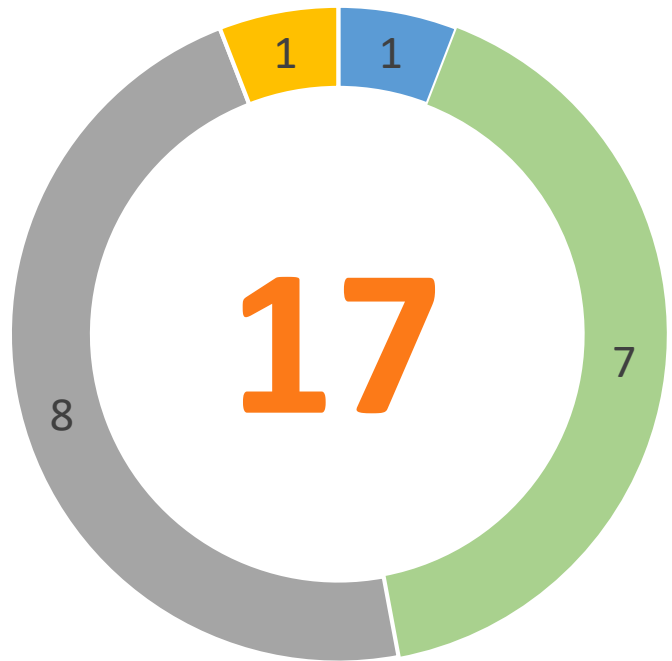


QI: the current situation



Metrology? Yes, in the 17 countries

Many successful experiences to share today



- Accreditation
- Standardization
- Multiple
- Metrology

- Bureau of Standards currently hosts a **team on industry stakeholders** who work on a committee to develop standards for solar PV” - *Jamaica*
- “Study national perspective of the operational conditions of the PV plants (**types and rates of failures**)” - *Chile*
- “ The 2017 edition of the **National Electrical Code** (National Regulations) with a photovoltaic chapter fully updated according to IEC standards.” - *Cuba*
- “**Development of testing** methods for panels leading to certification” - *Colombia*

The challenges you mentioned



No local laboratory for
verification of
certification

High cost of
establishing the testing
infrastructure

Need for National
Accreditation Body
which is internationally
recognized

Traceability to the
measurement of
reference solar cells

Develop appropriate
conformity assessment

Study of penetration of
VRE

Certification program
for installers

Lack of Inspection
Bodies

Adapt International
Standards



Actions you proposed!

Alignment
of policies
to QI

Database of
solar PVs
tested and
approved

Assure
traceability of
measurements

Testing according
international standards
and best practices

Conformity
assessment
regimes

Master
plan 100%
renewable
energy

Conformity
assessment
according to the
region

Regional labs

Capacity
Building

Installation
of accredited
laboratories

Assure safe
installations

Interconnection

Regional
Experts
Network

Thank you & have a successful workshop

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