



# Survey on Future Priorities for PV Standards

European Solar Technology Forum  
Berlin, 30/11/2017

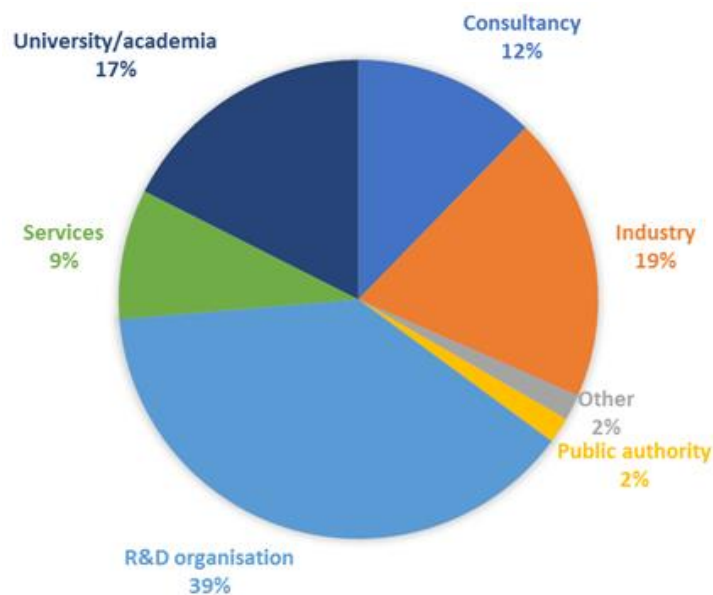
N. Taylor, M. Heisz, E. Roman  
Speaker: Nigel Taylor



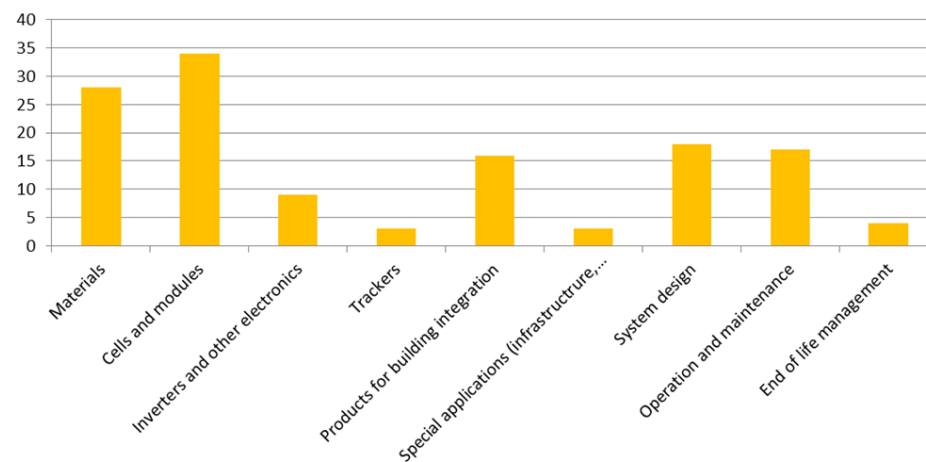
This project has received funding from the European Union's Seventh Programme for research, technological development and demonstration

- On-line survey in September 2017
- Distribution: SolarPowerEurope, ETIP-PV, Cheetah/EERA-PV.
- 57 replies

## Organisation



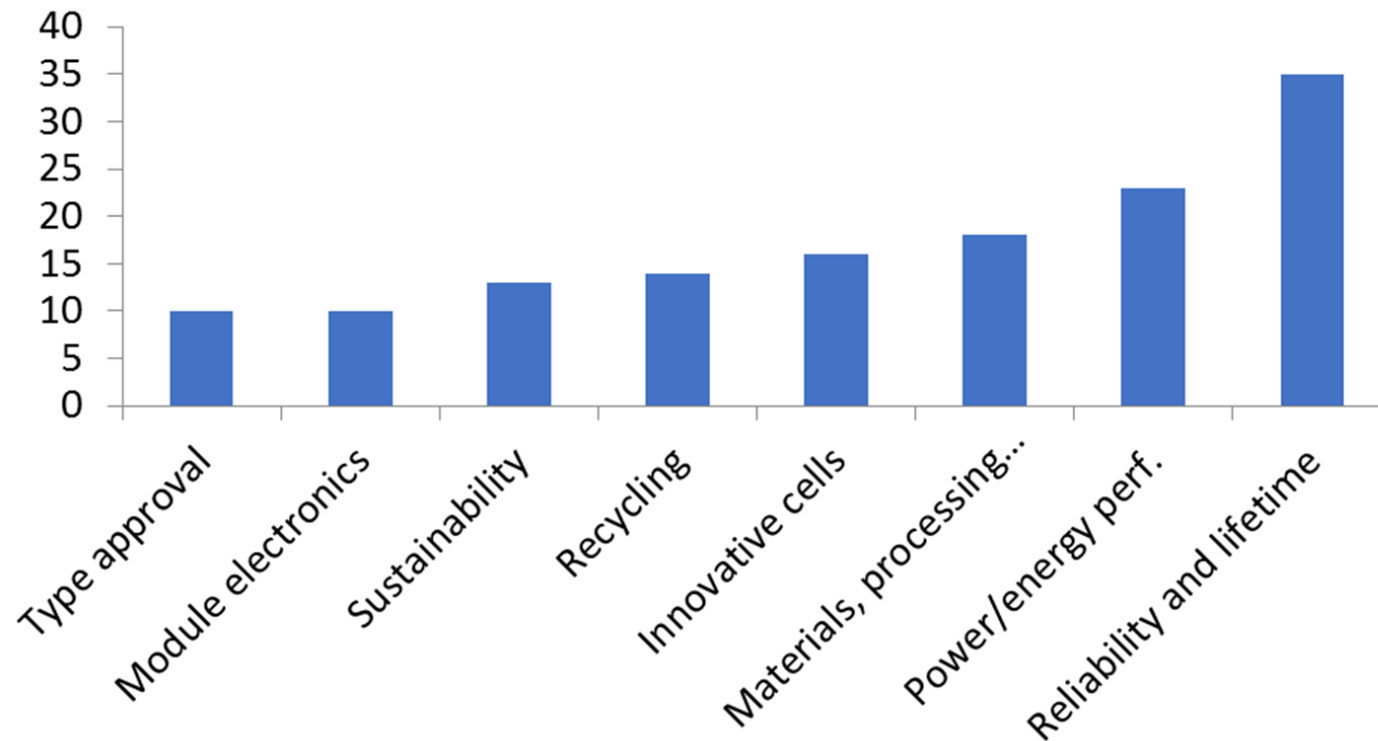
## Area(s) of professional interest



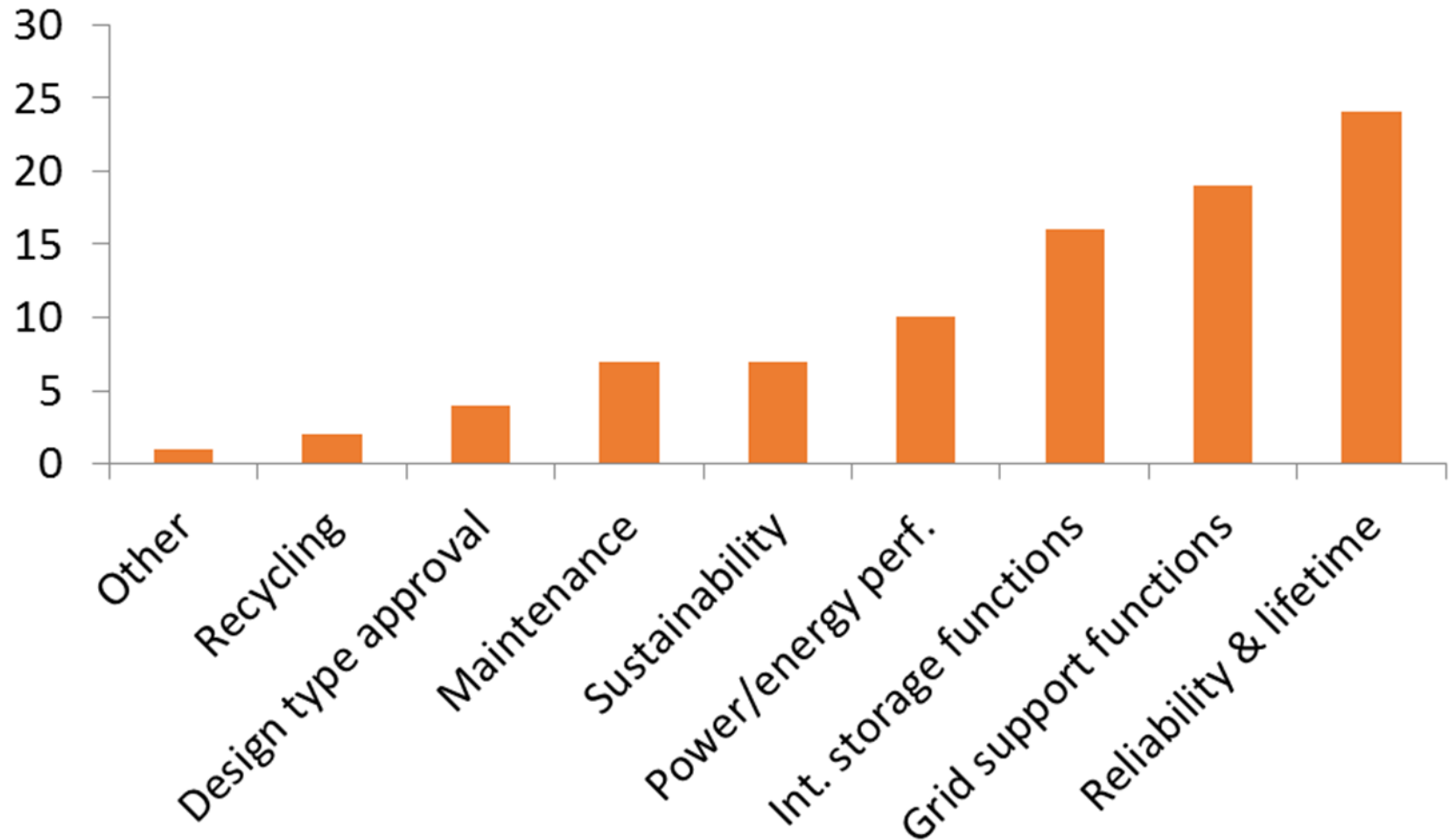
# Survey Format

- Respondent profile (type of organisation, country, main PV interest)
- Opinion of current status of PV standards
- Priorities in 6 main areas
  - o PV Cells and Modules
  - o Inverters
  - o Trackers
  - o Building Integrated Products
  - o Systems
  - o Integrated Applications
- Wrap Up (personal top priority, interest in contributing to future standards activities)

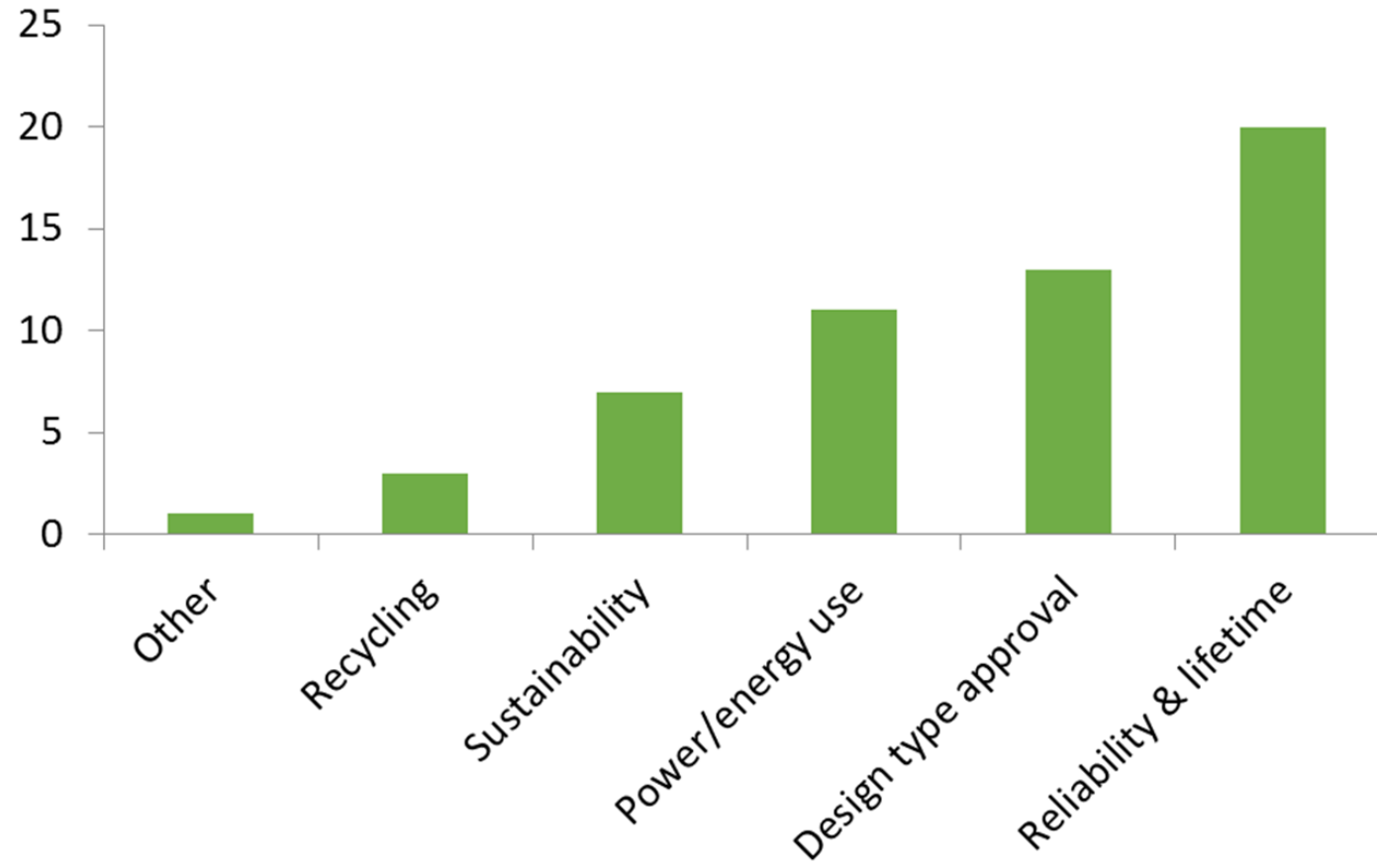
# Priority areas for cells and modules



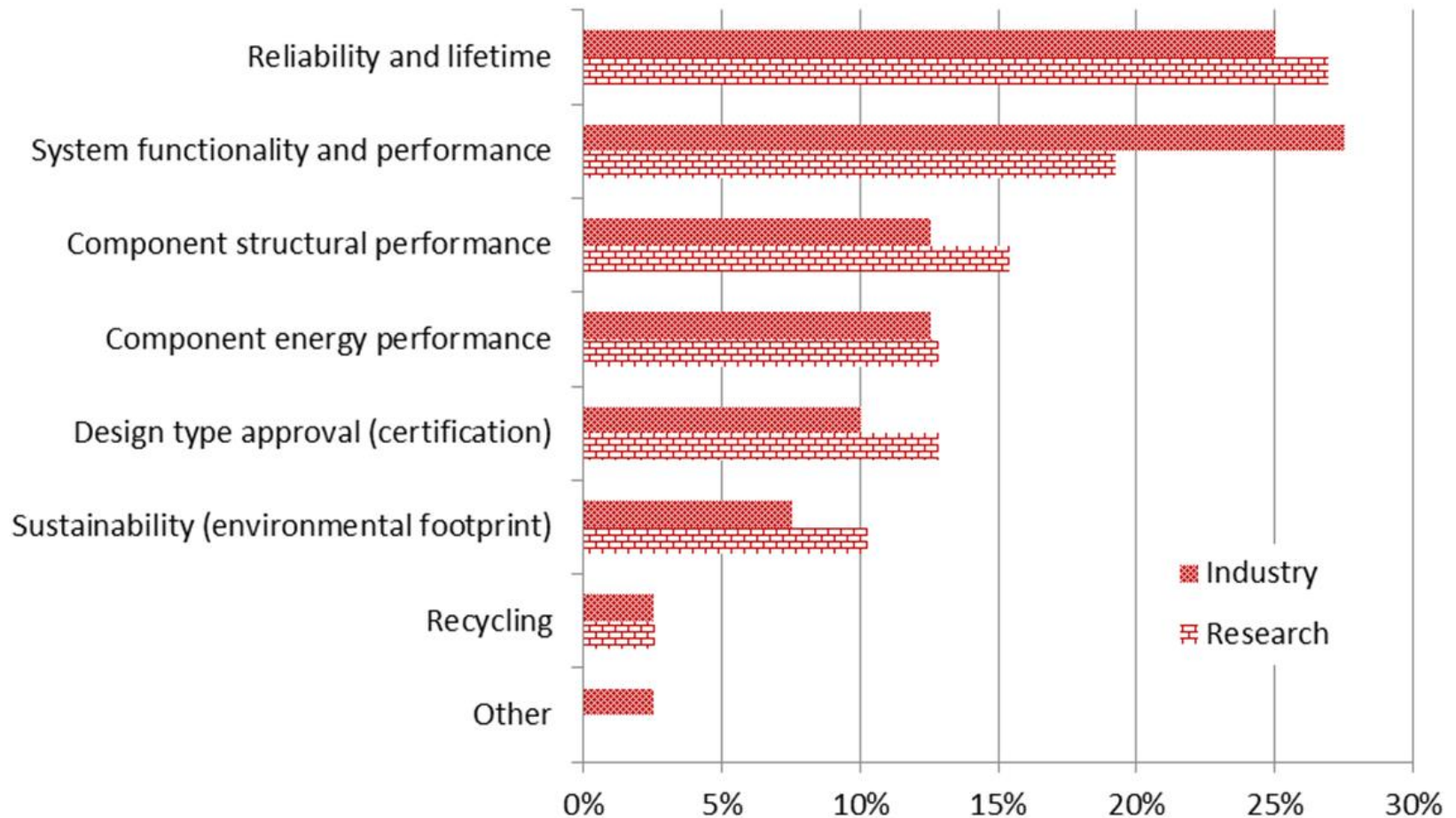
## Priority areas for inverters



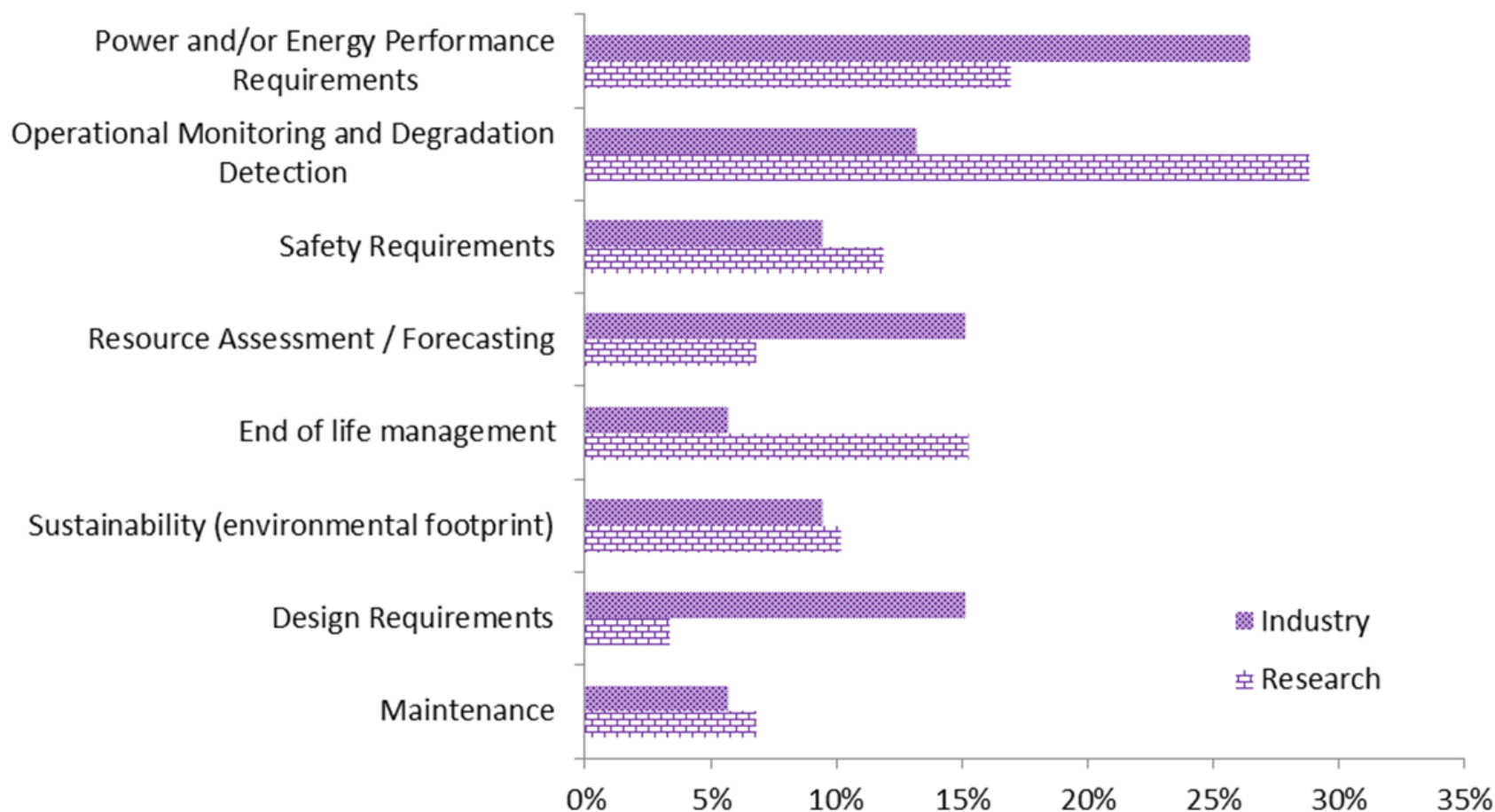
## Priority areas for trackers



# Priority areas for BIPV

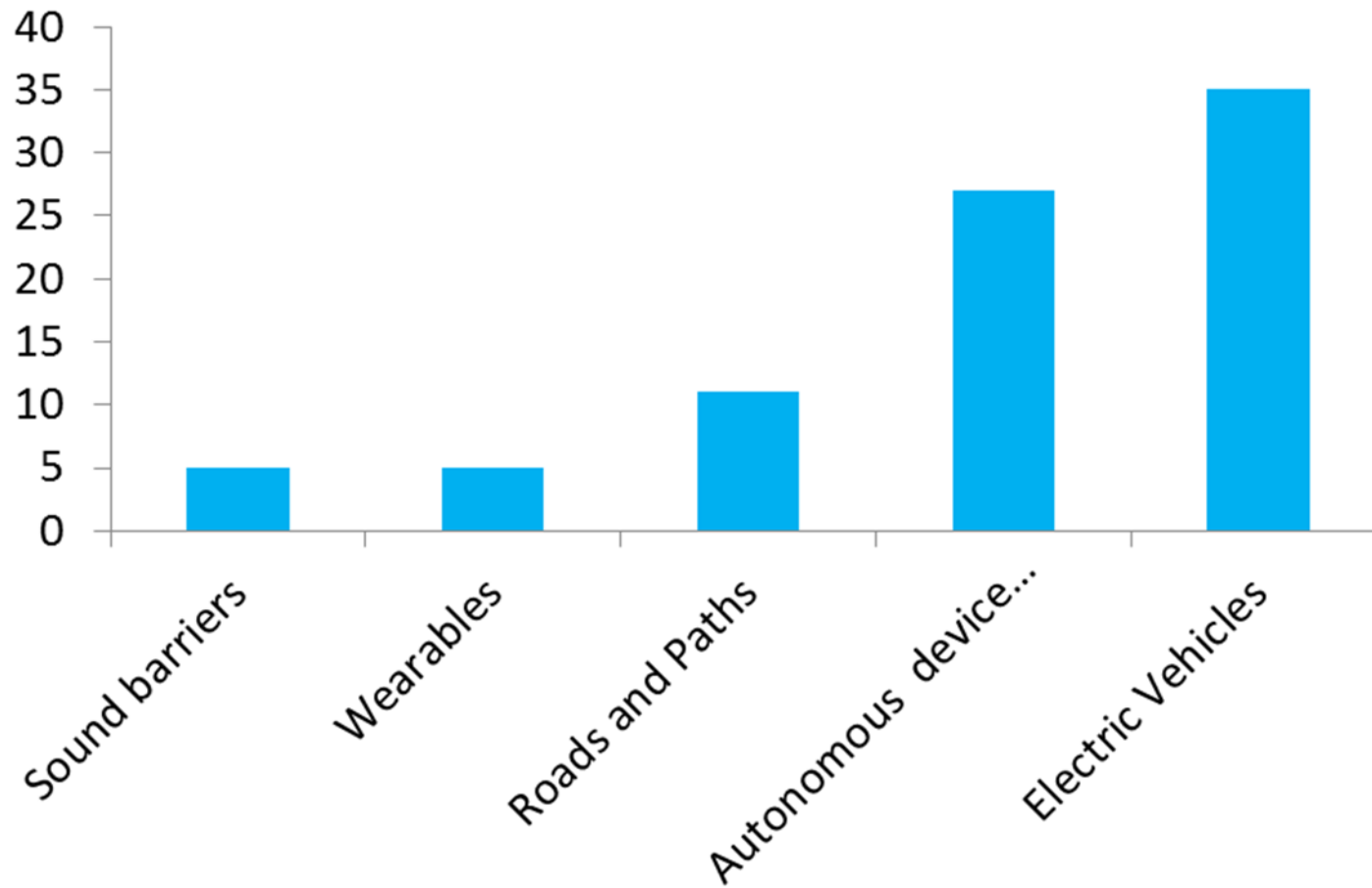


# Priority areas for systems





## Priority areas for integrated applications



# Conclusions

- A very clear majority (74%) consider existing standards to be "satisfactory, but with scope for improvement and/or new initiatives"
- For all areas, reliability & lifetime of all components are top priorities
- Industry participants also highlighted:
  - performance,
  - forecasting
  - advanced inverter functions
  - BIPV system functionality
- Sustainability aspects were of concern across the board
- Innovative technologies (PSCs, DSSCs) and applications (cars, autonomous devices) were also highlighted

# Questions?