Why QUALICHeCK?

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You expect a reliable label

...and you expect a good quality
You expect a reliable label

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Better energy performance increases value of buildings
Important that certificates are reliable
Important that the overall quality of the buildings is OK

Source: G. Sutherland
Legislation and market:
Important that new requirements result in market change…

Our own experiences in Belgium…

… and that the reported performances are reliable
Impact of legislation?
Results of Belgian SENVIV-study

Average thermal insulation level

Date of building permit

- Individual dwellings
- Apartments

1998
Results for different periods...

Nearly no impact
Not evident that legislation is respected...

Individual dwellings  Apartments

- No requirements
- Maximum K65
- Maximum K55

1998
2 major objectives with respect to new legislations

• 1st objective:
  Creation of the necessary boundary conditions to guarantee that legislation is respected

  “People do what they declare”

• 2nd objective:
  Requirements (type, level) should meet the (progressing) needs
Poor design and execution

• Energy performances critical
• IAQ problematic
• acoustics
• Maintenance
• ...

QUALICheck
Towards better quality and compliance
Some techniques are by many installers well applied, but bad results kill market..
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 claimed energy performance 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’.
QualiCheck project (2014-2017)

Status of compliance and quality on the ground

Easy access of **reliable** EPC input **data**

Towards more **quality** of the works

Towards better **compliance** and effective penalties

Solutions
4 focus areas in QUALICHeCK

- Transmission characteristics
- Ventilation and airtightness
- Sustainable summer comfort techniques
- Renewables in multi-energy systems
Welcome to MED-ENEC.com

In order to reduce both energy supply requirements and the ever-growing impact on the environment of inefficient buildings and installations, the MED-ENEC Project on Energy Efficiency in the Construction Sector in the Mediterranean is aiming to boost Energy Efficiency measures (EE) and the use of Renewable Energies (RE) in the construction sector.

Enforcement of Energy Efficiency Building Code - MED-ENEC's 4th Regional Workshop
Progress in the region so far

Figure 8 illustrates the progress so far, based on the input given by the participants of the MED-ENECEEBC workshop held in April 2013.

The step where most progress has been made gets 5 points, the next 4 and so on. The figure shows the cumulated results for all countries that participated. The figure shows that almost all countries have defined their targets (step 1) and have a strategy (step 2) but enforcement and evaluation still need to progress.

Figure 8: Most progress has been made in the first steps: targets and strategies.

Little progress with respect to ENFORCEMENT

Source: MED-ENECEEBC Roadmap workshop, April 2013
Priorities for next steps
In most MED-ENEC countries enforcement is considered as most urgent and challenging, see Figure 9 below. The bars in the chart represent the cumulated priority assigned to each step during the MED-ENEC EEBC workshop held in April 2013, in Tunis. 5 points go to each country's first priority, the second got 4 points and so on.

Figure 9: Enforcement and implementation: the most urgent issues.
Priority by steps

ENFORCEMENT is considered the most urgent issue
Within the framework of the cooperation between the EU funded MED-ENEC Project and the Housing Department of the League of Arab States (LAS), MED-ENEC organized a regional workshop titled “Energy Efficiency Building Code – Enforcement and Evaluation” on 15 September, 2014 at Semiramis Intercontinental Hotel in Cairo, Egypt.
Reliable EPC’s
Good Quality of the Works