

## **PROJECT SUMMARY**

The fight against global warming, the mobilization of renewable energy (RE) and energy efficiency are major issues for all countries. Developing countries are particularly affected because their economic growth leads to very high consumption of energy resources, even though the depletion of fossil resources is at the heart of international concerns. Turkey has started a real RE policy since 2003. With a view to rapprochement with Europe, it must meet two major challenges: to increase its energy capacity from renewable energy and reduce its energy dependence related to natural gas. The EU, through the Energy-Climate Plan and Directive 2009/28/EC, set for each member state binding targets for RE production.

In their energy policy, France and Portugal have set ambitious targets to increase RE by 2020.

A first assessment of national plans has highlighted the shortcomings and the need to intensify efforts to achieve the three objectives announced for 2020. Identified gaps relate to the delay in implementation of policies by a lack of skilled staff working in the construction, renovation and building control. A key factor in improving energy efficiency lies in the qualification of workers. Faced with environmental requirements, the rise of needs, the need to ensure quality interventions in the construction, renovation and building control, it is essential to professionalize the actors. The consortium involved in this project consists of 8 partners from 4 countries: Turkey, Portugal, Italy and France. Participants include representatives of the professional branches and the training system. The purpose of the project is to facilitate access to the qualification for young people and increasing the skill level of professionals in the areas of installation, maintenance and optimization of heating and cooling systems using or not using RE. In light of regulatory changes, the specialization of staff, and the establishment of common benchmark descriptions become a priority for the mobility of people in the open European space. The project objective is to: ensure the transfer of a French certification "Renewable Energy Technician" to Turkey and Portugal, while adapting it to the context of the two countries. Transfer and adaptation of the French certification RET, inclusion of the local certification in the national qualification system, drafting of a European synthesis of RET training, designing a training program and transfer it to 30 trainers in TR and 30 trainers in PT experimental training session for 15 trainees in the 3 countries. Production of a CD-DVD presentation of the results "RET: Energy efficiency: good practices", a website, a poster for dissemination and valorization, 3 news letters and three seminars for dissemination of results. The impact of this project is to increase

the number of technicians responsible for installation, maintenance and optimization of energy and climate systems and to promote good practices.