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# Shaping Europe's Energy Strategy and approaches in Portugal



Agência para a Energia

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Brussels, 8th November 2016

# Energy Efficiency in Portuguese households

## Buildings in Portugal

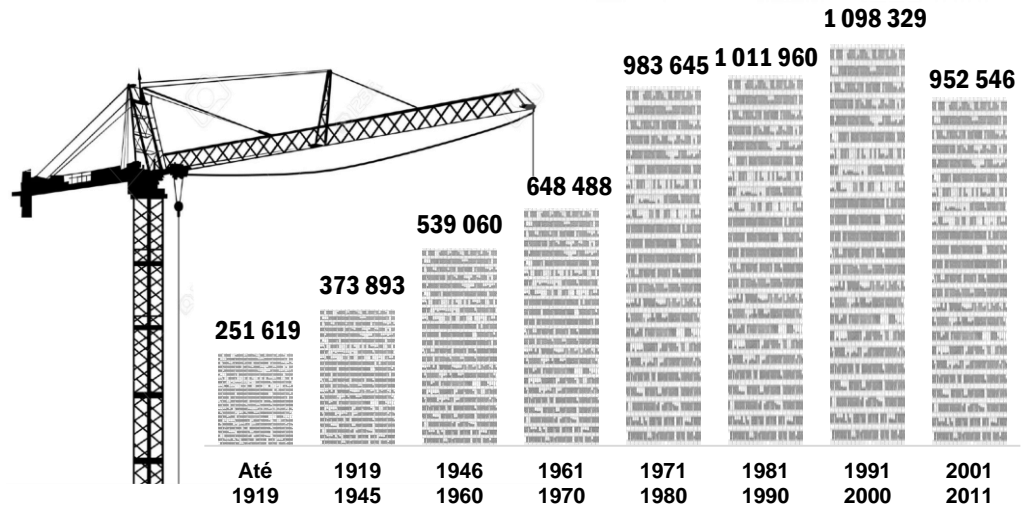


### NUMBER OF HOUSING BY DATE

#### BUILDINGS 1-2 HOUSEHOLDS

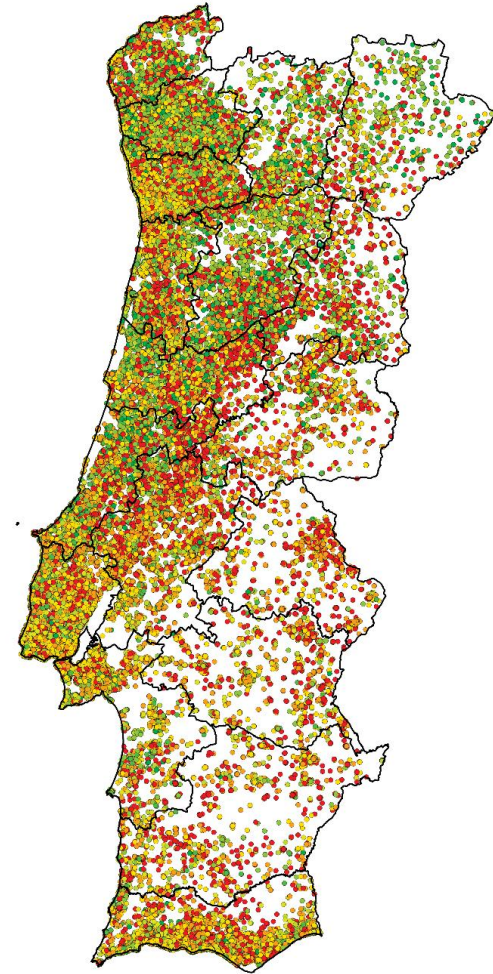
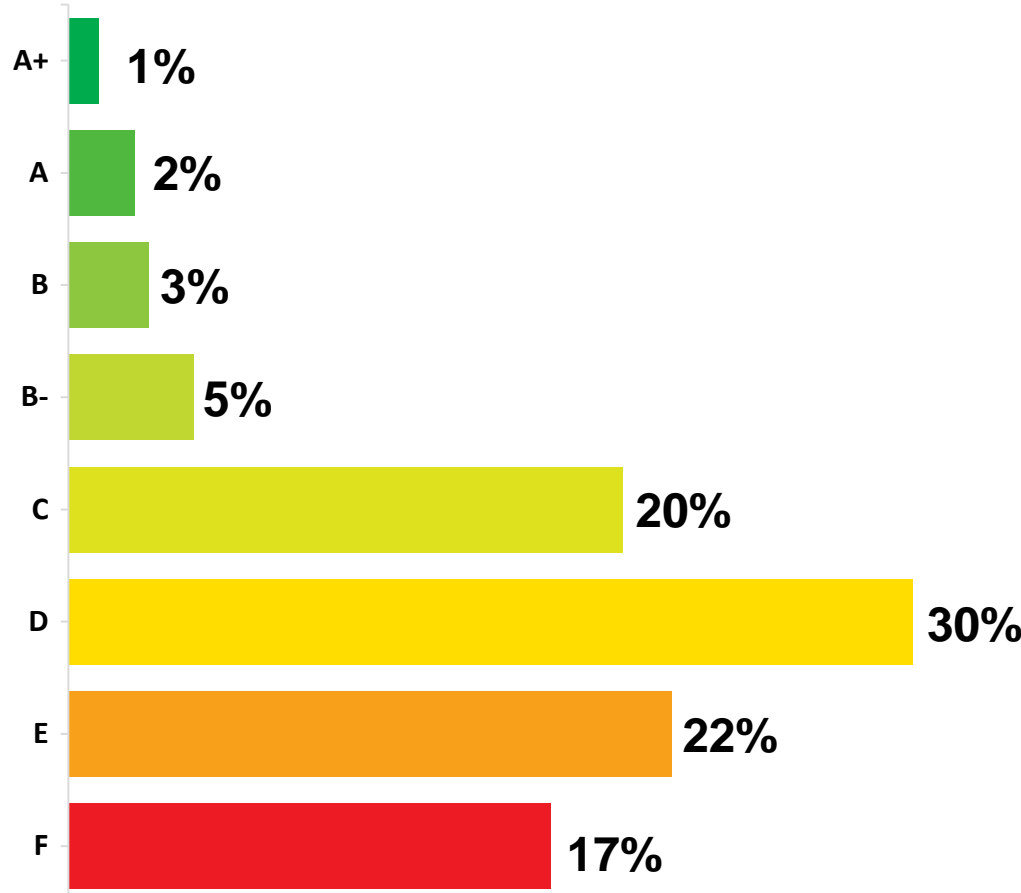


#### BUILDINGS 3+ HOUSEHOLDS



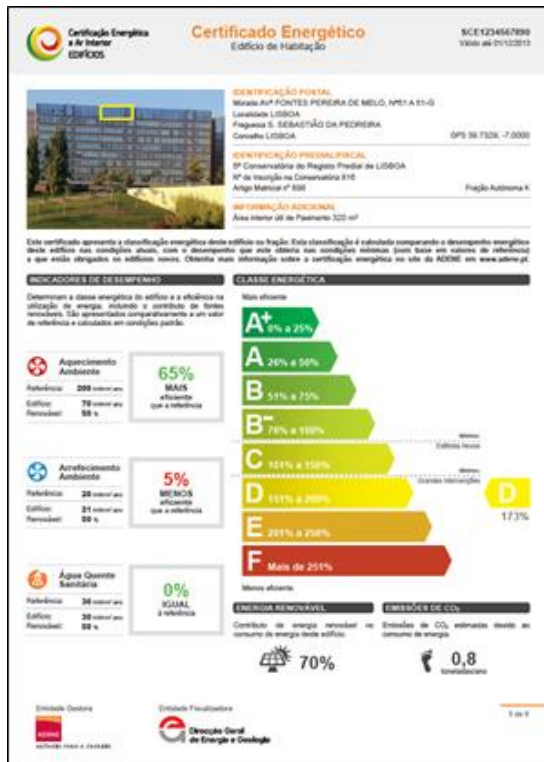
# ENERGY EFFICIENCY IN HOUSEHOLDS

## Portugal – Energy classes

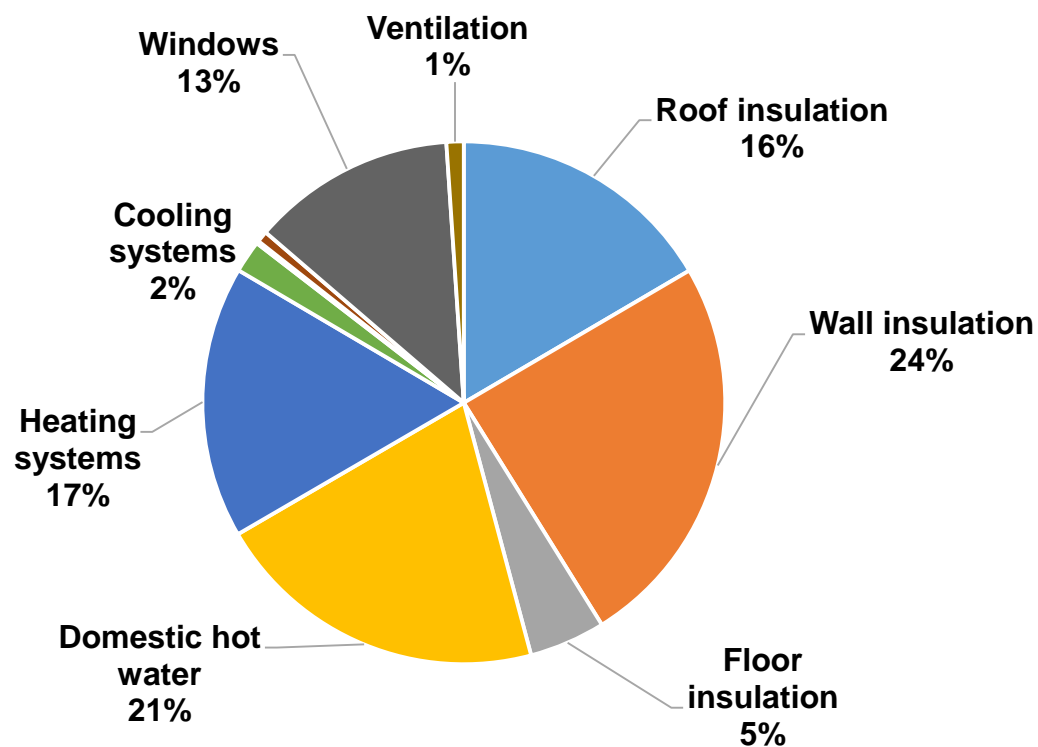


# ENERGY EFFICIENCY IN HOUSEHOLDS

## Portugal – improvement measures



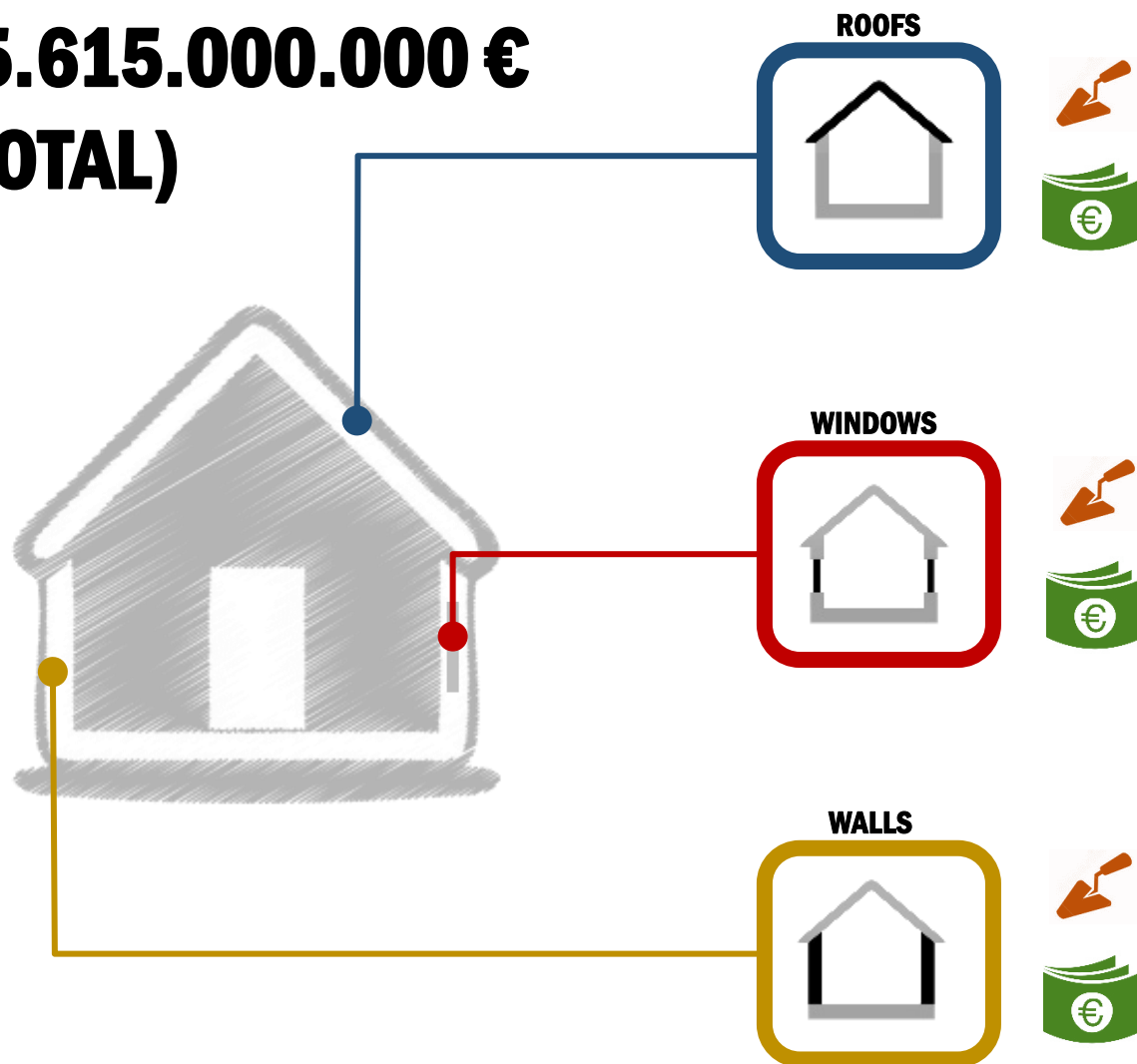
### Identified improvement measures



# ENERGY EFFICIENCY IN BUILDINGS - OPPORTUNITIES

## Matching the repair potential with Energy Efficiency Potential

**15.615.000.000 €**  
**(TOTAL)**



**ROOFS**



**125.310.000m<sup>2</sup>**



**1.755.000.000 €**

[ ~ 14 €/m<sup>2</sup> ]

**WINDOWS**



**42.390.000m<sup>2</sup>**



**8.480.000.000 €**

[ ~ 200 €/m<sup>2</sup> ]

**WALLS**



**179.410.000m<sup>2</sup>**



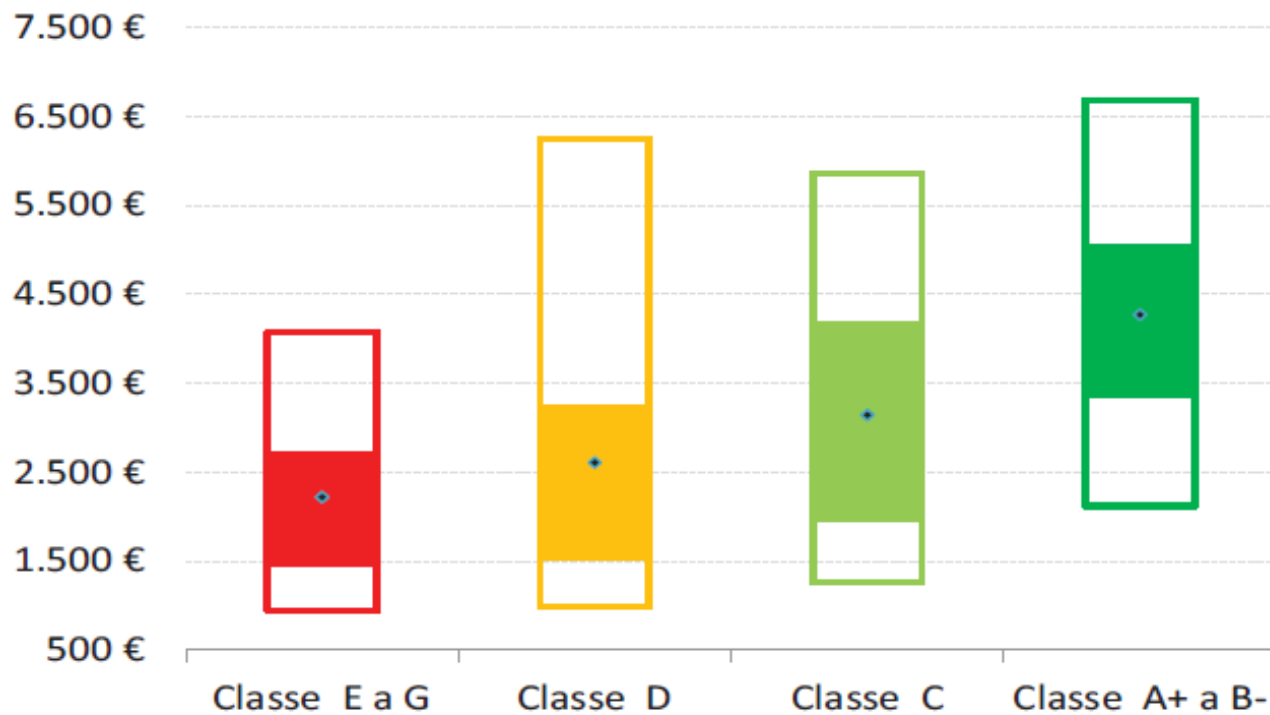
**5.380.000.000 €**

[ ~ 30 €/m<sup>2</sup> ]



# ENERGY EFFICIENCY IN BUILDINGS - OPPORTUNITIES

Transaction costs in Lisbon center in relation to energy class



# SCE in numbers

Main indicators of the Portuguese Energy Certification System for Buildings (SCE)



ENERGY PERFORMANCE CERTIFICATES (EPC)

# 1.126.081

9 in 10 are residential



# 7.576

Public buildings



# 9.356

Big non-residential



# + 21.500

QUALITY ASSESSMENTS PERFORMED



PQ: Issue Energy Performance Certificates

# 1966



TIM: Install and maintain technical systems

# 2691



# 1.879.127

## IMPROVEMENT MEASURES IDENTIFIED



INVESTMENT

# €5.000 Millions



SAVINGS

# up to €800 Millions



# 1.418.856

## SEARCHES FOR EPC ON THE SCE PORTAL



## ACCESS BY REAL ESTATE AGENCIES

# 279.386



# 150 MILLION ENTRIES

# 2.66TB

CODE LINES

# C++

# 168.717

# TABLES 462

# 427.294

EPCs uploaded via



# 100.000 EVERY 6 MONTHS



# CasA+ Hub

Moving closer supply and demand for energy efficiency



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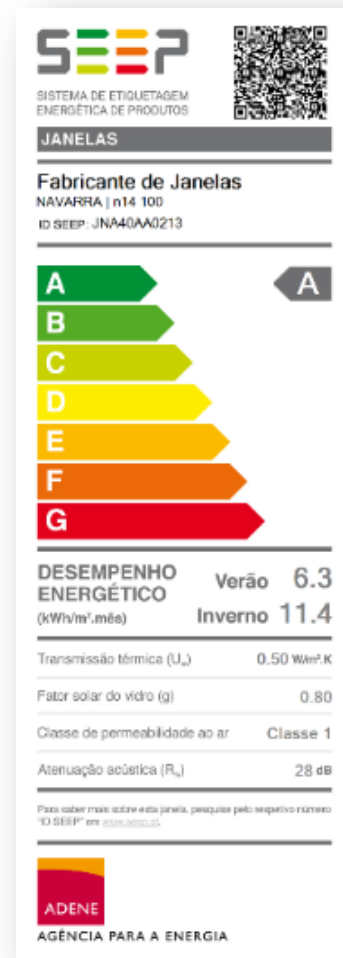
# ENERGY LABELLING OF NON-REGULATED PRODUCTS

Energy Efficiency Promotion



SISTEMA DE ETIQUETAGEM  
ENERGÉTICA DE PRODUTOS

- ✓ Priority to EU non-regulated products
- ✓ Integration with regulated products
  - ✓ Windows,
  - ✓ Lifts and escalators,
  - ✓ Paint,
  - ✓ Construction materials,
  - ✓ Car fleets, etc.



Brussels, 8<sup>th</sup> November 2016



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**Thank you!**



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