

First International Workshop

Durability and Degradation Issues
in PEM Electrolysis Cells and its
Components

First Results from the Questionnaire

March 12th-13th, 2013

Fraunhofer ISE | Freiburg | Germany



Main conclusion:

We need more time!



Some statistics about the audience

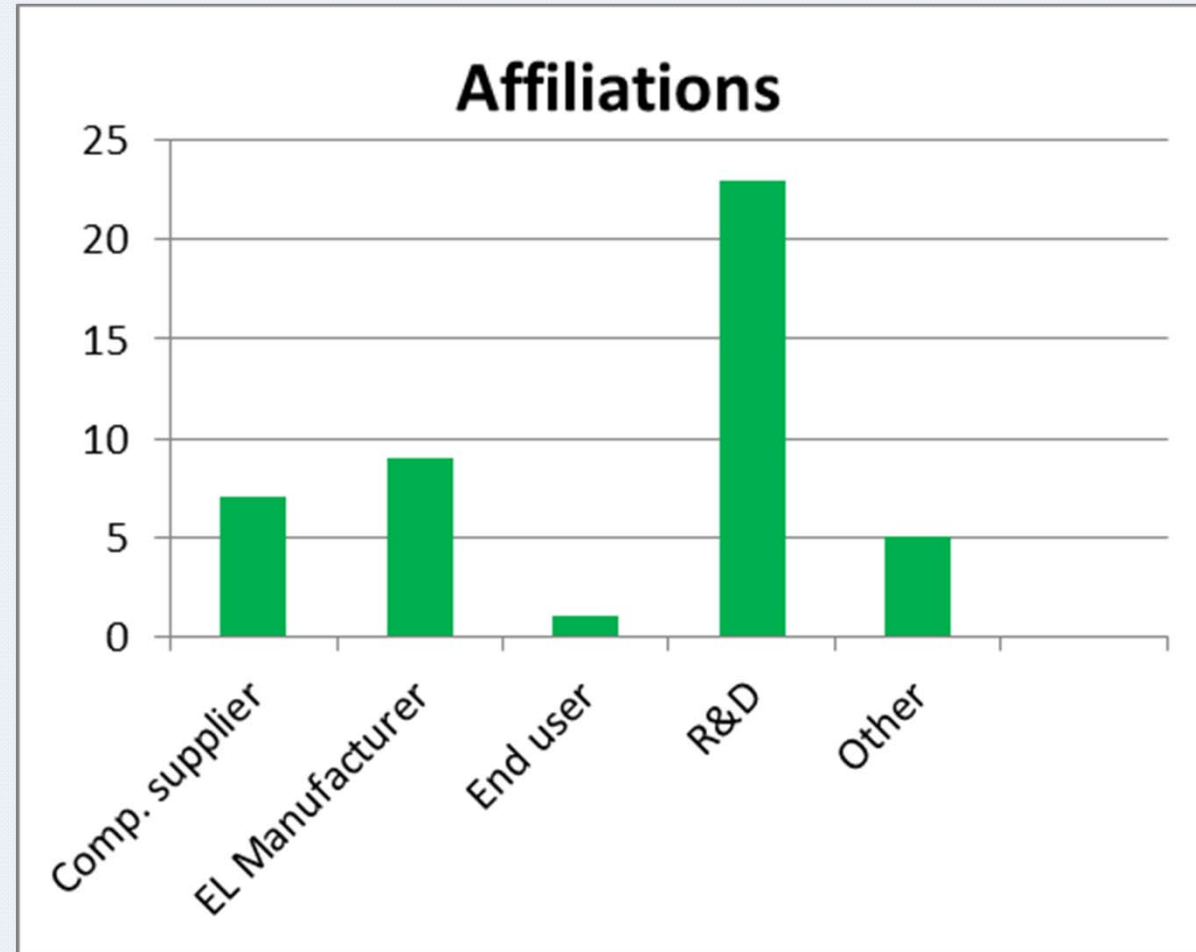
■ Where do we come from?

	Country
1	Belgium, Czech Republic, Finland, Russia
2	Canada, Denmark, South Africa
3	Italy, Norway, US
4	Spain
8	Switzerland, UK
15	France
57	Germany



Some statistics about the audience

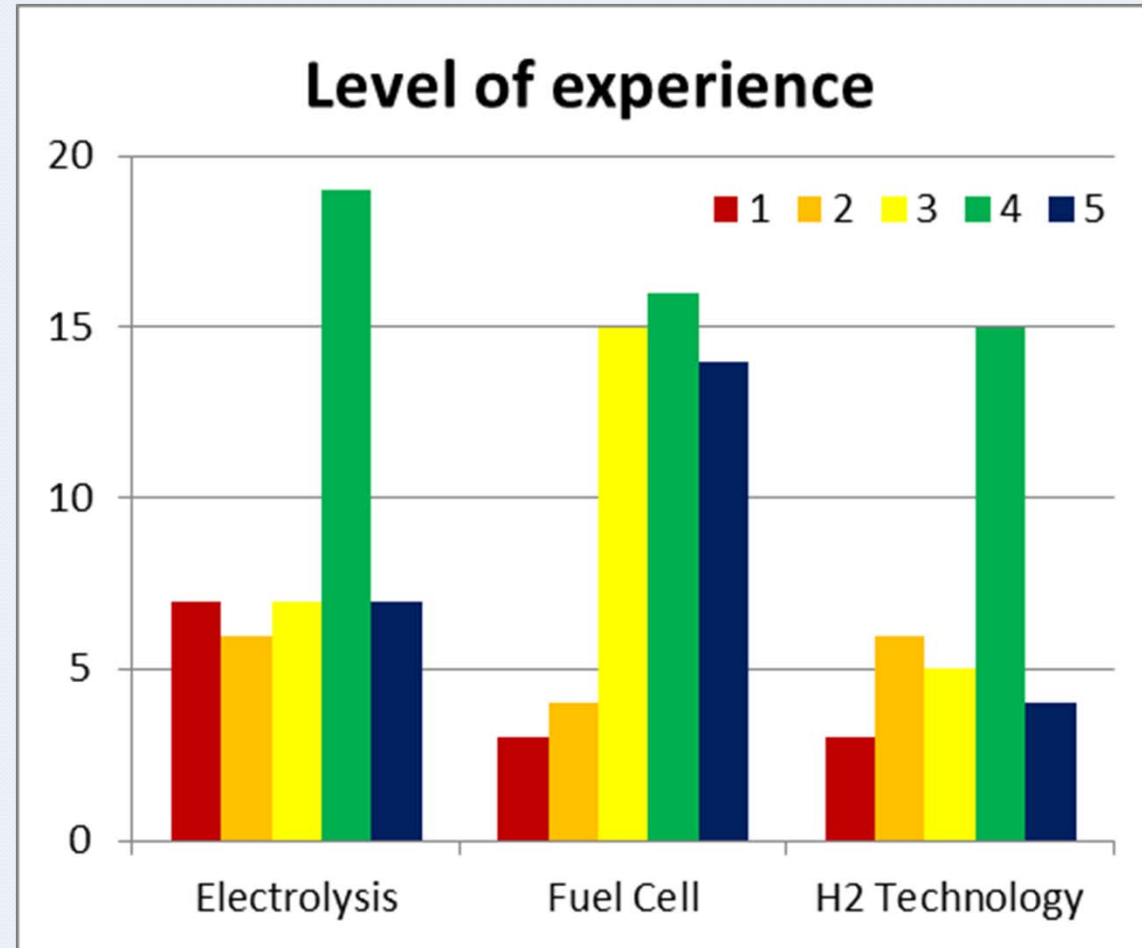
- Share according to affiliation
- 45 participants filled in the questionnaire





Some statistics about the audience

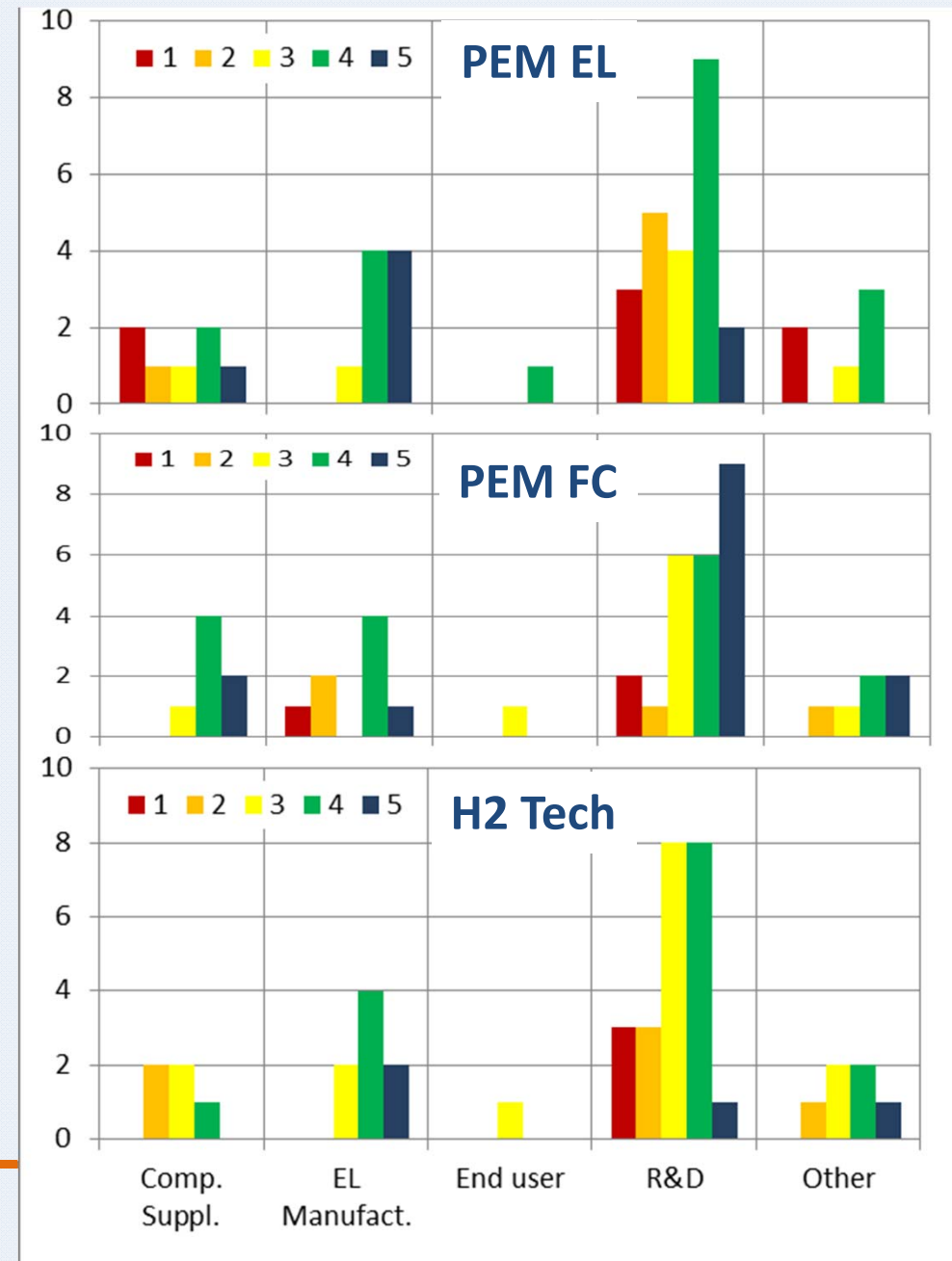
- Question: "How would you grade your experience with ..."
- 1: basic
- 5: expert





Some statistics about the audience

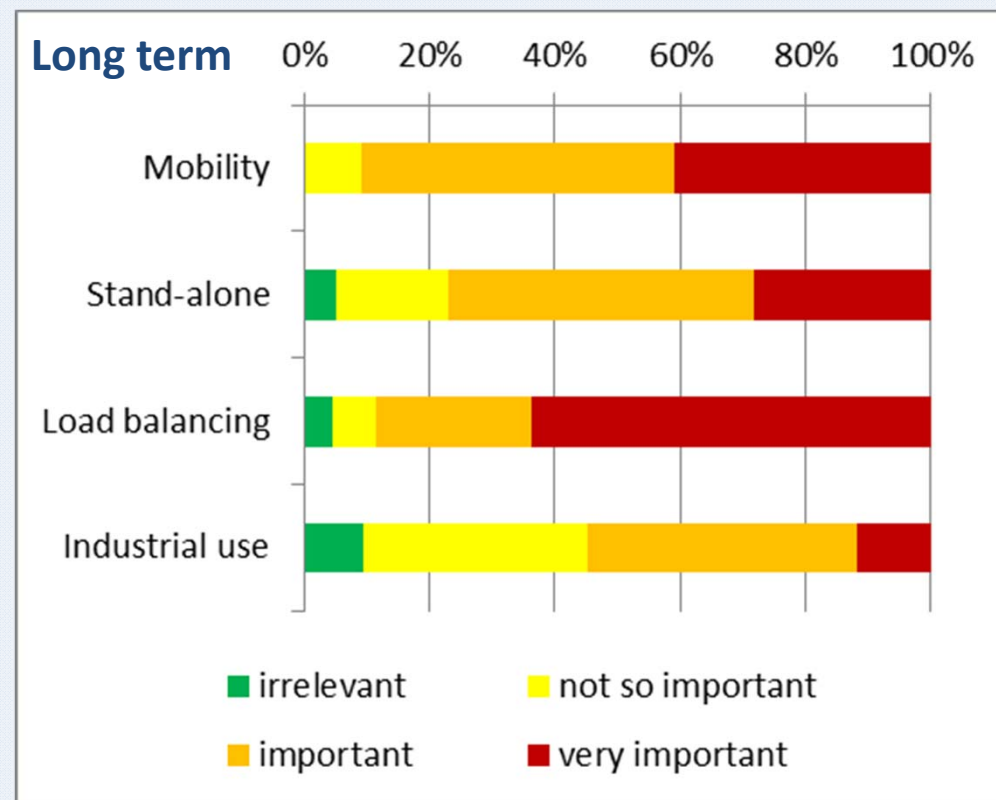
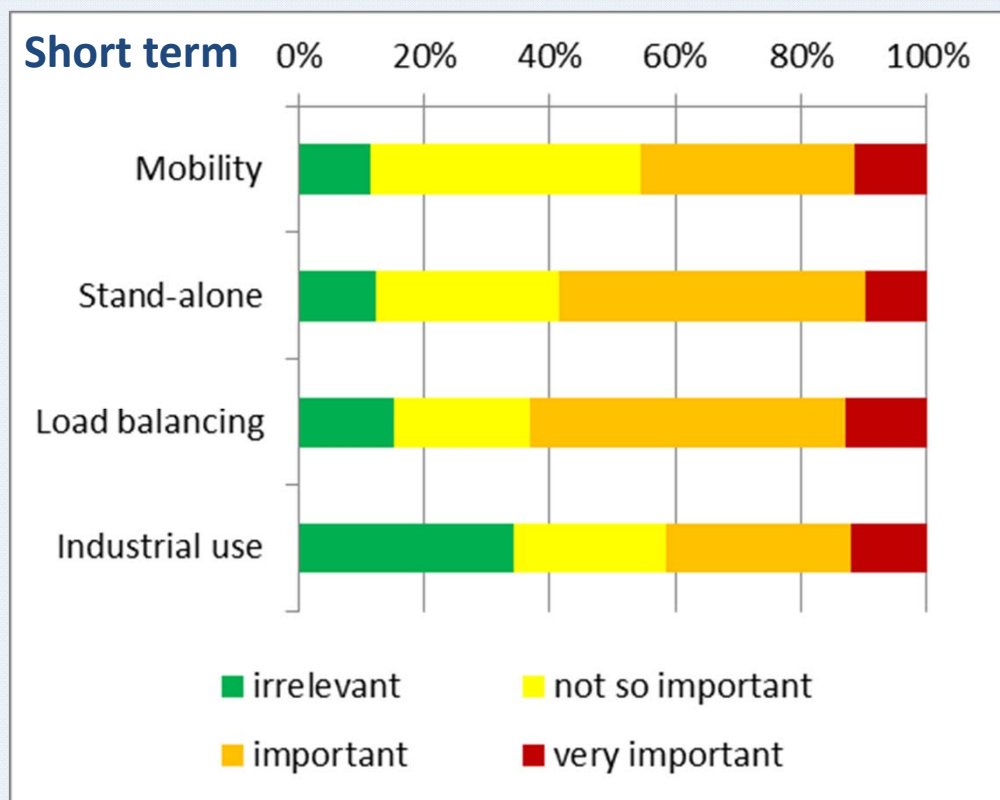
- Question "How would you grade your experience with ..."
- Level of experience according to professional background
 - 1: basic
 - 5: expert





Fields of applications

- Question "Where do you see the most relevant fields of application for PEM electrolyzers .. "
- Distinction between short and long term
- Nearly no feedback for "other"





Typical operating conditions

■ Question:

"What are in your opinion the typical operating conditions for the most relevant applications?"

Spec	Short term	Long term
Temperature	68 °C	88 °C
Pressure	32 bar	93 bar
No. of Cycles	1.650	17.000

■ Average/log average values

■ Short and long term is not defined



Another kind of statistic: Word cloud

- Caught during the workshop:

