



D.T1.2.4

CV profile of the operator in charge to implement Energy Plans

WP T1: Activity 1.2 Public operators' training needs and contents

The report defines a CV profile of coordinators and operators dealing with Regional Energy Plans, which includes definition of basic competence, knowledge and outcomes from the training courses implementation.

The CV profile will be updated and finalized after the implementation of training courses.

Prepared by	ENVIROS, s.r.o. Pavel Ruzicka, Katerina Maneva Mitrovikj
Project number and acronym	CE 1131 FIRECE
Lead partner	Chamber of Commerce of Venice Rovigo Delta-Lagunare
Address	Dykova 53/10, Praha, Czech Republic
Email	pavel.ruzicka@enviros.cz
Date, venue	29th June 2018, Prague



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Introduction

The FIRECE project aims to contribute to the implementation of the Regional Energy Plans to achieve the targets on energy efficiency and renewable energy sources planned at EU and national level with particular attention to industry.

The report defines a CV¹ profile of coordinators and operators dealing with Regional Energy Plans, which includes definition of basic competence, knowledge and outcomes from the training courses implementation.

The CV profile will be updated and finalized after the implementation of training courses.

1 CV profile

A CV profile as understood by FIRECE project is a definition of competences, knowledge, qualifications and expertise that the coordinators and operators dealing with Regional Energy Plans should have in order to efficiently implement and manage the plans.

The profile is based on the structure of the training course (see chapter 2) and is defined for each training module. Thus the CV profile can be derived for both the operators of Energy Plans and the operators of financial instruments and other mechanisms.

The aim of the training part of FIRECE project is to provide the training course users with such expert information in order they are able to meet the requirements defined in the profile.

2 Training course structure

The training course is divided into five basic thematic blocks; each block consists of several modules that focus on specific topics. The training course is designed to cover 40 hours.

¹ Curriculum Vitae



Block 1: EU Energy Policy and Objectives

- 1.1 EU energy-related strategy and policy documents
- 1.2 Energy Efficiency, Renewable Energy Sources and Greenhouse Gases goals
- 1.3 Current situation in the EU
- 1.4 Role of the Industry
- 1.5 Support for the Industry

Block 2: Management of Energy Plans

- 2.1 Developments of (regional) Energy Plans
- 2.2 Stakeholders and networking, participatory approach
- 2.3 Industry involvement
- 2.4 Local Energy Plans- SEAPs/SECAPs
- 2.5 Monitoring and evaluation, indicators

Block 3: Development of Financial Instruments

- 3.1 Financial mechanisms
- 3.2 Public support mechanisms
- 3.3 ERDF & Financial Instruments
- 3.4 Energy Performance Contracting
- 3.5 Development process
- 3.6 Monitoring and evaluation, indicators

Block 4: Monitoring the Impact of Public Investment

- 4.1 Monitoring and evaluation, indicators
- 4.2 Methodologies
- 4.3 Program/Project level monitoring

Block 5: Support for SMEs to Invest into Energy Efficiency

- 5.1 Barriers restricting SMEs investments in energy efficiency
- 5.2 Energy to become priority
- 5.3 Non-financial instruments
- 5.4 Experience of SMEs and operators



3 Training blocks with CV profile

3.1 Block 1: EU Energy Policy and Objectives

Block title: 1. EU Energy Policy and Objectives

Block description: The block provides information on the European targets in energy efficiency, renewable energy sources and reduction of greenhouse gas emissions, and the support in the industry sector in achieving them

Hours: 4

Module title	Module description	Hours	CV profile
1.1 EU energy-related strategy and policy documents	The module introduces the European strategies in energy and climate policy.	1	The trainee will be introduced with the policies and measures of the EU strategy in energy and climate.
1.2 Energy Efficiency, Renewable Energy Sources and Greenhouse Gases goals	The module presents the EU three key targets for the year 2020/2030.	0,5	The trainee will understand the importance of the activities that have to be taken for achieving the Energy Efficiency, Renewable Energy Sources and Greenhouse Gases goals.
1.3 Current situation in the EU	The module presents the current situation in EU and its Member States.	1	The trainee will be able to compare the current situation with the targets set.



Module title	Module description	Hours	CV profile
1.4 Role of the Industry	The module points out the industry as an important energy section in reaching the EU targets.	0,5	The trainee will be informed with the existence of different strategies in Industry sector.
1.5 Support for the Industry	The module introduces different types of support schemes for industry to implement energy efficiency measures and use renewable energy sources.	1	The trainee will be able to understand a variety of existing industry support mechanisms.



3.2 Block 2: Management of Energy Plans

Block title: 2. Management of Energy Plans

Block description: The block provides knowledge on the development, implementation and management of Energy Plans, in particular at regional level

Hours: 9

Module title	Module description	Hours	CV profile
2.1 Developments of (regional) Energy Plans	The module explains the (regional) energy planning and the energy pathways in achieving the EU targets.	4	The trainee will understand the role of the regional energy plans and the set of measures and activities that are comprised in them.
2.2 Stakeholders and networking, participatory approach	The module presents the involvement of the main stakeholders in the Energy Plans development.	1	The trainee will understand the importance of participation of the stakeholder bodies in the energy planning.
2.3 Industry involvement	The module shows the involvement of the industry through different energy efficiency measures and activities.	1	The trainee will be introduced with a list of interventions and suggestions in industry to reach energy efficiency.



Module title	Module description	Hours	CV profile
2.4 Local Energy Plans- SEAPs/SECAPs	The module explains the (local) energy plans developed by cities and municipalities and the energy pathways in achieving the EU targets.	2	The trainee will become familiar with the strategic plans that local authorities develop and adopt under the Covenant of Mayors for Climate and Energy.
2.5 Monitoring and evaluation, indicators	The module presents the efficiency and the impact of the overall performance of the Energy Plans.	1	The trainee will be introduced with the evaluation of the Energy Plan preparatory development and the Energy Plan implementation, i.e. ex-ante and ex-post evaluation processes. ²

² These processes will be further introduced in the block 4.



3.3 Block 3: Development of Financial Instruments

Block title: 3. Development of Financial Instruments

Block description: The block provides knowledge on how to develop, manage, monitor and evaluate financial mechanisms with particular focus on (innovative) financial instruments

Hours: 15

Module title	Module description	Hours	CV profile
3.1 Financial mechanisms	The module introduces existing financial mechanisms for EE/RES support.	4	The trainee will become familiar with types of financial mechanisms that exist for support of EE/RES in SMEs.
3.2 Public support mechanisms	The module details financial mechanisms that can be provided by public operators in order to financially support EE/RES projects in SMEs.	4	The trainee will understand what possibilities the public sector has to financially support EE/RES investments of SMEs.
3.3 ERDF & Financial Instruments	The module introduces financial instruments, with specific focus on schemes that combine ERDF funding in form of grants and soft loans.	4	The trainee will be informed with the implementation of the financial instruments, including their combination with ERDF through OPs.



Module title	Module description	Hours	CV profile
3.4 Energy Performance Contracting	The module presents the mechanism of the development, financing, and implementation of projects to improve energy efficiency financing through EPC.	1	The trainee will become familiar with the energy services of Energy Service Companies (ESCOs) providing financial solutions for the realization of the EE/RES projects.
3.5 Development process	The module provides the development processes of the innovative financial mechanisms through different forms and packages.	1	The trainee will understand the variety of existing financial mechanisms and their evaluation.
3.6 Monitoring and evaluation, indicators	The module presents the efficiency and the impact of the implementation and the evaluation of the financial instruments.	1	The trainee will be introduced with the financial schemes of the preparatory development and the implementation of financial instruments, i.e. ex-ante and ex-post evaluation processes. ³

³ These processes will be further introduced in the block 4.



3.4 Block 4: Monitoring the Impact of Public Investment

Block title: 4. Monitoring the Impact of Public Investment

Block description: The block provides information on monitoring the impact of public investment, and relevant methodologies and monitoring indicators

Hours: 8

Module title	Module description	Hours	CV profile
4.1 Monitoring and evaluation, indicators	The module presents the monitoring and evaluation of an efficiency and impact of the Public Investment.	2	The trainee will be introduced with the evaluation of the Public Investment preparatory phase development and its implementation, i.e. ex-ante and ex-post.
4.2 Methodologies	The module presents existing methodologies and procedures for evaluation of both Energy Plans and Financial Instruments.	4	The trainee will become familiar with existing ex-ante and ex-post methodologies used in monitoring and evaluation processes.
4.3 Program/Project level monitoring	The module provides a set of indicators to be used for monitoring of programme and project indicators.	2	The trainee will understand the monitoring processes at both programme and project level, and the criteria/indicators that can be used.



3.5 Block 5: Support for SMEs to Invest into Energy Efficiency

Block title: 5. Support for SMEs to Invest into Energy Efficiency

Block description: The block provides instructions on support for SMEs to invest into Energy Efficiency via help desks, workshops, bilateral coaching, as well as examples of concrete case studies

Hours: 4

Module title	Module description	Hours	CV profile
5.1 Barriers restricting SMEs investments in energy efficiency	The module introduces the existing barriers that make it difficult for SMEs to invest in EE projects.	1,5	The trainee will become familiar with the financial, institutional and administrative barriers that hinder SMEs from investing into EE measures.
5.2 Energy to become priority	The module is focused on the key element that stems from the EU EE/RES future targets and the benefits of energy efficiency improvements	1	The trainee will be informed in details on Energy Efficiency and the importance of the investments in energy savings.
5.3 Non-financial instruments	The module introduces the possible implementation of non-financial instruments to support SMEs.	1,5	The trainee will be introduced with different non-financial instruments, e.g. technical assistance and voluntary agreements.