



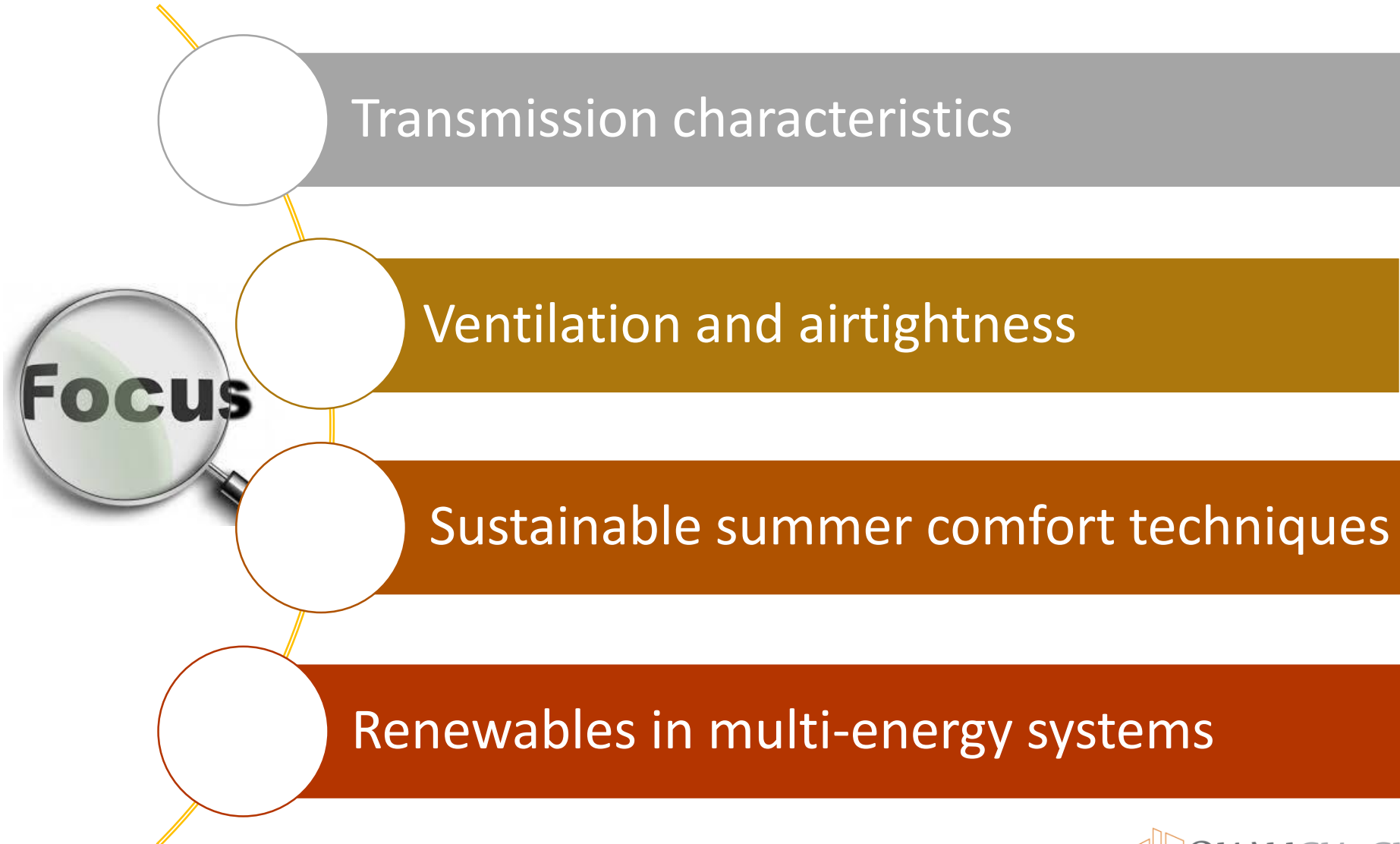
Peter Wouters

Manager INIVE EEIG - Coordinator QUALICHeCK

2 objectives of QUALICHeCK

- *To set up a series of actions which should result in more attention and practical initiatives for **actual compliance with the EPC for new and renovated buildings***
i.e. 'Boundary conditions which force people to do what they declare';
- *To set up a series of actions, which should result in more attention and practical initiatives for **achieving a better quality of the works,***
i.e. 'Boundary conditions which stimulate and allow the building sector to deliver good quality of the works'.

4 focus areas in QUALICHeCK



Article 18 Independent control system

1. Member States shall ensure that **independent control systems** for energy performance certificates and reports on the inspection of heating and air-conditioning systems are established in accordance with Annex II.

...

2. The Member States may **delegate the responsibilities** for implementing the independent control systems. Where the Member States decide to do so, they shall ensure that the independent control systems are implemented in compliance with Annex II.

3. Member States shall **require the energy performance certificates and the inspection reports referred to in paragraph 1 to be made available** to the competent authorities or bodies on request.

Article 27 Penalties

Member States shall lay down the rules on penalties applicable to infringements of the national provisions adopted pursuant to this Directive and shall take all measures necessary to ensure that they are implemented. The penalties provided for must be effective, proportionate and dissuasive. Member States shall communicate those provisions to the Commission by 9 January 2013 at the latest and shall notify it without delay of any subsequent amendment affecting them.

Article 19 Review

The Commission, assisted by the Committee established by Article 26, shall evaluate this Directive by 1 January 2017 at the latest, in the light of the experience gained and progress made during its application, and, if necessary, make proposals.

QUALICHeCK products and outcomes

- 1** About the status on the ground...
- 2** About interesting approaches...
- 3** About guidance for improvements

QUALICHeCK products and outcomes

So far, QUALICHeCK has produced:

- 5 reports
- 2 country reports (8 in the pipeline)
- 9 fact sheets
- 4 newsletters
- 3 webinars
- 3 conferences (Brussels)
- 2 workshops (Lund and Athens)
- 4 national roadshows
- 1 special issue of REHVA Journal
- ...

Focused technology workshops

- **Focus area ventilation and airtightness:**
 - March 16-17 2015 in Lund → **Presentation at 2nd conference**
 - With support from TightVent, venticool, AIVC and REHVA.
- **Focus area sustainable summer comfort:**
 - March 9 – 10 2016 in Athens → **Presentation at this conference**
 - With support from the European Cool Roof Council, ES-SO, venticool and AIVC + ...
- **Focus area transmission losses:**
 - October 2016 in Brussels → **Presentation at conference in February 2017**
 - With support from EURIMA + ...
 - Other stakeholders organisations who are interested to support this conference should contact INIVE
- **Focus area renewables in multi-energy systems:**
 - January 17-18 2017 in Lyon → **Presentation at conference in February 2017**
 - Stakeholders organisations who are interested to support this conference should contact INIVE or François Durier

April 21
Roadshow event
in this auditorium

'10 years of EPB in
Flemish Region'

The poster features a grey concrete background with the text '10 Jaar EPB in Vlaanderen' embossed in it. A large orange circle on the right contains the event details. Logos for 'ie-net', 'wtcb.be', 'VLAAMS ENERGIEAGENTSCHAP', and 'dD QUALICHECK' are positioned on the left side. A red banner at the top right contains the text 'Expertgroep Bouwfysica, Gebouwentechiek en Architectuur - i.s.m. WTCB en VEA'.

ie-net
INSPIRED BY ENGINEERS

Expertgroep Bouwfysica, Gebouwentechiek en Architectuur - i.s.m. WTCB en VEA

10 Jaar EPB
in Vlaanderen

STUDIEDAG
21 april 2016
Auditorium Hadewych,
Hendrik Consciencegebouw -
Vlaamse Overheid

**10 jaar EPB in
Vlaanderen**

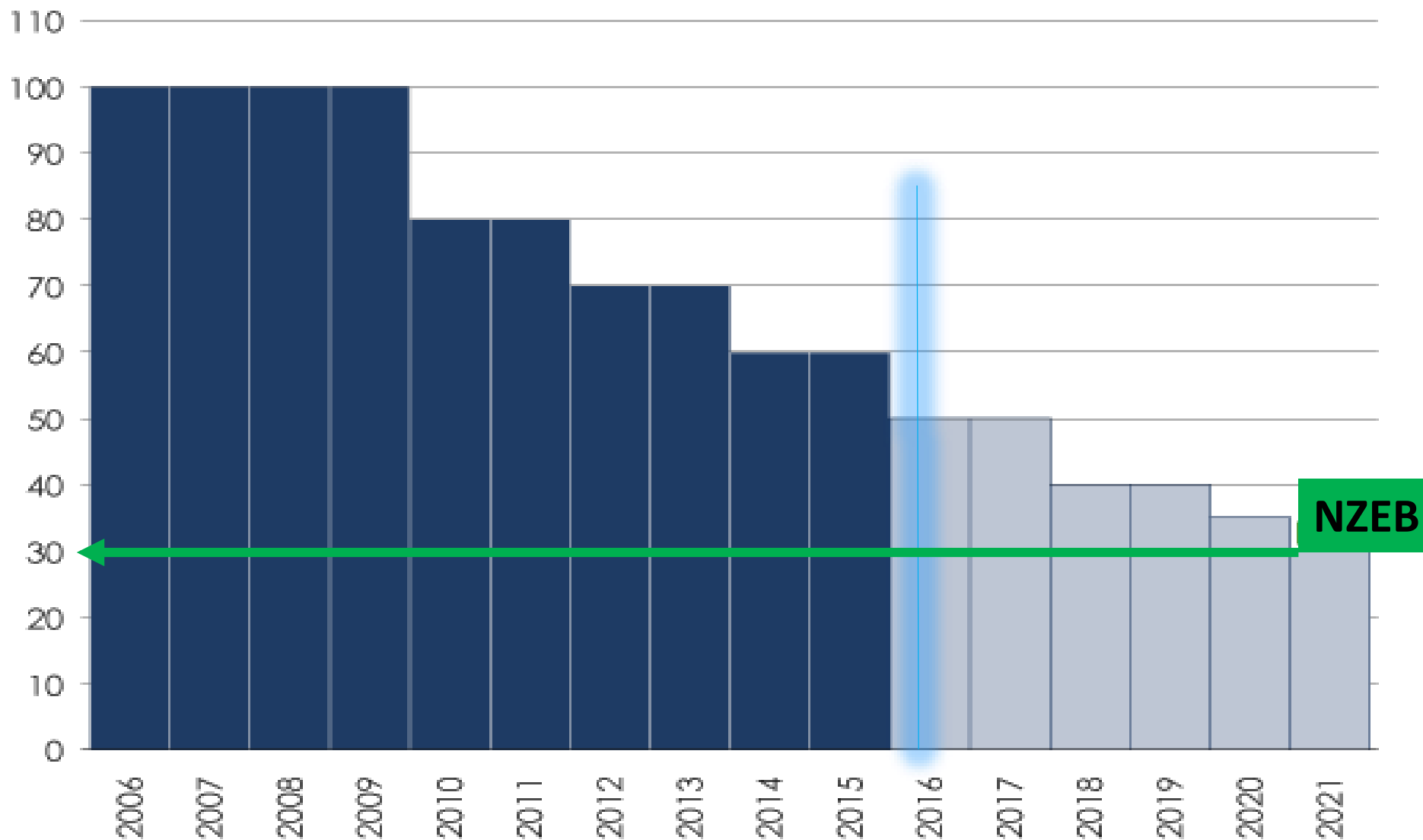
wtcb.be
Wetenschappelijk Technisch Centrum voor de Bouw

**VLAAMS
ENERGIEAGENTSCHAP**

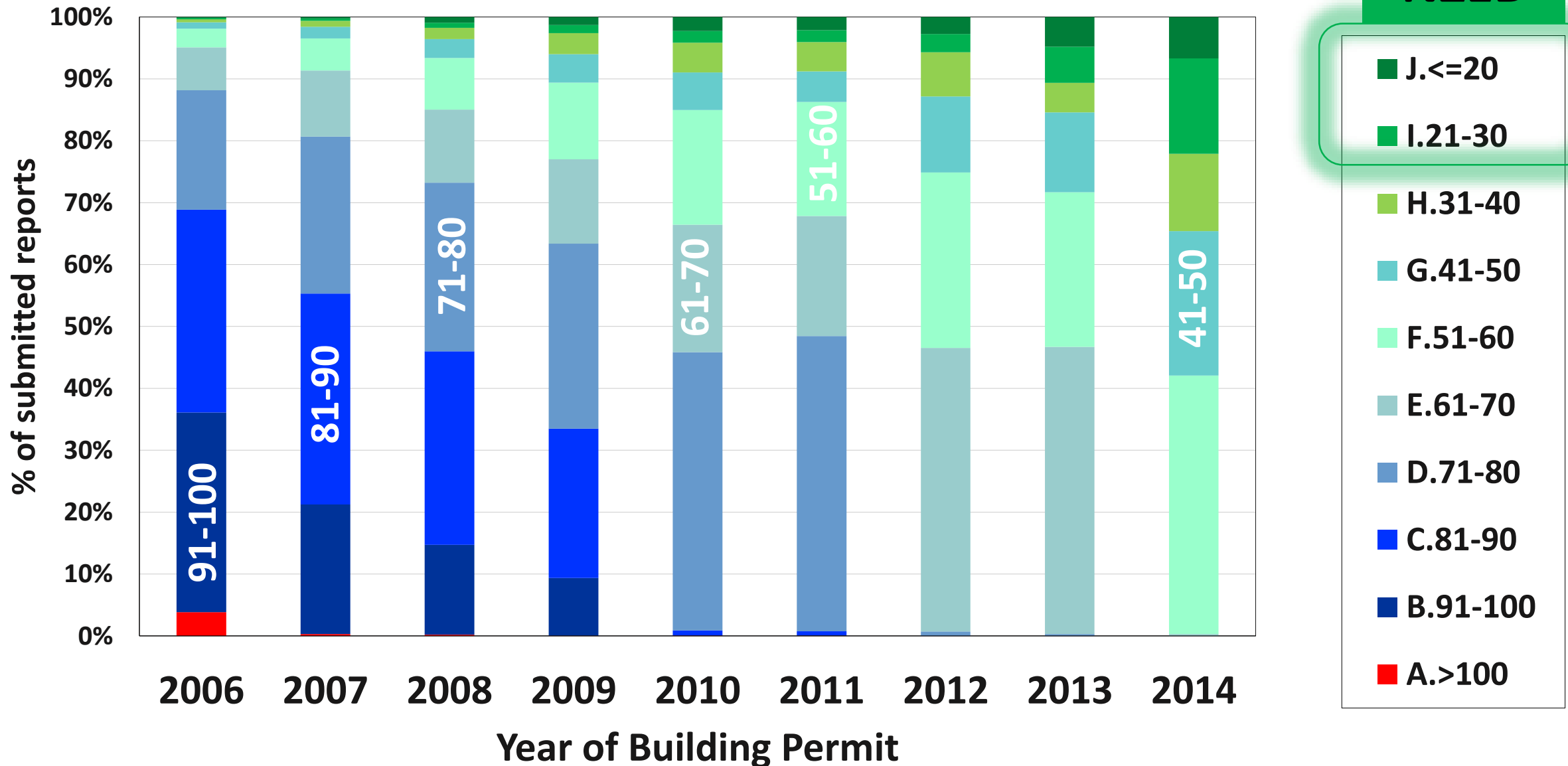
dD QUALICHECK



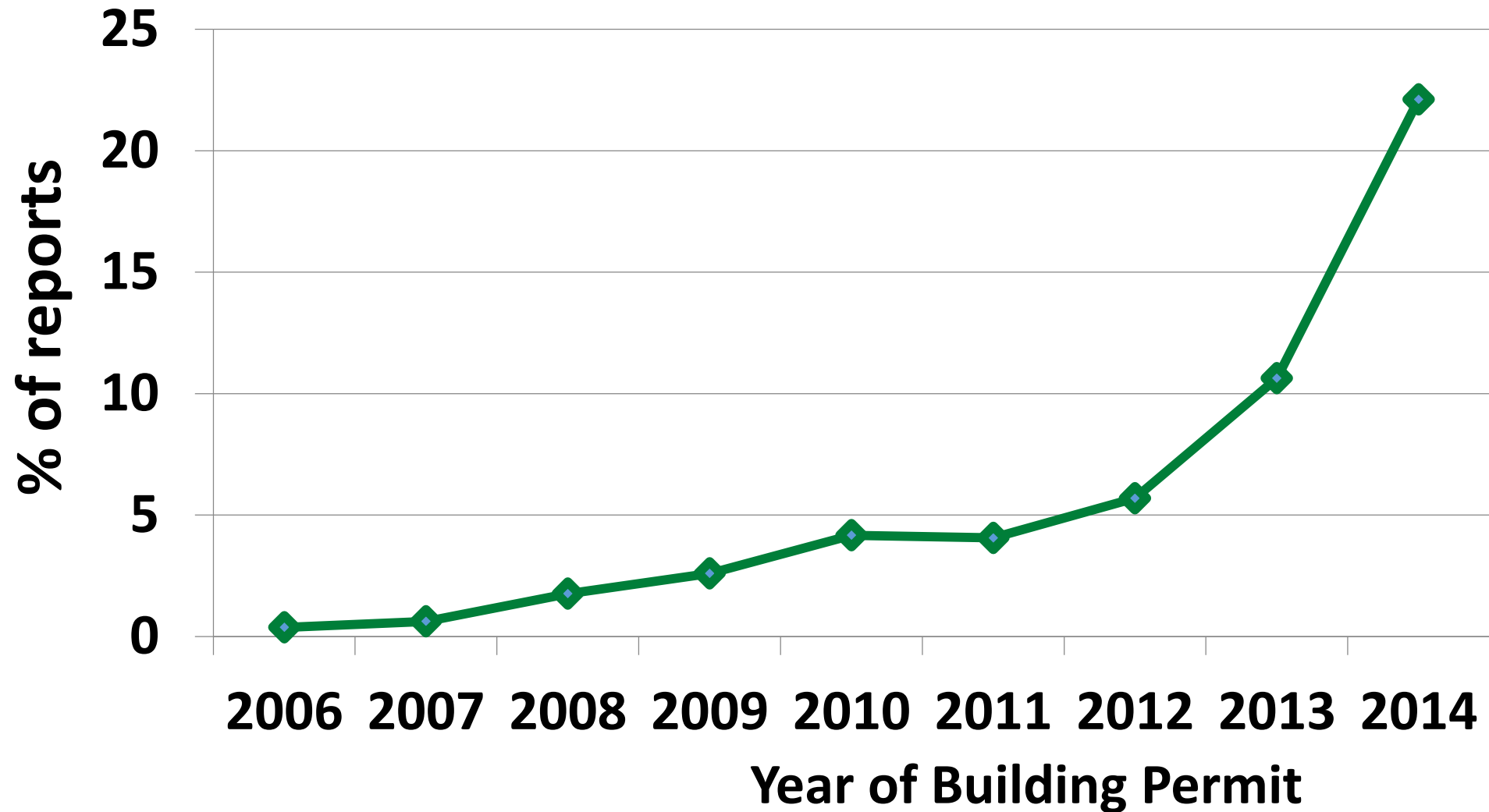
Evolution of requirements



Evolution of E-level for dwellings

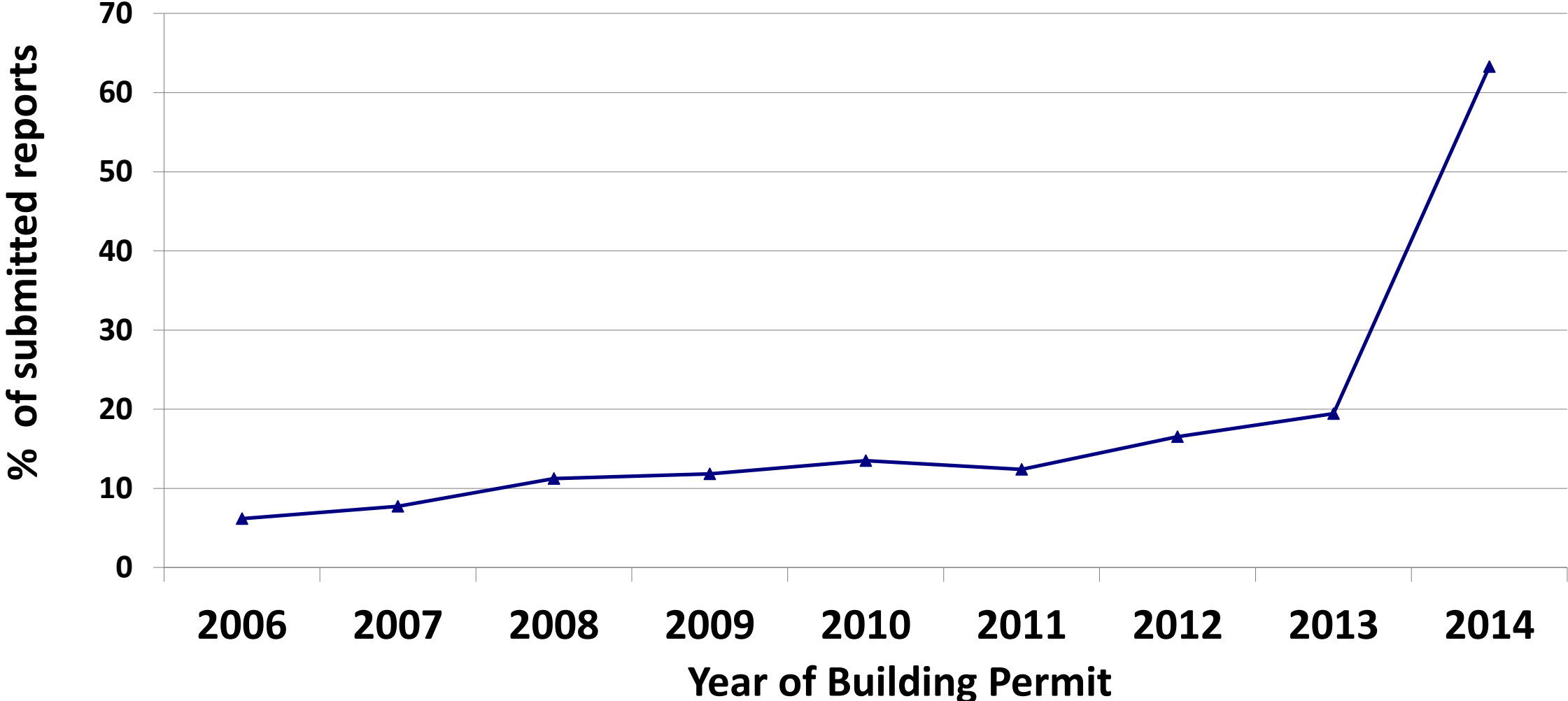


% of dwellings meeting NZEB requirements



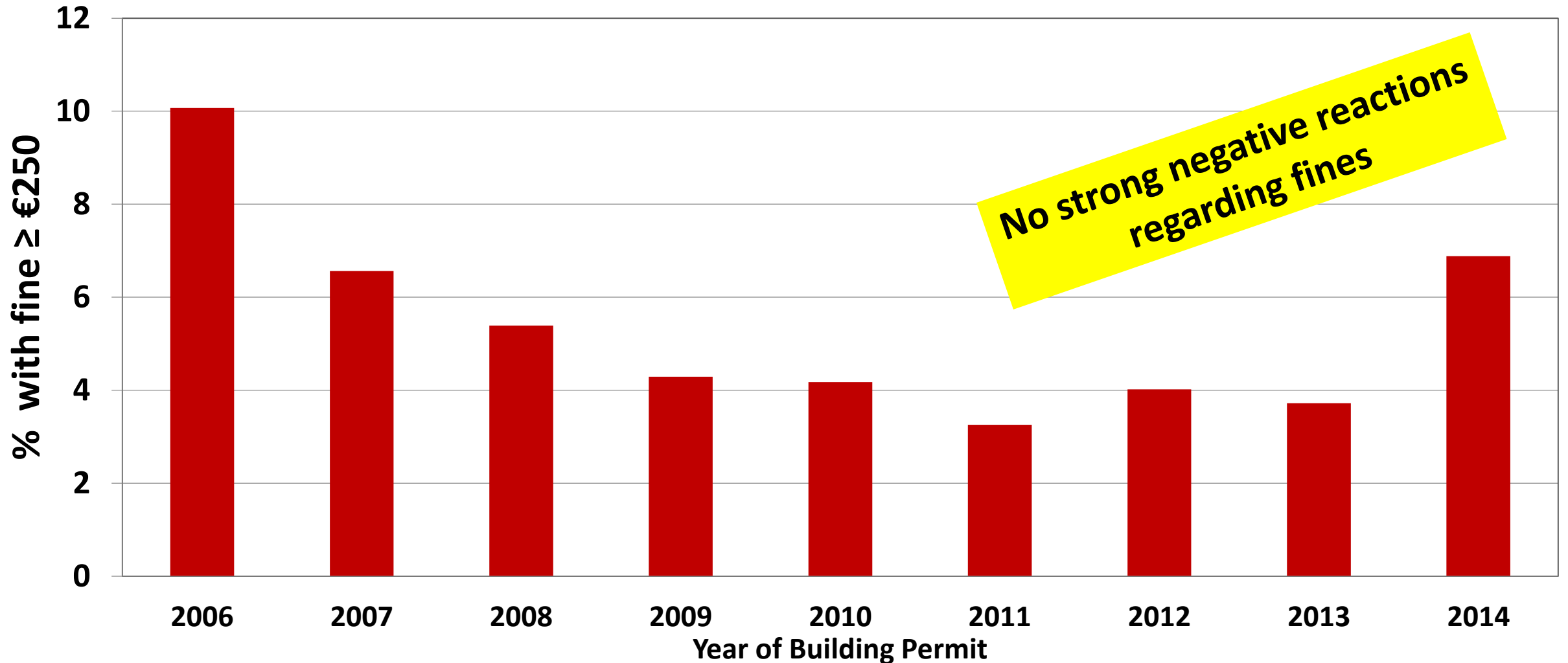
Renewable energies

% of EPB-reports for dwellings with heat pump, solar collector or PV panels

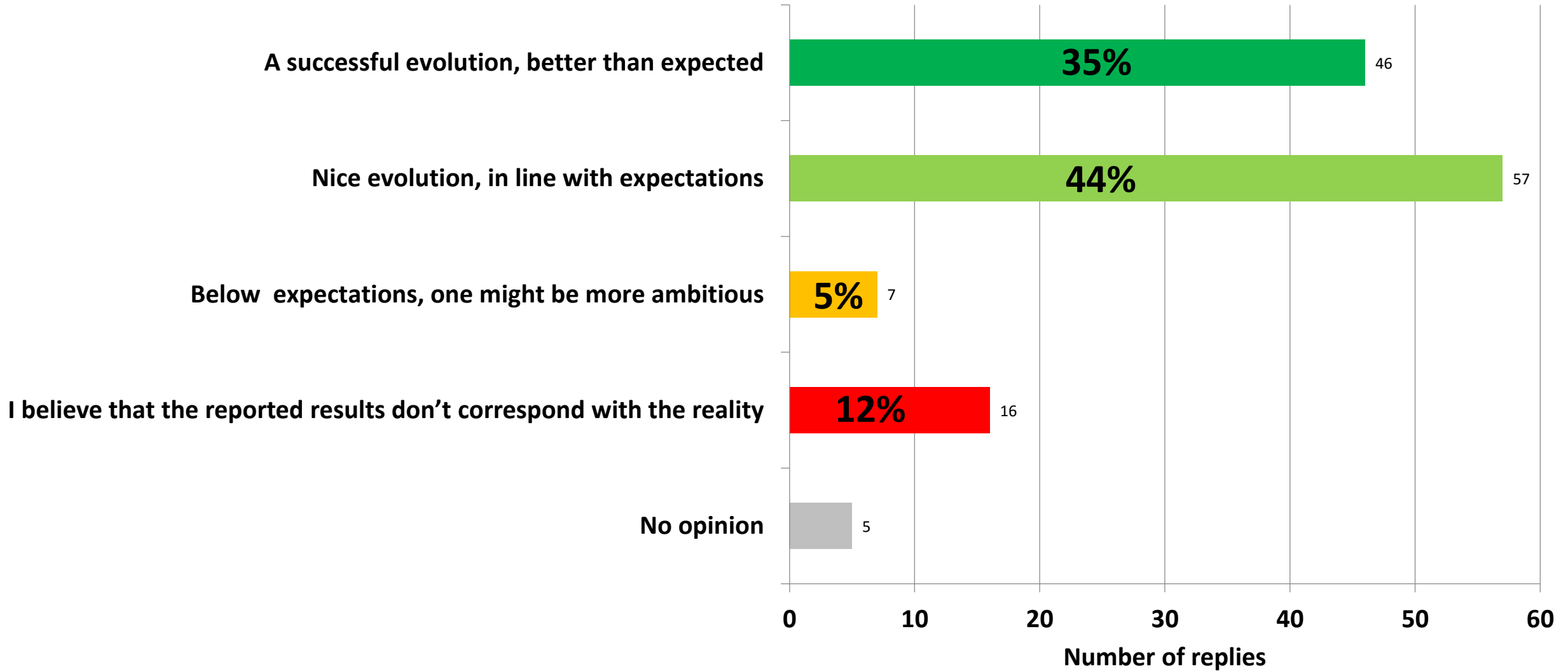


Compliance checks and enforcement

% which don't comply with the requirements → sanction of $\geq 250\text{€}$



How do you assess the evolution of the EPBD results over the period 2006-2016 (for new dwellings)



SESSION 1:

Overall
context and
status on the
ground

SESSION 2:

Towards better
frameworks for
EPC compliance

SESSION 3:

Easy access to
EPC input data

SESSION 4:

Quality of the
works and
policy issues

Brussels workshop on Transmission aspects October 2016

Points of attention:

Thermal insulation - Thermal bridges – Windows –
Glazing - New insulation materials - ...

FUTURE EVENTS

Lyon workshop January 17-18 2017

Renewable heating and cooling systems for buildings

**Securing the compliance of product data and the quality of installed systems
to reach high level of energy performance**

FUTURE EVENTS

4th QUALICHeCK conference

- ▶ When: Tuesday 21st February 2017
- ▶ Where: Brussels – same place
- ▶ Objectives:
 - Final results of QUALICHeCK project
 - How to continue collaboration around these topics?

FUTURE EVENTS

Practical aspects for today...

- ▶ Coffee breaks – lunch - reception:
 - Outside – opposite site of corridor
- ▶ Toilettes:
 - Outside to the right (50 meters)
- ▶ On-line survey after the conference
- ▶ Presentations will become available on the website

QUALITECK Conference 201



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Programme of the European Union

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