



Report on training modules for coordinators and operator in charge to implement energy plans

D.T1.2.2 Train the trainers module

D.T1.2.3 Training modules for operators

Activity T1.2 Public operators training needs and contents

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Introduction

The FIRECE project aims to contribute to the achievements of targeted results of Regional Energy Plans through an increased use of (innovative) financial instruments in the Central Europe area. The particular focus is on public support to industry to invest into energy efficiency and renewable energy sources.

Within the activity *A.T1.2 Public operators training needs and contents*, training modules for coordinators and operators in charge to implement the energy plans were developed.

The training modules (D.T1.2.2 and D.T1.2.3) provide main competence to coordinators and public operators to implement and manage innovative financial instruments (IFIs) for energy plans implementation, particularly concerning the Industry low-carbon transition.



Train the trainers module

Train the trainers workshop “Energy efficiency and renewable energy financial instruments for managing authorities - FIRECE project” took place on 17 and 18 January in Brussels. The workshop content was organized in cooperation with the *fi-compass* platform in a two-day course for regional coordinators and partners of the FIRECE project. The workshop provided knowledge and tools for monitoring Energy plans, developing ex-ante assessment procedures and financial schemes and assessing regional investments to Industry on EE/RES.

The *fi-compass* event was attended by over 40 representatives from managing authorities, national banks and other stakeholders involved in the FIRECE project.

The first day of the event was focused on the implementation options of the ESIF financial instruments and the combination of ESIF financial instruments with other forms of support in the programming period 2014-2020. Furthermore, the process of ex-ante assessment was presented extensively followed by a good example of ex-ante assessment for Energy Efficiency.

The Day 1 - course included the following presentations:

- ***fi-compass* platform and advisory support, Bruno ROBINO** - Head of *fi-compass*, European Investment Bank
- **ESIF financial instruments: setting the scene, Axel BADRICHANI** - Deputy Head of Financial Instruments and International Financial Institutions Relations Unit, Directorate-General for Regional and Urban Policy, European Commission and **Bruno ROBINO** - Head of *fi-compass*, EIB
- **Ex-ante assessment process, Anna ZUREK** - Financial Instruments Advisor, European Investment Bank
- **Overview of different structures and characteristics of financial instruments, Bruno ROBINO** - Head of *fi-compass*, EIB
- **Implementing options - applicable regulatory framework to financial instruments, Anna ZUREK** - Financial Instruments Advisor, EIB
- **Combination of financial instruments with other forms of support, Desmond GARDNER** - Financial Instrument Advisor, EIB



- **Case study from Lithuania, Desmond GARDNER** - Financial Instrument Advisor, EIB
- **Off-the-shelf financial instrument for energy efficiency, Desmond GARDNER** - Financial Instrument Advisor, EIB
- **Final remarks and conclusions, Bruno ROBINO** - Head of *fi-compass*, EIB

The second day of the workshop was focused on Energy Performance Contracting (EPC) and Energy Service Companies (ESCOs) including information on financing EPC with ESIF financial instruments and grants complemented by a number of good case studies such as the national EPC programme supported by ESIF grants in Slovenia, the London Energy Efficiency Fund financing EPC projects, etc.

The Day 2 - course included the following presentations:

- **Introduction to Energy Performance Contracting (EPC) and Energy Service Companies (ESCOs), Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB
- **EPC market in the EU, Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB
- **EPC arrangements - main features and provisions, Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB
- **Eurostat-EIB guidance on treatment of EPC in government accounts, Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB
- **Technical assistance available for EPC implementation, Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB
- **EPC case studies, Robert PERNETTA** - Financial Instrument Advisor, EIB and **Laurent BENDER** - Financial Instrument Advisor, EIB



During the whole programme of the workshop, practical experiences and peer-to-peer discussions were shared between the *fi-compass* experts and the participants from the FIRECE project regions.

Train the trainers' module (D.T1.2.2) has been developed jointly with the on-line training course (D.T1.2.3). Workshop presentations and additional *fi-compass* documents/case studies/videos and EC Regulatory Guidance documents are included in Block 3: Development of Financial Instruments and Block 4: Monitoring the Impact of Public Investment on the on-line training course.

Training modules for operators

An on-line training course for public operators and regional coordinators was developed within the activity *A.T1.2 Public operators training needs and contents*. The on-line course was designed so that the entire content of the training material is comprised and conducted within 40 hours. This course was used within the regional activities addressed to local public operators (D.T1.3.3) and followed up the front-desk sessions organized in all project partners regions.

The on-line training course consists of 5 thematic blocks. Each block contains several modules (minimum 3) with similar content structure.

1.1 Training blocks and modules

Block 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.

Module title	Hours
1.1 EU energy-related strategy and policy documents	1
1.2 Energy Efficiency, Renewable Energy Sources and Greenhouse Gases goals	0.5
1.3 Current situation in the EU	1
1.4 Role of the Industry	0.5
1.5 Support for the Industry	1

Block 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.

Module title	Hours
2.1 Developments of (regional) Energy Plans	4



2.2 Stakeholders and networking, participatory approach	1
2.3 Industry involvement	1
2.4 Local Energy Plans - SEAPs/SECAPs	2
2.5 Monitoring and evaluation, indicators	1

Block 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.

Module title	Hours
3.1 Financial mechanisms	4
3.2 Public support mechanisms	4
3.3 ERDF & Financial Instruments	4
3.4 Energy Performance Contracting	2
3.5 Monitoring and evaluation, indicators	1

Block 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

Module title	Hours
4.1 Monitoring and evaluation, indicators	2
4.2 Methodologies	4
4.3 Program/Project level monitoring	2

Block 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.

Module title	Hours
5.1 Barriers restricting SMEs investments in energy efficiency	1.5
5.2 Energy to become priority	1
5.3 Non-financial instruments	1.5

1.2 Training content structure

The thematic material in each training module is presented in a similar structure of content in the on-line course:

- Introduction
- Thematic presentation
- Source documents
- Source documents at national level
- Educational videos (Module 1.2)
- *fi-compass* documents (Modules: 3.1, 3.2, 3.3, 3.4, 4.2)
- *fi-compass* Case Studies and Videos (Modules: 3.1, 3.2, 3.3, 4.2)

The on-line course was developed to provide knowledge on EU energy policy and objectives, management of energy plans, development of financial instruments, monitoring the impact of public investment and how to support SMEs to invest into Energy Efficiency.

The *fi-compass* documents, case studies and videos were complemented in those modules that were thematically appropriate.



Access to the training modules

The on-line course is available at <http://firece.enviros.cz>. To access the training materials, user registration is required. The course is free of charge and the registration details (username and password) can be obtained by the project partner Enviros, contact person: pavel.ruzicka@enviros.cz.

Additionally, the users have the opportunity to download all training materials that are available as PDF, MS-DOC, XLS, PPT, and on-line videos.