

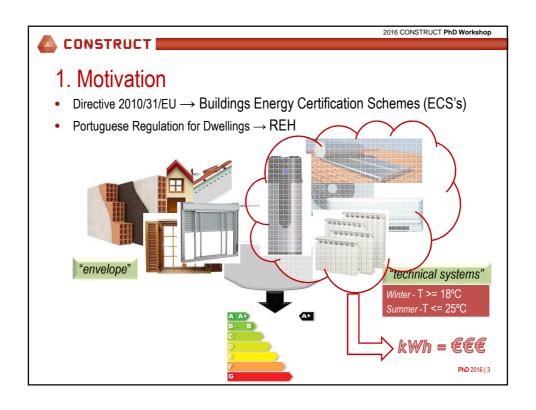


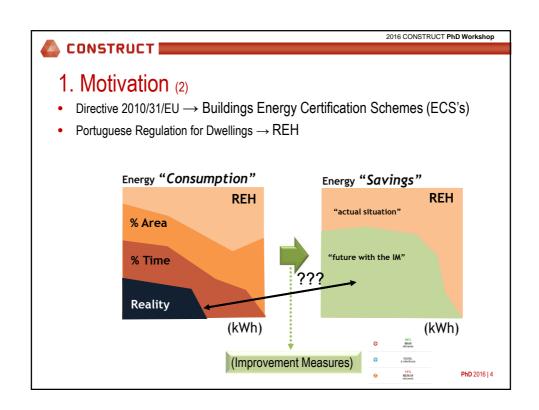
2016 CONSTRUCT PhD Workshop

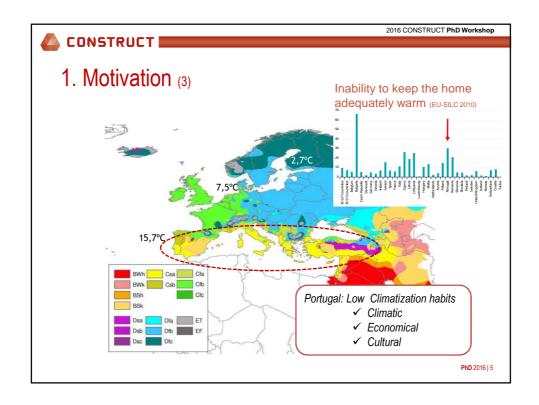
Summary

- 1. Motivation
- 2. Objectives
- 3. Methodology
- 4. First results Conclusions

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1. Motivation (4)

Buildings / Rehabilitation / Market opportunities:

- ✓ Portugal: 3,5M buildings / 5,8M dwellings / 2,5M buildings before 1990 (1st thermal reg.)
- ✓ 35% needing some type of intervention 1,2 Million!
- ✓ ECS (2007-15): <u>670 000 EC's</u> ~(408m RCCTE + 262m REH) > <u>150 M € !!</u>
 - ✓ <u>Impact</u> in construction sector? <u>Energy Real Savings</u> for user?
 - ✓ Contribute to the <u>20-20-20 strategy</u> and other European policies?
 - ✓ And last but not least…







... Are we feeling more comfortable inside our homes?

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1. Motivation (5)

So, we need to take a critical look to the problem, concerning our climate and real habits ...

It's fundamental to define solutions which ensure not only energy efficiency, but also thermal comfort and reasonable investments to our budgets expectations and climatization habits.

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