

Status on the ground:

EPBD 19a survey results in relation to the
inspection of stand-alone ventilation systems

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Tasks related to “Inspection of stand alone ventilation systems”

The relevant work is organised around the first three Tasks of the EPBD 19a feasibility study:

- TASK 1** Review of regulations, guidelines and standards on the inspection of stand-alone ventilation systems.
- TASK 2** Analysis of the relevance, feasibility and possible scope of measures at EU-level for the inspection of stand-alone ventilation systems.
- TASK 3** Selection of policy options for inspections of stand-alone ventilation systems and analysis of related potential impacts.

TASK 7 Stakeholder consultation and study website.

Inspection of ventilation systems

Following Article 19a of the EPBD Directive 2018/844/EU, this study will assess the relevance and feasibility to introduce EU provisions for the inspection of stand-alone ventilation systems in buildings.

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Building renovation passport

Following Article 19a of the EPBD Directive 2018/844/EU, this study encompasses an assessment of the relevance and feasibility of introducing an EU approach (either voluntary or mandatory) to the concept of building renovation passport.

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1ST STAKEHOLDERS MEETING: BRUSSELS, 24 JUNE 2019

Morning session (10:00 – 13:00): Inspection of stand-alone ventilation systems
Afternoon session (14:00 – 17:00): Building renovation passport

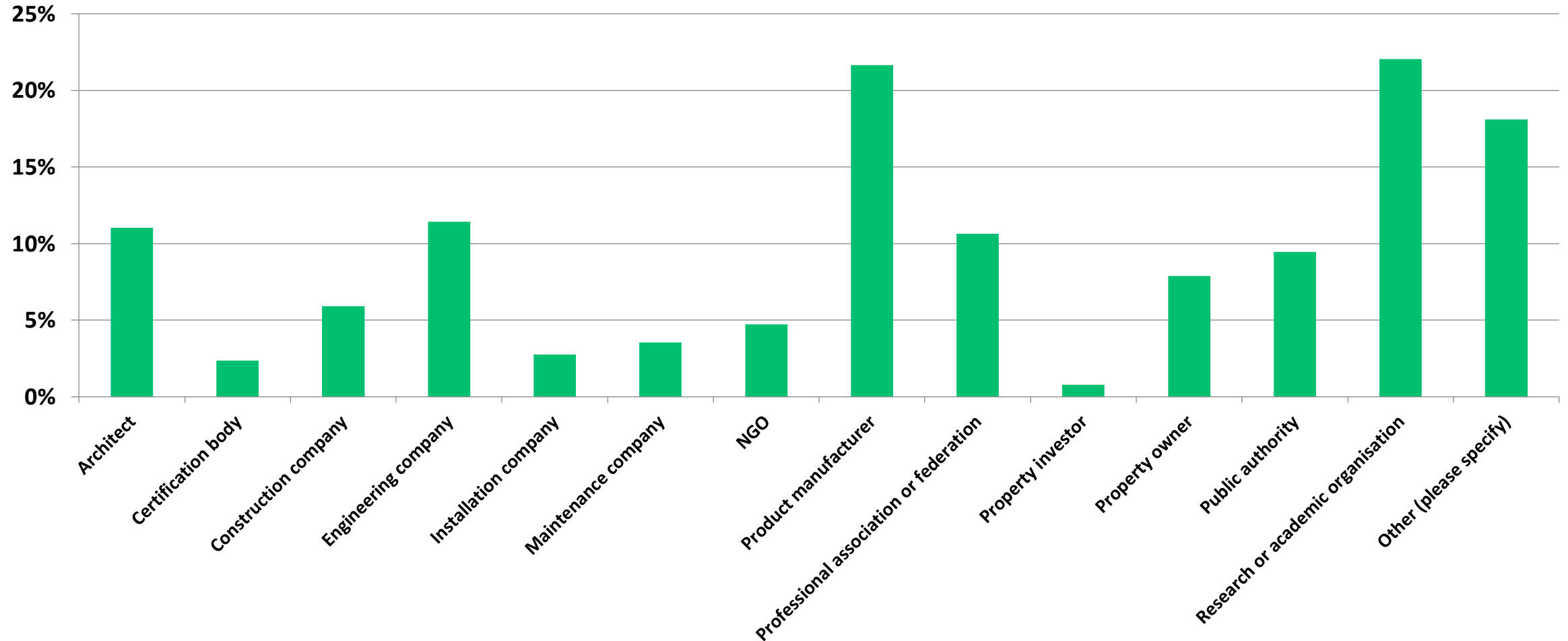
Stakeholders consultation

- Session at AIVC Dublin workshop
 - 27-28 March “Quality ventilation is the key to achieving low energy healthy buildings”
- Session at EPBD Concerted Action meeting
 - June 5 in Riga
- 1st stakeholders meeting
 - Today in Brussels
- Session at AIVC and TightVent conference (inspection of ventilation systems)
 - October 15-16 in Ghent (Belgium)
- 2nd stakeholders meeting
 - November in Brussels

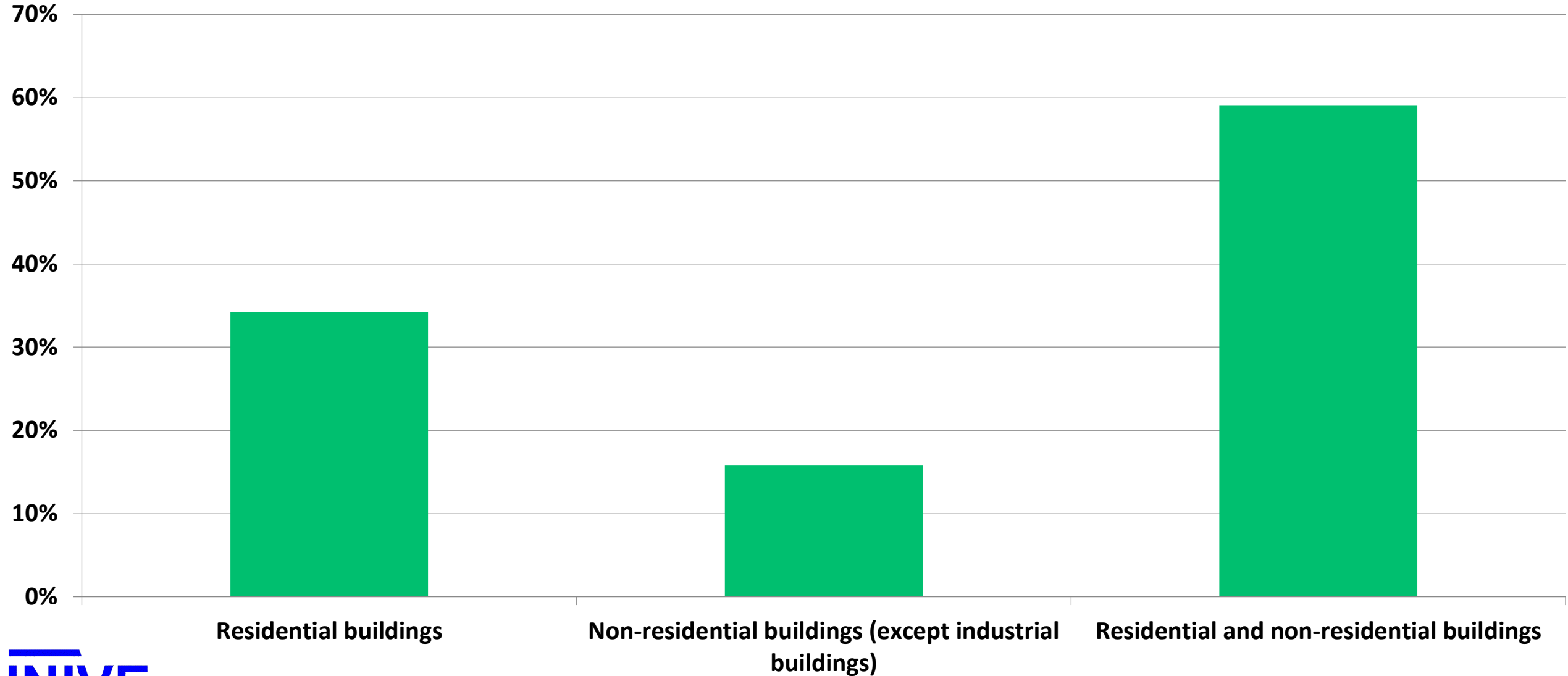
Outcome online survey

245 Respondents from 28 countries

Type of stakeholders



In filling in this survey, which building types do you address?



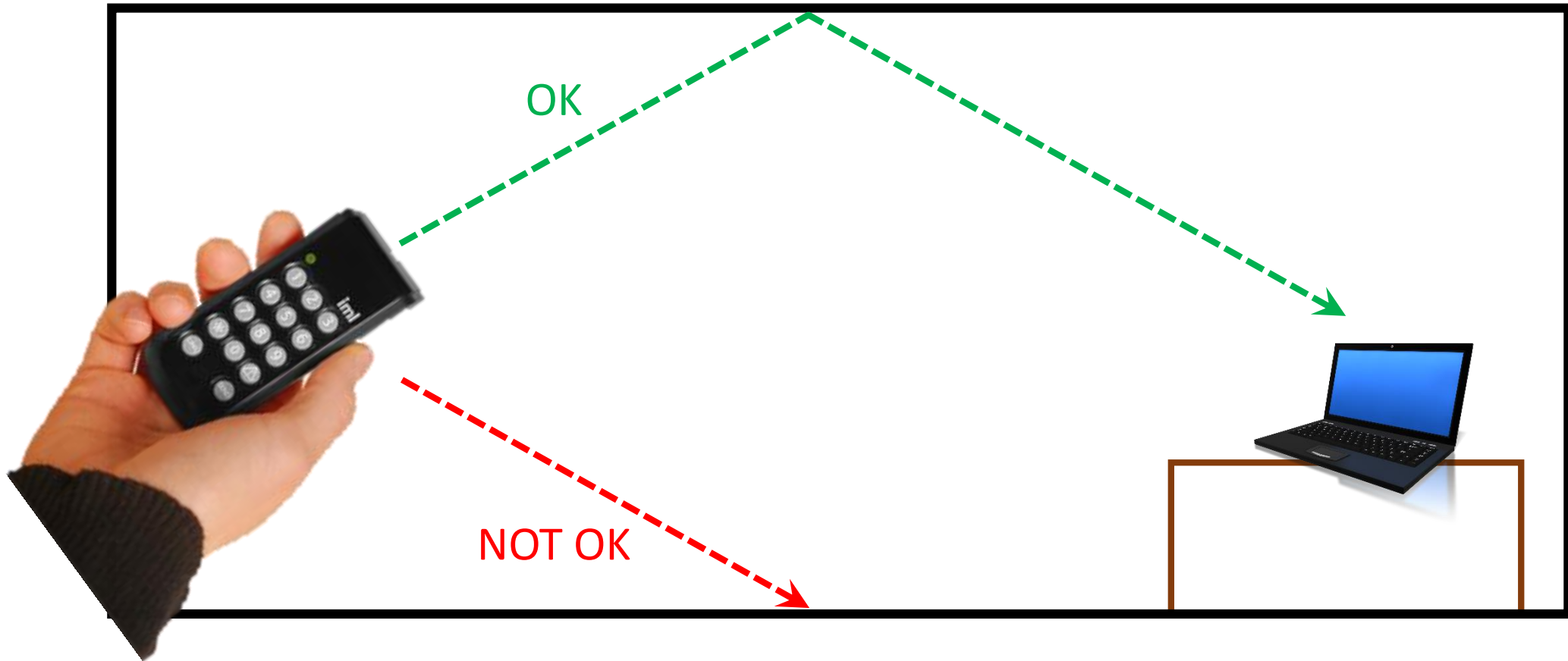
**YOUR
OPINION**



Wait for the green box

Please
vote...

Click the button corresponding to your answer



OK



NOT OK



How many stars will be there in **the EU flag**
in case of a hard Brexit?

1 9

2 12

3 18

4 28

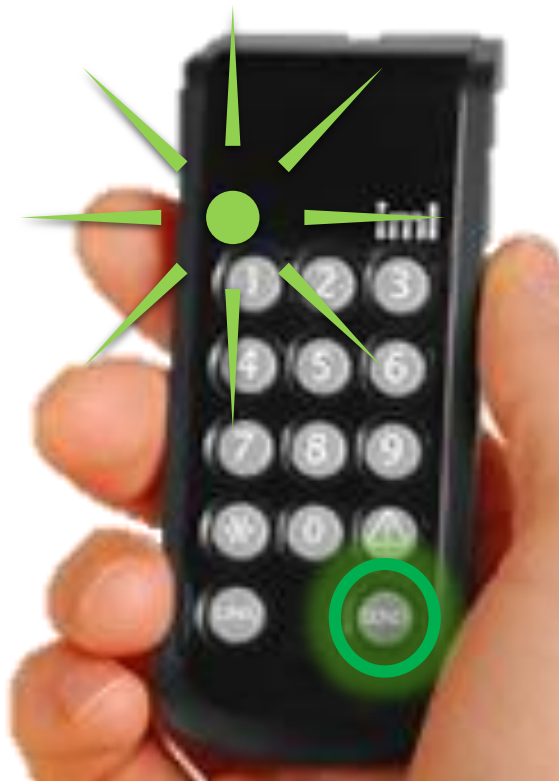
5 29

6 No idea



In case of multiple answers ...

OK



NOT OK



Which numbers are bigger than 10?

Enter
Number(s)
and Press
Send

Vote for up to 5 choices

1. 7
2. 5
3. 12
4. 17
5. 224



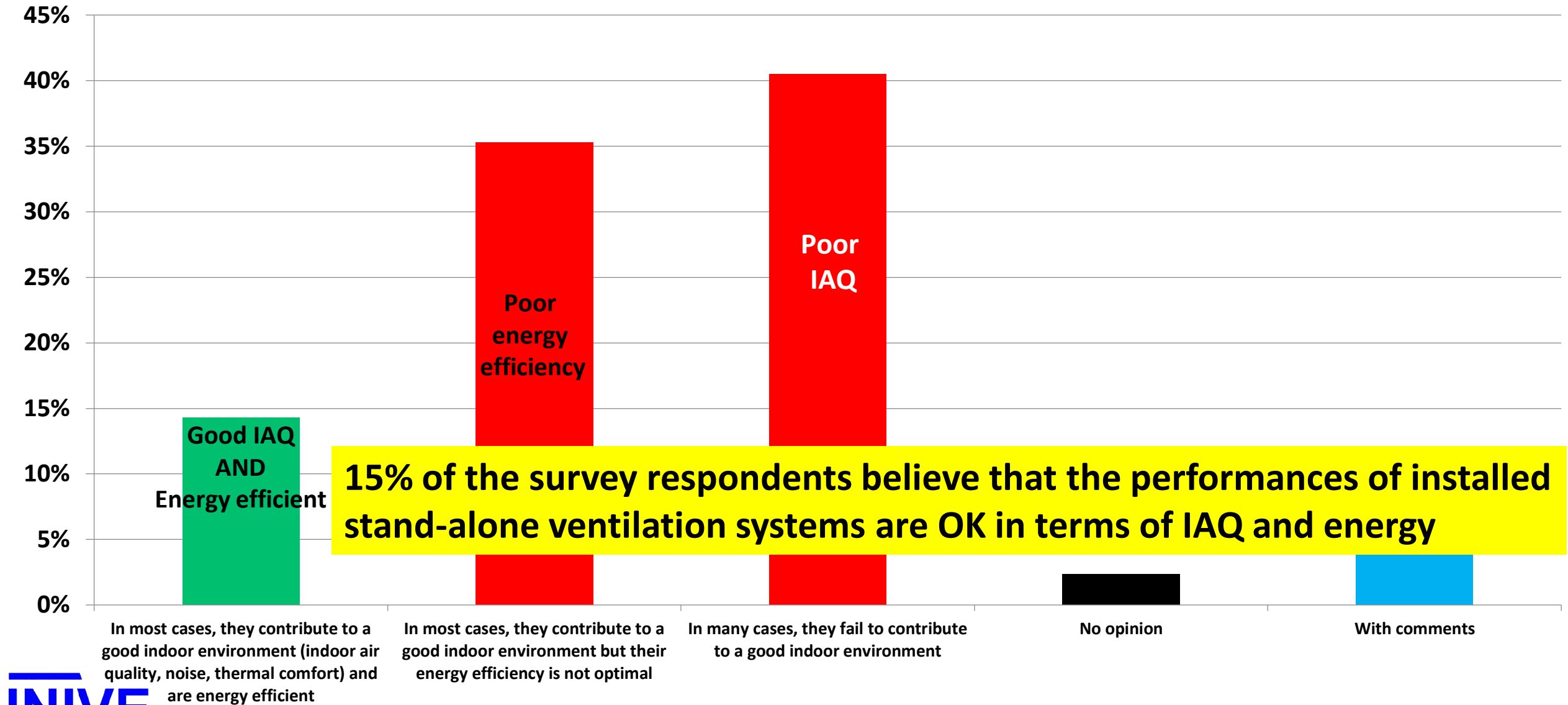
Your opinion about the current overall performance of installed stand-alone ventilation systems?

Vote Now

- 1 In most cases, they contribute to a **good** indoor environment (indoor air quality, noise, thermal comfort) and are energy efficient
- 2 In most cases, they contribute to a good indoor environment but their **energy efficiency is not optimal**
- 3 In many cases, they **fail to contribute to a good indoor environment**
- 4 In many cases, **they fail in terms of indoor environment and energy efficiency**
- 5 No opinion

	Good IEQ	Poor IEQ
Energy efficiency OK	1	3
Energy efficiency not OK	2	4

Survey: Opinions about current overall performance of installed stand-alone ventilation systems?



Comments from participants of survey...

- In many cases, they fail to contribute to a good indoor environment due to poor installation and a lack of user awareness/knowledge.
- The quality of the product itself is not questioned here. It is the implementation work which is too often faulty.
- After a period of running, an inspection is needed to check whether the requirements of users are still the same and if the technology corresponds to state of the art.
- The situation greatly varies depending on countries (e.g. mandatory inspection schemes) and applications and whether ventilation systems are properly designed, installed and maintained.
- Poor installation and design leads to poor performing units
- In most cases they are a waste of cost and time. Education is more important, open windows
- Only work if they are turned on! Better to open/close windows
- In most cases they are not necessary
- In most cases, they contribute to a good indoor environment if they are properly maintained

What should be improved?

Enter
Number(s)
and Press
Send

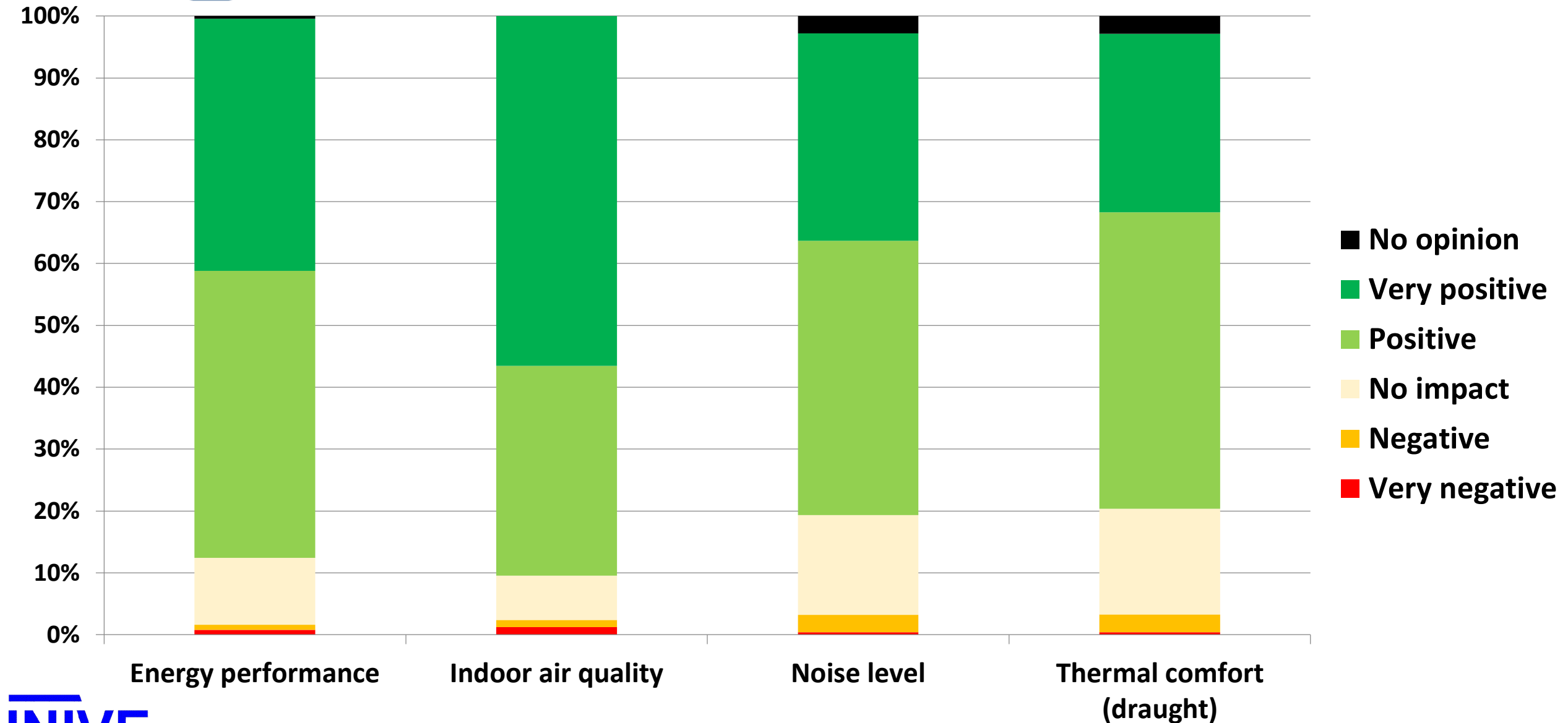
Rank your top 4 choices in order, voting for your preferred choice first

- 1 Energy performance
- 2 Indoor air quality
- 3 Noise level
- 4 Thermal comfort (draught)



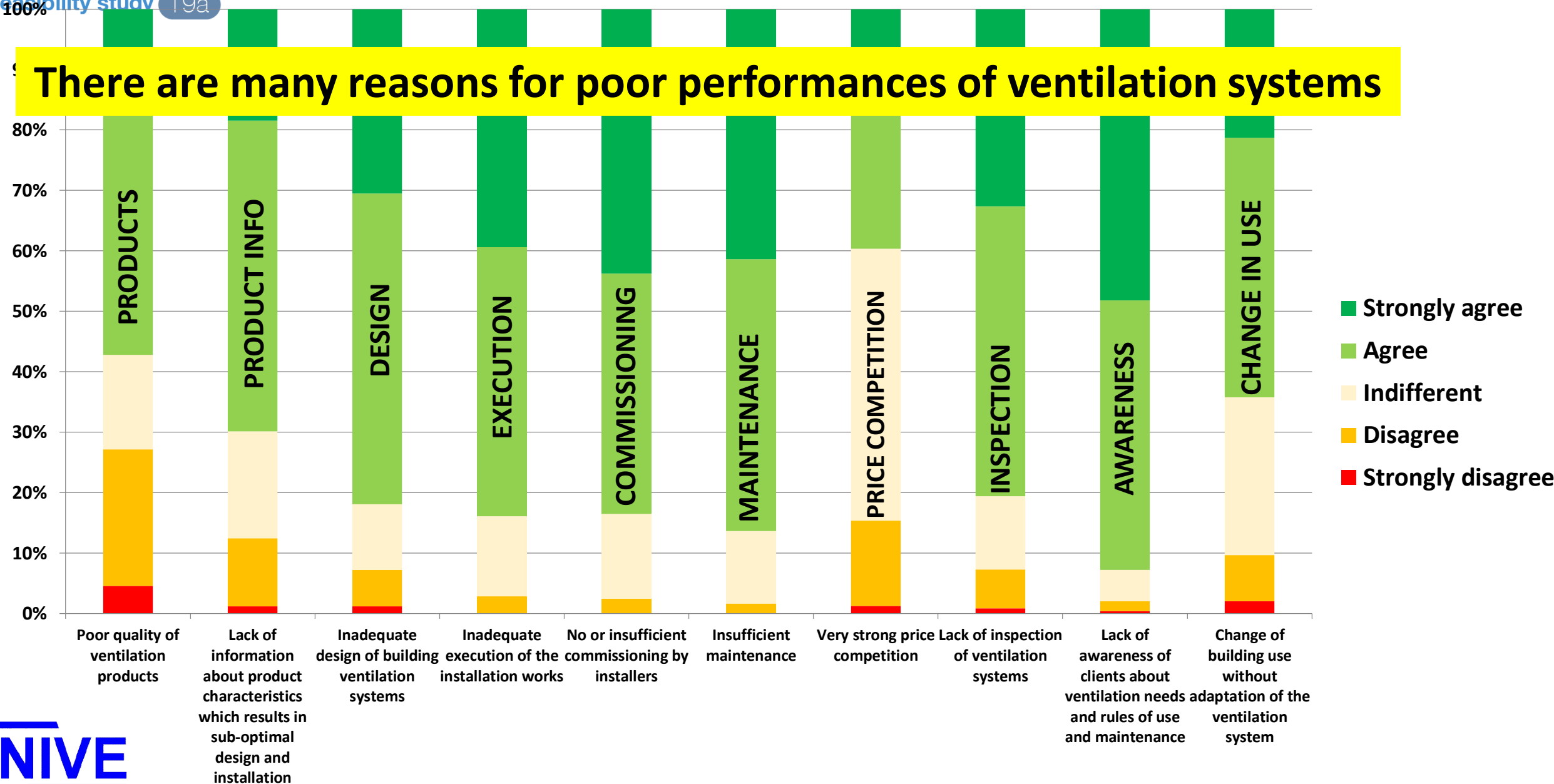
Weighted Results: 1st Choice = 4 Points, 2nd Choice = 3 Points...

Survey: What should be improved?



Reasons for poor performances?

There are many reasons for poor performances of ventilation systems



What are the most important phases to have a good performance of installed ventilation systems?

Enter
Number(s)
and Press
Send

Rank your top 5 choices in order, voting for your preferred choice first

- 1 Design
- 2 Choice of products/components
- 3 Installation
- 4 Commissioning
- 5 Maintenance
- 6 No opinion



Weighted Results: 1st Choice = 5 Points, 2nd Choice = 4 Points...

thank
thank
you!