

Introduction on Breakout Session

Feb.25,2015
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Outline:

1:40–3:30 - Breakout Discussion

**GROUP 1 Breakout Discussion: QMS Audit
(Factory Inspection) and QMS Rating**

**GROUP 2 Breakout Discussion: Climate-Specific
Rating**

**Participants will be divided into two topic
groups, Group1 and Group 2, by your interest.**

**4–4:20 p.m. Breakout Session Wrap-Up *Each breakout
session team***

**4:20–5 p.m. Report of Breakout Session
—*Breakout session chairs***

GROUP 1 Breakout Discussion: QMS Audit (Factory Inspection) and QMS Rating

**—Moderators: Govind Ramu, (SunPower) and
Jenya Meydbray (DNV GL)**

This Group will discuss issues for effective implementation of the IEC TS62941 Guideline for Manufacturing QA, currently under development, including clarification of requirements and audit practices by a test lab/accreditation body. This group will also cover philosophical questions on the need for QMS ratings and desirable QMS rating systems.

❑ Feedback from test lab (accreditation body) and module manufacturers

- Audit of JIS8901 Certification—Yasunori Uchida, JET
- DNV GL Product Qualification Program
—Jenya Meydbray, DNV GL
- TUV-Rheinland QMS Audit Program
—Matthias Heinze, TUV Rheinland PTL

❑ Open Discussion

- Are there questions about the proposal for IEC TS62941 and the need for an international QMS standard?
- -How should IEC TS62941 be implemented—audit in factory inspection, checklist, training and certification of auditors, certification process, or other method?
- Should a comparative QMS rating system differentiate companies and products according to the product quality?

GROUP 2 Breakout Discussion: Climate-Specific Rating

—Moderators: John Wohlgemuth and Chris Flueckiger

IEC82/766/NP 62892-1 provides a framework for climate-specific rating; however, details of tests, including numbers to specify test conditions, are open for further discussion.

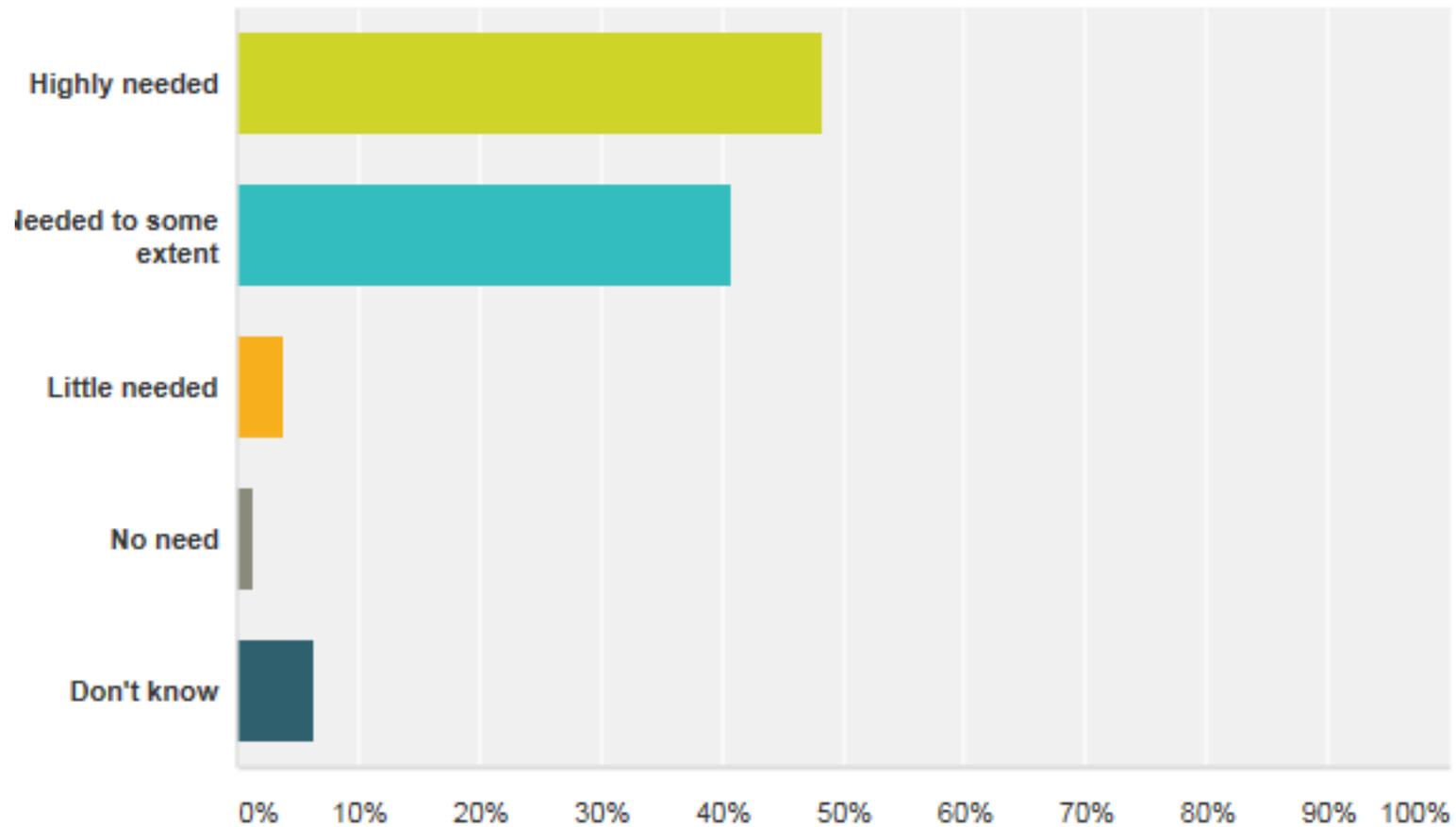
Members of this Group are expected to provide suggestions / recommendations for the successful development of effective IEC standards on climate-specific rating tests.

- Test Protocol and Numbers
- How will test results be linked with rating?
- Qualification Plus
- Discussion of Each Task Group Approach

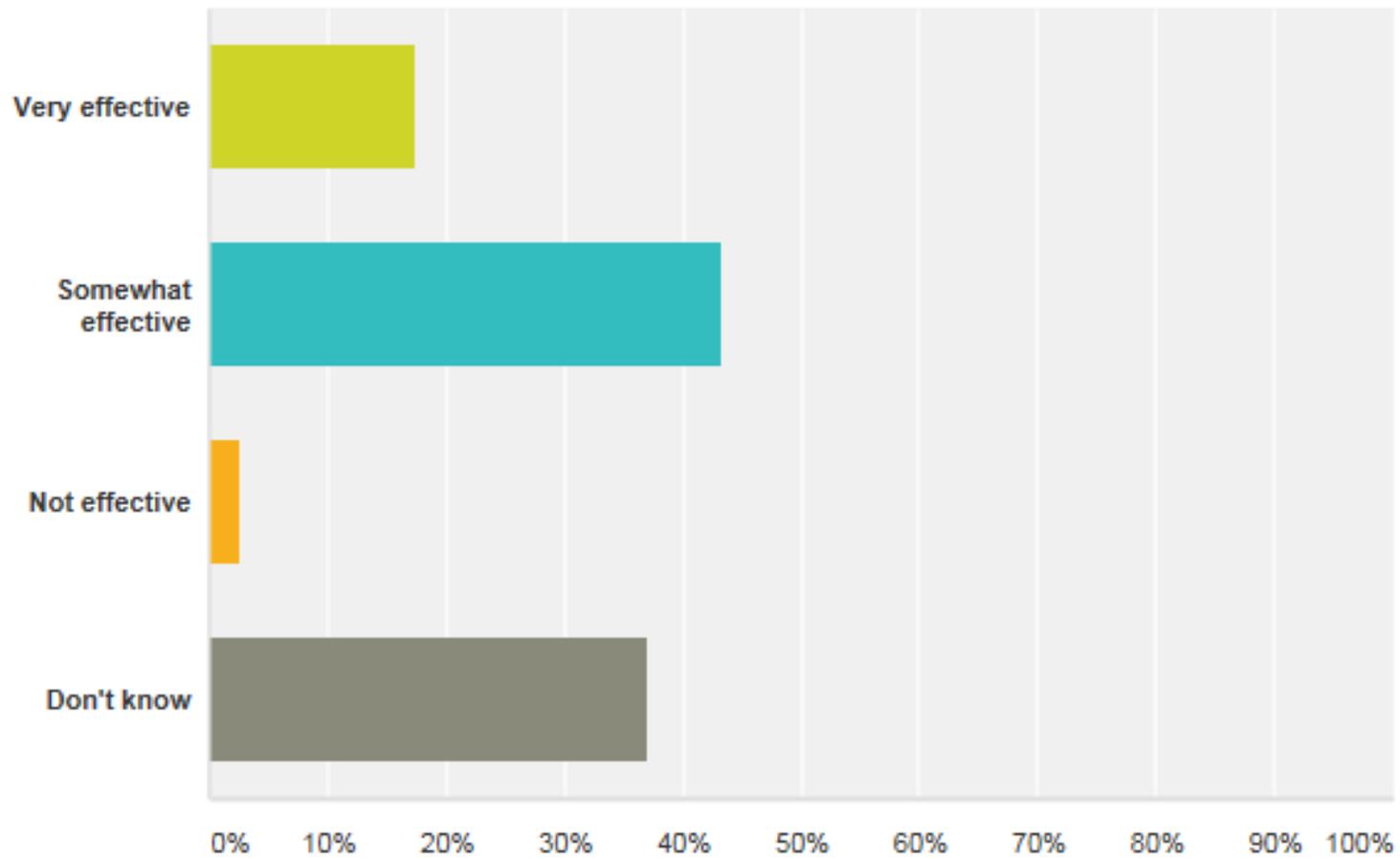
Summary of the survey

- # of responses 82
- 90% of the people feel need for an international standard for PV-specific QMS.
- 60% answered proposed IEC 62941 is effective
- Preferred topics to be discussed in Breakout session #1 are widely diversified
- 75% supported an idea of climate specific rating
- .The most preferred topics to be discussed in Breakout session #2 is “Leg 2”, followed by “Sampling out of production”

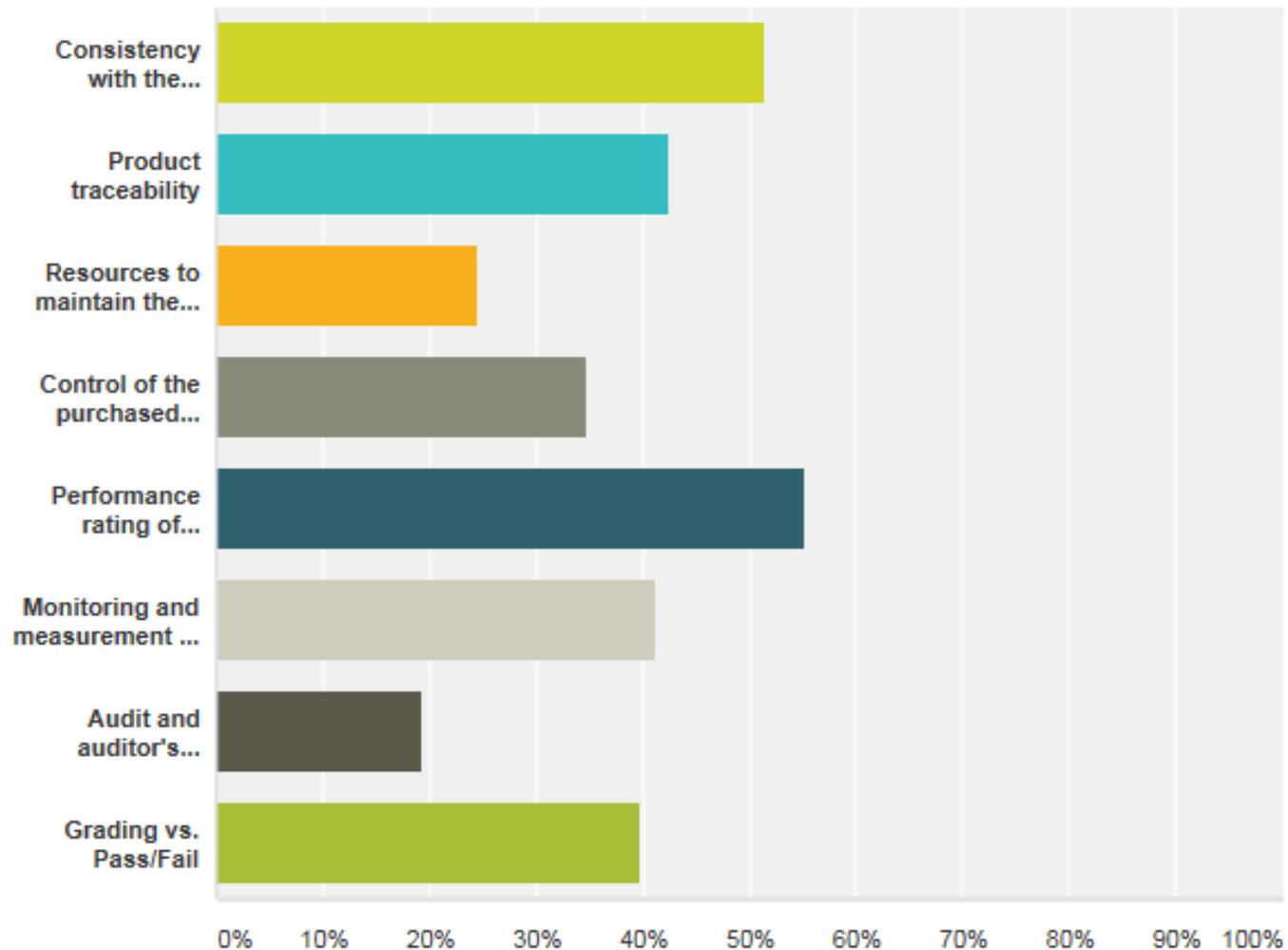
What do you think about the Need for an international standard for PV-specific QMS?



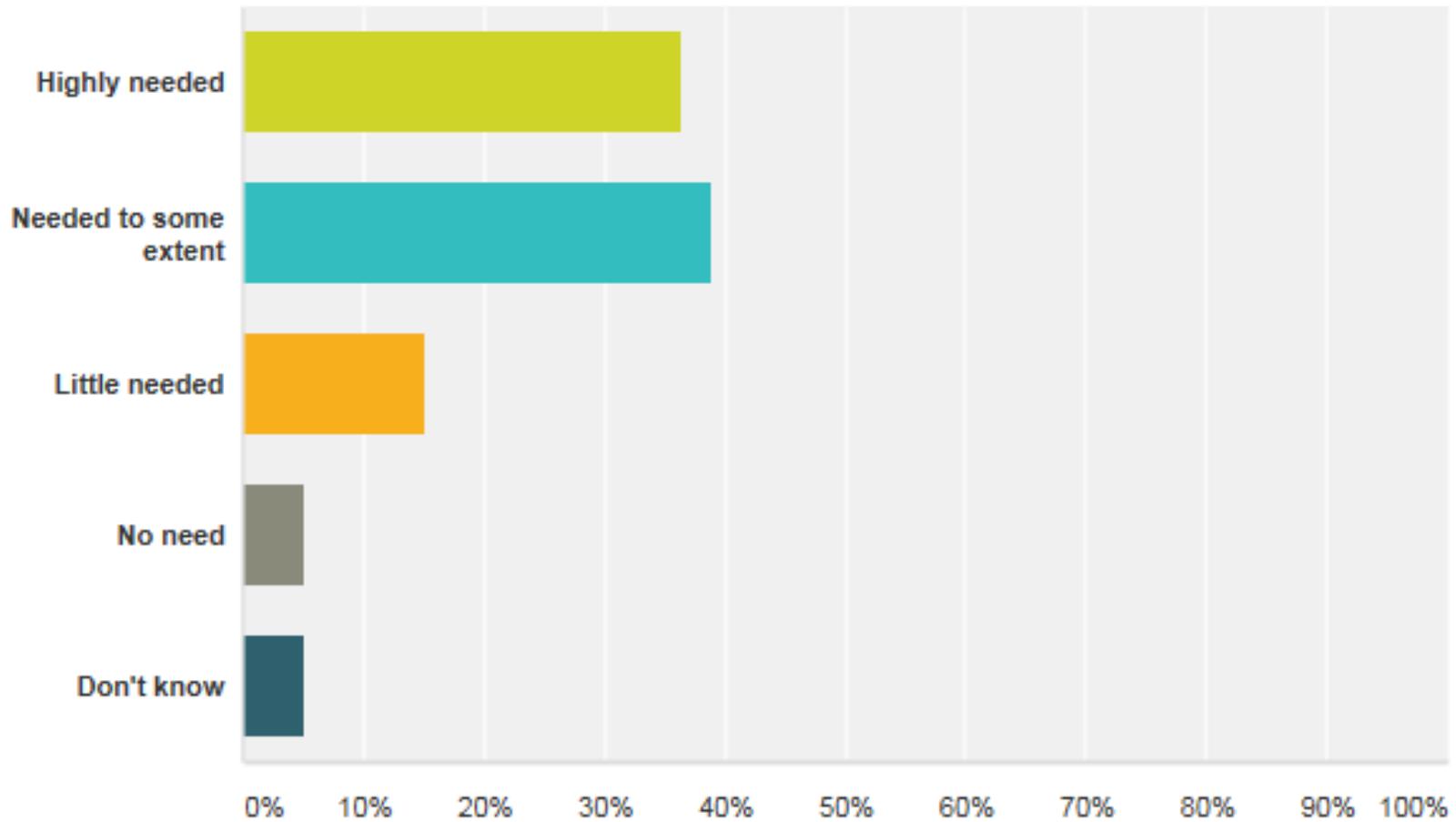
What do you think about the Effectiveness of the current draft of IEC 62941?



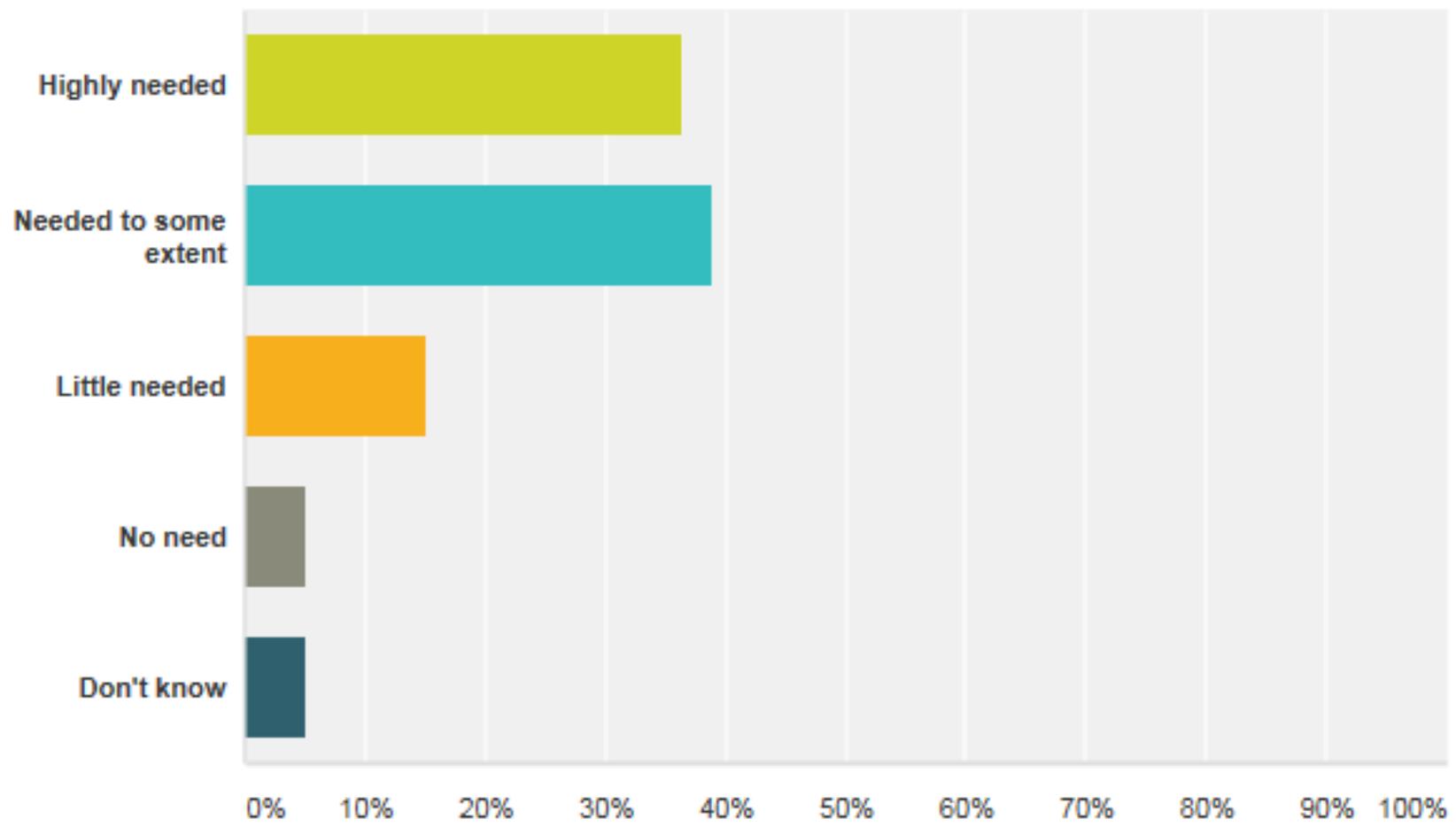
Which topics in QMS would you like to talk about during the break out session?



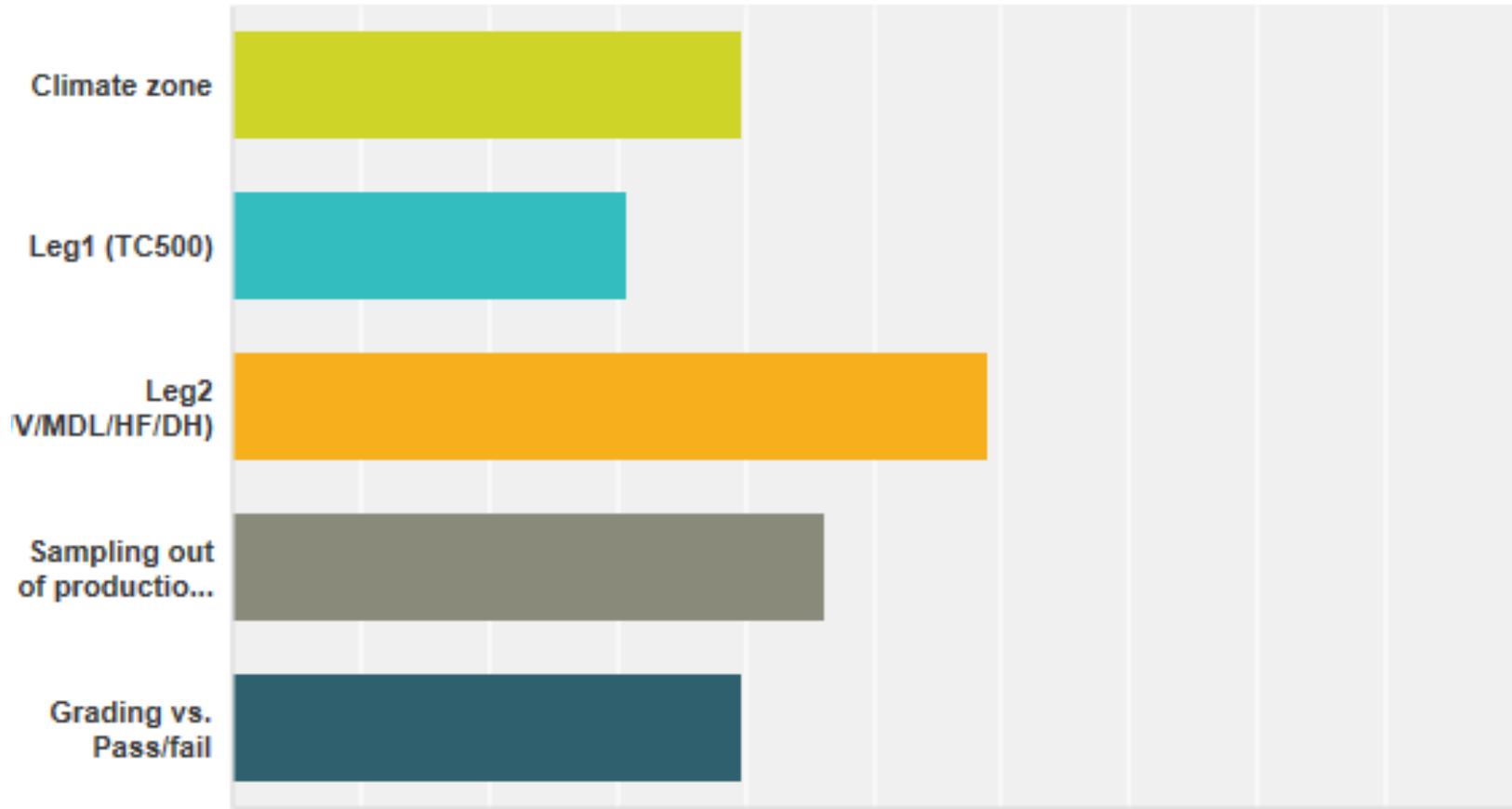
What do you think about the Need for a Climate-specific rating system?



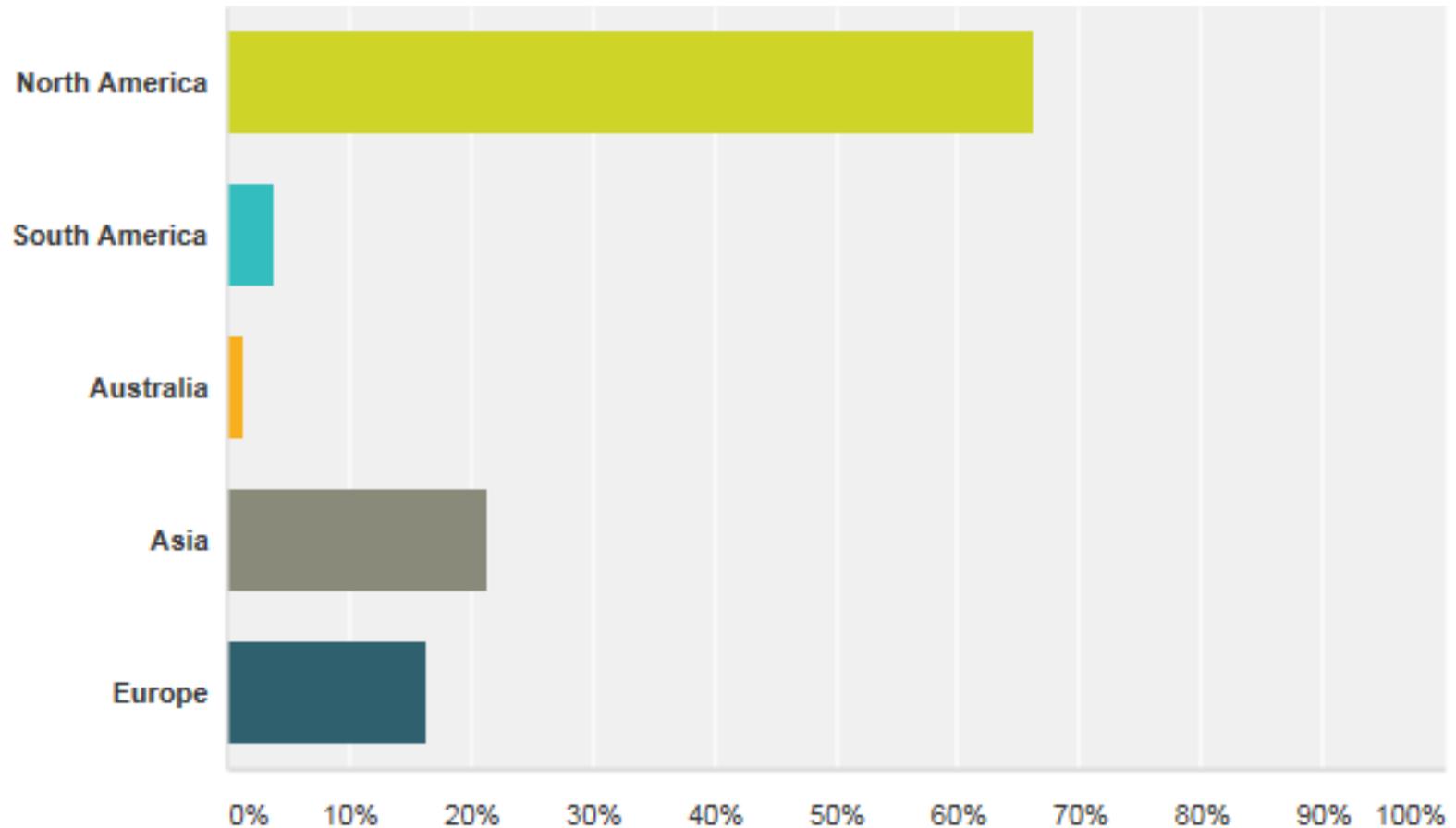
What do you think about the Effectiveness of the proposed Climate-specific rating system?



Which topics would you like to discuss during the break out session?



Please identify your location



Please identify your affiliation

