

# European Session – ENACT project

Giulianova, 22 June 2016

Overview of O1 - Energy Auditors competencies and  
professional profiles

Energy professional profile, certification and training in  
Portugal

Diogo Beirão



# O1 Energy Auditors competencies and professional profiles

- First intellectual outcome of ENACT project
- Results of the analysis and comparison of the National and European frames related to professional figures in the field of energy efficiency.
- Provides the basis to define a common professional profile of the *ENACT Energy Auditor* as well as ECVET training program and learning resources



# O1 Energy Auditors competencies and professional profiles

## Objectives

- Compare and analyze national and European frame of green jobs related to ENACT
- Furnish the bases to define a common professional profile of the Energy Auditor

## Methodology

- **Comparative** analysis of scenarios, state of the art and best practices in two dimensions:
  - **Institutional** - existing profiles and labour market dynamics, including governance models
  - **Sectorial** - relevant emerging scenarios in the field of auditors and green jobs (skills needs, learning outcomes and professional profiles).

# O1 Energy Auditors competencies and professional profiles - OUTPUTS

## Compared Report (O1A1)

- **Content** - training, qualification and certification system of energy auditors/managers in each partner country.
- **Structure** – institutional framework, training schemes and best practices
- **Outcomes:**
  - overview of all involved countries
  - identify possible areas for collaboration and/or sharing of expertise/experience in the field fo training of energy auditors.
  - build the conceptual frame of a common professional profile

# O1 Energy Auditors competencies and professional profiles - OUTPUTS

## Energy Audit Professional profile(s) Matrix (O1A2)

- **Comparative** analysis of the diverse qualifications:
  - define the **conceptual, methodological and operative base** of the *ENACT Energy Auditor* - profile, competences/knowledge and training schemas.
  - focus on the **common and diverse “bricks”** of the Energy Auditors related professional profiles at regional, national and European level.

# O1 Energy Auditors competencies and professional profiles - Energy professional profile, certification and training in Portugal

## Legislative and national qualification framework



Expert on energy certification of buildings



Local energy manager



SGCIE Auditor

# Energy professional profile, certification and training in Portugal - **Expert on energy certification of buildings**

## Legislative framework



Energy Performance Buildings Directive (Directive 2010/31/UE)  
Decree-law n.º 118/2013



System of energy certification of buildings  
The Energy Performance of Residential Buildings Regulation  
The Energy Performance of Non-Residential Buildings Regulation



Law n.º 58/2013 - access to the activity  
Ordinance no. 66/2014 – thematic contents of exam

# Energy professional profile, certification and training in Portugal - **Expert on energy certification of buildings**

## Qualification framework



### Requirements

- ✓ degree on engineering or architecture
- ✓ 5 years of professional experience on buildings construction or project
- ✓ Approval on an exam provided by ADENE



### Recognition

- Managed by ADENE
- 2 categories | residential buildings and non-residential buildings



### Training

- Not a requirement. ADENE promote 2 types of courses:
- Energy Performance of Residential Buildings Regulation
- Energy Performance of Non-Residential Buildings Regulation



## Legislative and qualification framework



- ☐ **Sector:** Central and Public Administration, under Public Sector Energy Efficiency Program (**Eco.AP**)
  - Resolution of Cabinet Council no. 2/2011
- ☐ **Training and recognition** managed by ADENE
- ☐ **Competences:** energy management of facilities and buildings of central and public administration

## Legislative and qualification framework



- ☐ Sector - facilities and installations with intensive energy consumption (> 500 toe/year)
  - Decree-Law no. 71/2008
- ☐ Recognition by ADENE
- ☐ Typology - single person or a company.
- ☐ Requirements
  - ✓ academic and professional experience.

# O1 Energy Auditors competencies and professional profiles

Thank you very much  
for your attention!

Diogo Beirão  
diogo.beirao@adene.pt