

TAKING  
**COOPERATION**  
FORWARD



Block 3: *Development of Financial Instruments*



Module 3.2. Public support mechanisms



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The module details financial mechanisms that can be provided by public operators in order to financially support energy efficiency and renewable energy sources projects in SMEs



# CONTENT

- Overview of public support mechanisms
- National Development Banks
- Credit lines of International Financial Institutions
- Financial mechanisms available in the project partners regions
- Types of financial mechanisms in the project partner regions
- Types of Funding mechanisms
- Examples of financial support programs
  - National Development Banks
  - Credit Lines



FIRECE project is presenting the following financial mechanisms that are provided by public operators or by private operators with involvement of public financial sources:

- ERDF funding - operational programs at national level
- ERDF funding - operational programs at regional level
- National public funds
- Regional public funds
- Local public funds



FIRECE project is presenting the following financial mechanisms that are provided by public operators or by private operators with involvement of public financial sources:

- Financial instruments provided in combination with ERDF funding (operated by Operation Programs operators)
- Financial instruments provided by national or regional development banks
- Financial instruments provided by international financial institutions (through national commercial banks)-credit lines



ERDF (European Regional Development Fund) is one of the European Structural and Investment Funds that provides funding through national and regional Operational Programmes

It provides funding mostly in a form of grants; however, the intention of the European Commission is to provide the ERDF funding more through financial instruments which will enable to support a wider range of projects as the financial sources will be used repeatedly

*All about ERDF funding and its combination with financial instruments is presented in module 3.3.*



EPC encompasses development, performance and financing of projects to improve energy efficiency carried out by Energy Service Companies (ESCO).

EPC financing can be efficiently combined with ERDF funding:

- Part of the project is funded from ERDF, the rest is covered by EPC financing
- In some Operational Programmes, project that combine ERDF and EPC can get extra points in the evaluation process

*Detailed information about EPC is presented in module 3.4.*



# NATIONAL DEVELOPMENT BANKS

National development banks are financial institutions, created by a country's government, that provide financing for the purposes of economic development of the country - which may include also energy-related financing programs.

Similarly to national public funds, their programs usually complement the ERDF funding; however at the same time, they make use of the benefits of financial instruments.





# CREDIT LINES OF INTERNATIONAL FINANCIAL INSTITUTIONS

The credit lines are financial means provided by the International Financial Institutions (e.g. EBRD, EIB) through the local Participating Banks to finance resource efficiency, energy efficiency and renewable energy investment opportunities.

The credit line is usually supported by a comprehensive technical assistance package that underpins the demand for the financial facility, helps the borrowers to prepare loan applications and educate local bank officers in sustainable energy investment opportunities, credit appraisal methods and improving the investment climate.



# FINANCIAL MECHANISMS AVAILABLE IN THE PROJECT PARTNERS REGIONS

The financial mechanisms in the project partners regions include funding in a form of grants (usually from ERDF) and financial mechanisms (often soft loans).

The financial mechanisms are analyzed from different point of view, including:

- types of mechanisms
- types of measures that can be financed
- evaluation process



## Financing situation in EU Member States

- **New Member States (EU-13)**

*The regions from the EU-13 mostly rely on grants distributed from ERDF via Operational Programs (e.g. Poland, Hungary, Czech Republic)*

- **Old Member States (EU-15)**

*Funds are available from national or regional sources and commonly are provided in a form of financial instruments, such as soft loans or revolving funds (e.g. Austria, Italy, Germany)*

*The budget available from ERDF/OPs still prevails in the EU Member States*

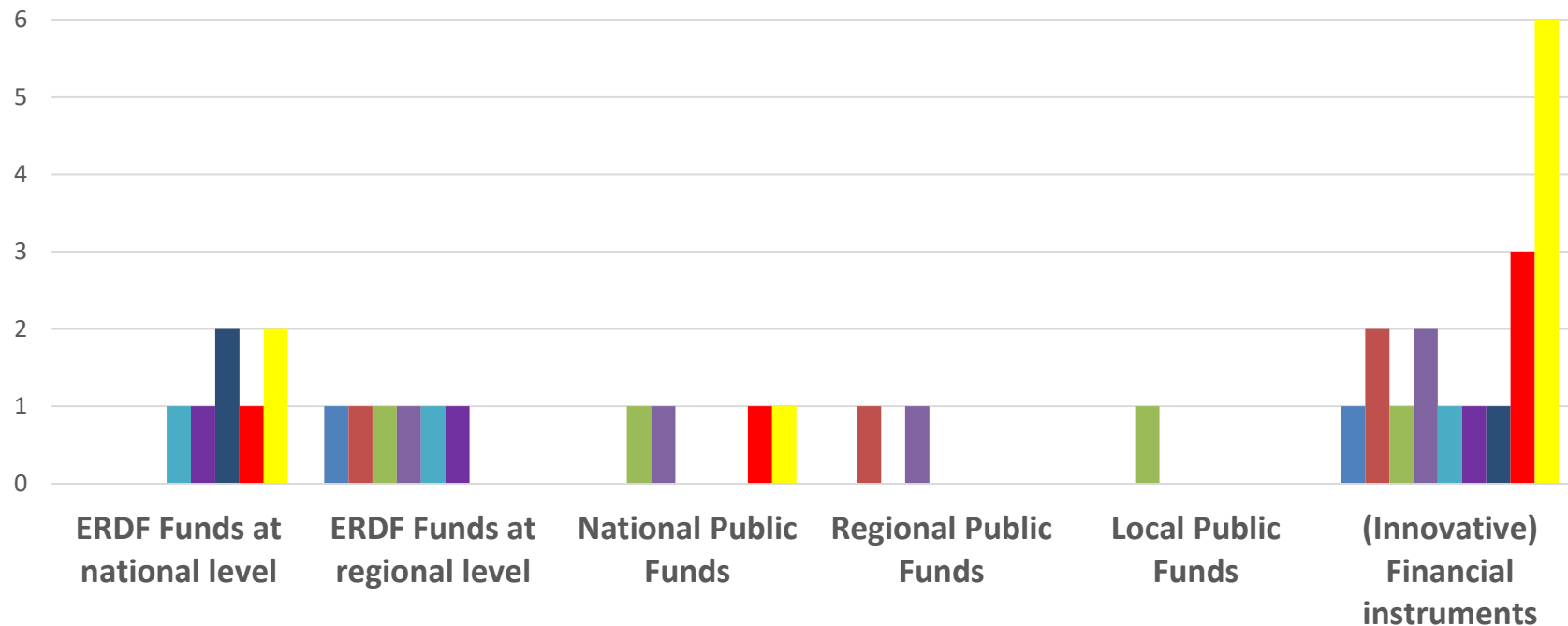


# FINANCIAL MECHANISMS FOR ENERGY EFFICIENCY AND RENEWABLE ENERGY PROJECTS IN INDUSTRY

Country	ERDF Funds at national level	ERDF Funds at regional level	National Public Funds	Regional Public Funds	Local Public Funds	Financial Instruments
Italy (Veneto)		1				1
Italy (Emilia-Romagna)		1		1		2
Germany		1	1		1	1
Austria		1	1	1		2
Poland (Lower Silesia)	1	1				1
Poland (Lubelskie)	1	1				1
Hungary	2					1
Czech Republic	1		1			3
Croatia	2		1			6



# TYPES OF FINANCIAL MECHANISMS IN THE PROJECT PARTNER REGIONS



Italy (Veneto)

Italy (Emilia-Romagna)

Germany

Austria

Poland (Lower Silesia)

Poland (Lubelskie)

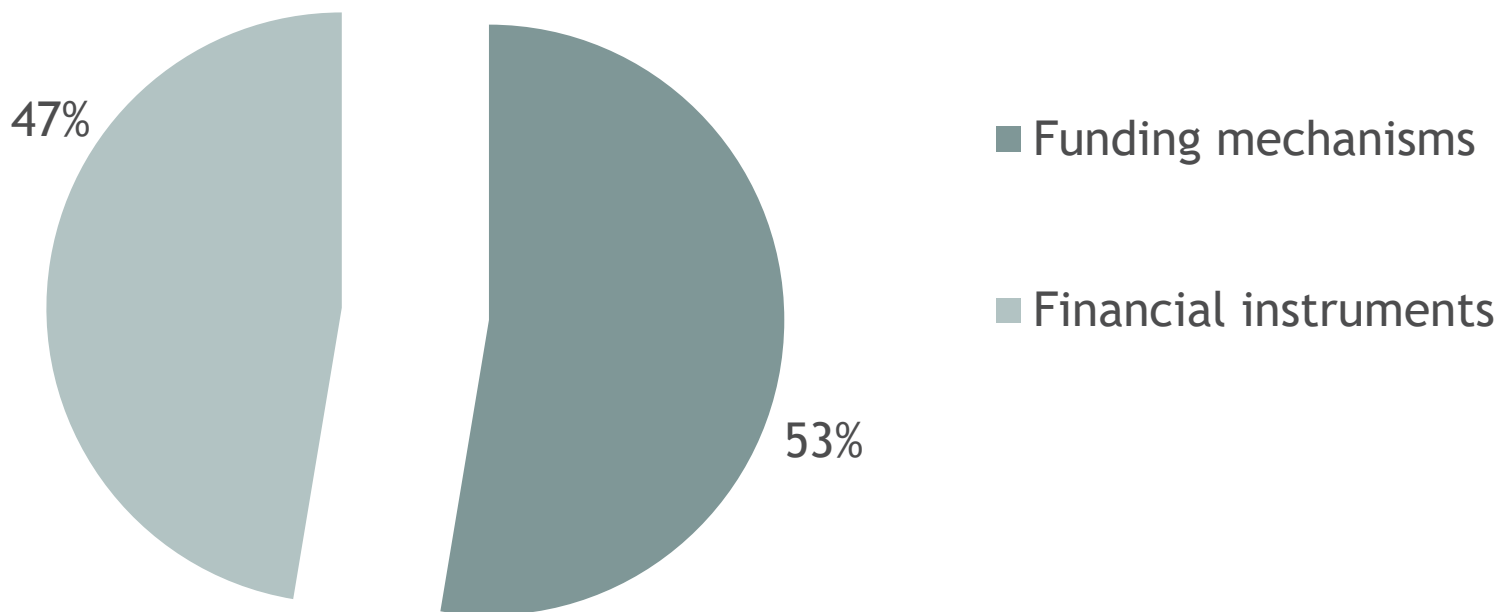
Hungary

Czech Republic

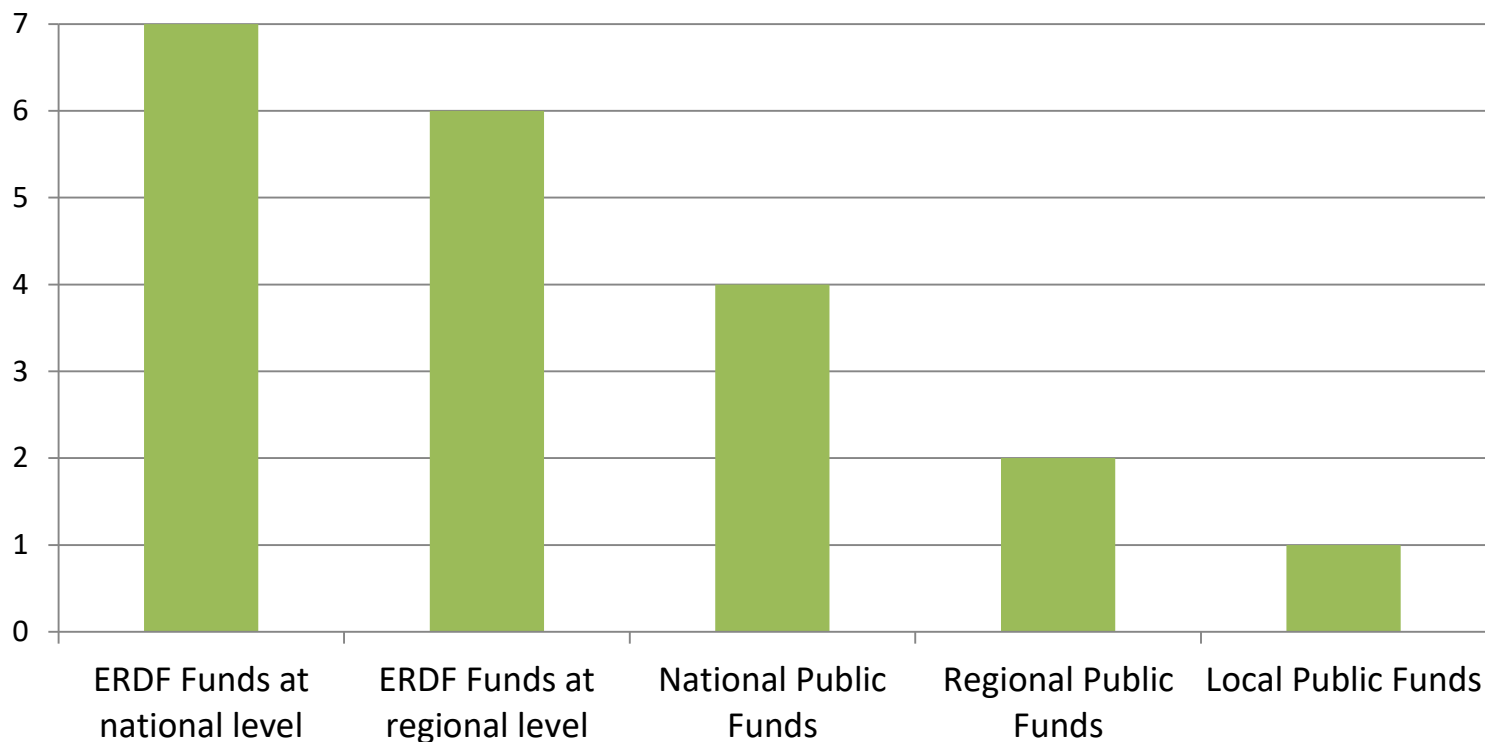
Croatia



# PROPORTION BETWEEN FUNDING MECHANISMS AND FINANCIAL INSTRUMENTS



# TYPES OF FUNDING MECHANISMS



Majority of funding mechanisms (grants) are implemented in a form of ERDF Operational Programs.

About 1/3 is provided from national or regional budgets.



# SUPPORT ON IMPLEMENTATION AND REALIZATION OF MEASURES

## Investment measures

The measures of investment nature are primarily subsidized, which includes measures to introduce a more efficient equipment, installation of efficient lighting, installation of renewable energy sources, etc.

## “Soft” measures

The measures for “soft” projects, such as elaboration of energy audit, implementation of energy management, introduction of energy management system, etc. are supported indirectly by certain programs that require them as an integral part of the overall project realization.



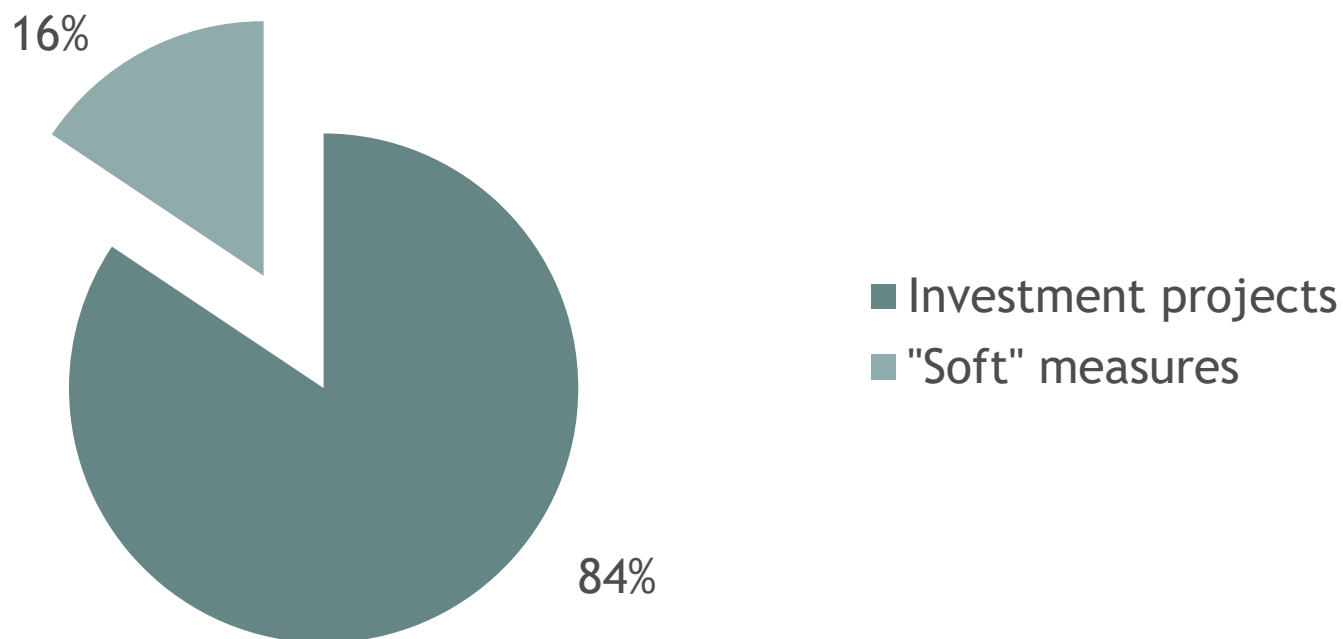


# TYPES OF FUNDED MEASURES IN THE PROJECT PARTNERS REGIONS

Country	Investment projects	"Soft" measures
Italy (Veneto)	2	1
Italy (Emilia-Romagna)	2	1
Germany	3	1
Austria	2	1
Poland (Lower Silesia)	2	
Poland (Lubelskie)	2	
Hungary	2	
Czech Republic	5	1
Croatia	7	



# PROPORTION BETWEEN SUPPORT FOR INVESTMENT PROJECTS AND “SOFT” MEASURES



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - National Development Banks

### Program “Energy Savings”, Czech Republic (except for the capital city of Prague)

Type of financial scheme:	Loans
Financial scheme operator:	National Development Bank (Czech-Moravian Guarantee and Development Bank)
Level of implementation:	National level
Financing source:	State Budget
Financial contribution:	Loans up to 70 % of the eligible expenses min. 800.000,00 - max. 30.000.000,00 CZK



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - National Development Banks

Thematic focus of the program:

- Building Insulation
- Changing of lighting
- Installing energy regulation
- Replacing boilers
- Using waste heat or renewable energy sources

Eligible applicants:            Small and Medium Enterprises  
   Large Enterprises

Additional info: The entrepreneurs have a ten-year maturity with the option of postponing principal repayments for up to 4 years. In order to obtain a preferential loan, a company simultaneously have to take a commercial loan from one of the cooperating financial institutions, at a minimum of 20% of eligible project expenditure.

In addition to this form of support, entrepreneurs can also get an interest rate subsidy on a commercial loan, up to CZK 1.5 million, and a financial contribution to purchase an energy audit, up to CZK 250 thousand.

Read more: <https://www.cmzrb.cz/produkty-a-sluzby/uspory-energie>



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - National Development Banks

### Program “ENERG”, Prague Czech Republic

Type of financial scheme:	Loans up to 70 % of the eligible expenses
Financial scheme operator:	National Development Bank (Czech-Moravian Guarantee and Development Bank)
Level of implementation:	National level
Financing source:	State Budget
Budget:	130.000.000,00 CZK (~€ 5.100.000,00)
Expiration date:	31.12.2020



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - National Development Banks

Thematic focus of the program:

- Building Insulation
- Changing of lighting
- Installing energy regulation
- Replacing boilers
- Using waste heat or renewable energy sources

Eligible applicants:      Small and Medium Enterprises  
   Large Enterprises

Additional info: The programme is funded from the proceeds of the sale of emission allowances for 2014. The support is provided in the form of a non-interest-bearing investment loan up to 70 % of the eligible expenditure (i.e. in the CZK 2-20 million range), with a maturity of ten years. At the same time, the beneficiary can receive a financial contribution for the purchase of an energy assessment up to CZK 100 000 (~€ 4 000). In the case of energy savings, according to the project plan, within three years of the completion of the project, the entrepreneur will also receive a bonus financial contribution of 7 % of the exhausted amount of the preferential loan.

Read more: <https://www.cmzrb.cz/novinky/mali-a-stredni-podnikatele-v-praze-mohou-od-15-cervna-zadat-o>



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - credit lines

### Program “WeBSEFF II”, Croatia

Type of financial scheme:	Loans Grants
Financial scheme operator:	Private Banks (Zagrebačka banka, ERSTE, PBZ)
Level of implementation:	National level (Similarly, EIB operates the WeBSEFF Program in other Western Balkan countries.)
Financing source:	EBRD
Budget:	€ 92.000.000,00



# EXAMPLES OF FINANCIAL SUPPORT PROGRAMS

## - credit lines

Thematic and sectoral focus of the program:

### Private sector

- Industrial energy efficiency projects
- Commercial building sector energy efficiency projects
- ESCO projects

### Public sector

- Municipal buildings energy efficiency projects
- Small renewable energy projects

Eligible applicants:

### Small and Medium Enterprises

investments can receive a grant for up to 10% of the loan amount

### Energy Service Companies (ESCOs)

### Municipal entities

investments can receive a grant for up to 15% of the loan amount





# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## AUSTRIA

Source of information	Link / PDF / Video document
Funding program of Kommunal Public Consulting - grants and loans, depending at the case of investments (de)	<a href="https://www.umweltfoerderung.at/">https://www.umweltfoerderung.at/</a>
EUB (Energie- und Umweltberatung Burgenland) Program (de)	<a href="http://www.eubgld.at/">http://www.eubgld.at/</a>
Operational Program Burgenland 2014 - 2020 (de)	<a href="http://www.wirtschaft-burgenland.at/index.php?id=wibag0">http://www.wirtschaft-burgenland.at/index.php?id=wibag0</a> (en)  <a href="https://www.rmb.at/">https://www.rmb.at/</a>  videos: <a href="https://www.eu-service.at/eu-mediathek/youtube-videos/">https://www.eu-service.at/eu-mediathek/youtube-videos/</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## CROATIA

Source of information	Link / PDF / Video document
Environmental Protection and Energy Efficiency Fund Act (Official Gazette 107/2003) (cr)	<a href="https://narodne-novine.nn.hr/clanci/sluzbeni/2003_07_107_1405.html">https://narodne-novine.nn.hr/clanci/sluzbeni/2003_07_107_1405.html</a>
Operational Program Competitiveness and Cohesion 2014 - 2020 [pdf]	<a href="http://www.esf.hr/wordpress/wp-content/uploads/2015/02/Programme_2014HR16M10P001_1_2_en.pdf">http://www.esf.hr/wordpress/wp-content/uploads/2015/02/Programme_2014HR16M10P001_1_2_en.pdf</a>
Operativni program Konkurentnost i Kohezija 2014.-2020. - tehničke izmjene (cr) [pdf]	<a href="https://strukturnifondovi.hr/wp-content/uploads/2017/05/OPKK-2014.-2020.-tehni%C4%8Dke-izmjene.pdf">https://strukturnifondovi.hr/wp-content/uploads/2017/05/OPKK-2014.-2020.-tehni%C4%8Dke-izmjene.pdf</a>
Operational programs 2014-2020 / Operativni programi (cr)	<a href="https://strukturnifondovi.hr/dokumenti/?doc_id=533&amp;fondovi=esi_fondovi">https://strukturnifondovi.hr/dokumenti/?doc_id=533&amp;fondovi=esi_fondovi</a>
WeBSEFF II Sustainable Energy Investments	<a href="https://www.webseff.com/index.php?lang=en">https://www.webseff.com/index.php?lang=en</a>
WeBSEFF II Videos: Sustainable Energy Excellence Awards	<a href="https://www.webseff.com/index.php?option=com_content&amp;view=article&amp;id=182:about-webseff-track-record-3&amp;catid=11:english&amp;Itemid=349&amp;lang=en">https://www.webseff.com/index.php?option=com_content&amp;view=article&amp;id=182:about-webseff-track-record-3&amp;catid=11:english&amp;Itemid=349&amp;lang=en</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## CROATIA

Source of information	Link / PDF / Video document
Support from the Environmental Protection and Energy Efficiency Fund (Grants, Interest-free loans, Subsidies, Financial aids, Donations)	
Croatian Agency for Small Business, Innovation and Investment (Grants, Guarantees, ESIF Loans)	
Istria County support (Loans, Subsidized interests on the loans)	



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## CZECH REPUBLIC

Source of information	Link / PDF / Video document
Českomoravská Záruční a Rozvojová Banka - Program "Energy Savings" / Úspory Energie, ČR kromě hlavního města Prahy (cz)	<a href="https://www.cmzrb.cz/produkty-a-sluzby/uspory-energie">https://www.cmzrb.cz/produkty-a-sluzby/uspory-energie</a>
Českomoravská Záruční a Rozvojová Banka - Program "ENERG" for SMEs in Prague / Program ENERGA pro malé a střední podnikatele v Praze (cz)	<a href="https://www.cmzrb.cz/novinky/mali-a-stredni-podnikatele-v-praze-mohou-od-15-cervna-zadat-o">https://www.cmzrb.cz/novinky/mali-a-stredni-podnikatele-v-praze-mohou-od-15-cervna-zadat-o</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## GERMANY

Source of information	Link / PDF / Video document
<p>“Sofortprogramm Saubere Luft 2017-2020” immediate action program for clean air</p>	<p><a href="https://www.now-gmbh.de/en/news/press/bmvi-supports-municipalities-in-switch-to-alternative-drives-via-an-immediate-action-programme-for-clean-air">https://www.now-gmbh.de/en/news/press/bmvi-supports-municipalities-in-switch-to-alternative-drives-via-an-immediate-action-programme-for-clean-air</a></p>
<p>Operational Program ERDF Saxony 2014-2020 - TO4 Low-carbon economy, TO6 Environment and resource efficiency</p>	<p><a href="http://ec.europa.eu/regional_policy/en/atlas/programmes/2014-2020/europe/2014de16rfop012">http://ec.europa.eu/regional_policy/en/atlas/programmes/2014-2020/europe/2014de16rfop012</a></p>
<p>SME Support Program “Mittelstandförderprogramm” der Stadt Leipzig (de)</p>	<p><a href="https://www.leipzig.de/wirtschaft-und-wissenschaft/unternehmensservice/foerderung-und-finanzierung/mittelstandsfoerderprogramm">https://www.leipzig.de/wirtschaft-und-wissenschaft/unternehmensservice/foerderung-und-finanzierung/mittelstandsfoerderprogramm</a></p>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## HUNGARY

Source of information	Link / PDF / Video document
<p>Economy Development and Innovation Operational Program - Priority 4: Transition to low-emission economy in all economic areas, Priority 8 measures in support of: Energetic refurbishment of existing building stock, improvement of district heating solutions, increasing the share of renewable energy in the consumption of households</p>	
<p>Territorial and Settlement Development Operational Program - Priority 3: Transition to low-emission economy, especially in rural areas (Measure 2: Increasing the energy efficiency of local municipalities, increasing the share of renewable energy in the consumption)</p>	
<p>Environment and Energy Efficiency and Operational Program - Priority 5: Increase of energy efficiency, use of renewable energy</p>	



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



## ITALY

### Veneto (LP)

Source of information	Link / PDF / Video document
ROP/ERDF 2014-2020 Axis 4 Action 4.1.1 - Promoting eco efficiency and the reduction of primary energy consumption in public, residential and commercial buildings and institutions integrating renewable sources	

### Emilia Romagna

Source of information	Link / PDF / Video document
Contribution for SME energy audits (it)	<a href="http://energia.regione.emilia-romagna.it/bandi/contributi-per-diagnosi-energetiche">http://energia.regione.emilia-romagna.it/bandi/contributi-per-diagnosi-energetiche</a>
ROP/ERDF 2014-2020 Axis 4 Action 4.1.2 - Incentives addressed to the reduction of energy consumption and greenhouse gas emission of enterprises and productive areas - GRANTS (it)	<a href="https://fesr.regione.emilia-romagna.it/opportunita/2017/fondo-energia">https://fesr.regione.emilia-romagna.it/opportunita/2017/fondo-energia</a>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Lower Silesia

Source of information	Link / PDF / Video document
<p>Operational Program Infrastructure and Environment 2014-2020 - Priority axis I Reduction of the carbon intensity (emission capacity) of the economy - Activity 1.2: Promoting energy efficiency and the use of renewable energy sources in companies (grants for large companies) - information on available support (pl)</p> <ul style="list-style-type: none"><li>• video presentations</li></ul>	<p><a href="https://www.pois.gov.pl/nabory/12-promowanie-efektywnosci-energetycznej-i-korzystania-z-odnawialnych-zrodel-energii-w-przedsiębiorstwach-konkurs-iii/">https://www.pois.gov.pl/nabory/12-promowanie-efektywnosci-energetycznej-i-korzystania-z-odnawialnych-zrodel-energii-w-przedsiębiorstwach-konkurs-iii/</a></p> <ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=qdsYy_YUPak">https://www.youtube.com/watch?v=qdsYy_YUPak</a></li><li>• <a href="https://www.youtube.com/watch?v=sauBMmbR7Ng">https://www.youtube.com/watch?v=sauBMmbR7Ng</a></li></ul>





# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Lower Silesia

Source of information	Link / PDF / Video document
<p>Regional Operational Program of Lower Silesia 2014-2020 - Priority 3: Low carbon economy Activity - 3.2. Energy efficiency in SMEs (grants: activities 3.2.A, 3.2.B, 3.2.C; loans: activity: 3.2.D) - information on available support (pl)</p> <ul style="list-style-type: none"><li>video presentation</li></ul>	<p><a href="http://www.dip.dolnyslask.pl/skorzystaj/zobacz-ogloszenia-i-wyniki-naborow-wnioskow/391-3-2-a-b-c-efektywnosc-energetyczna-w-msp-konkurs-horyzontalny.html">http://www.dip.dolnyslask.pl/skorzystaj/zobacz-ogloszenia-i-wyniki-naborow-wnioskow/391-3-2-a-b-c-efektywnosc-energetyczna-w-msp-konkurs-horyzontalny.html</a></p> <ul style="list-style-type: none"><li><a href="https://www.youtube.com/watch?v=5X0Ld6FB5ro">https://www.youtube.com/watch?v=5X0Ld6FB5ro</a></li></ul>



# INFORMATION ON NATIONAL LEVEL IN PROJECT'S PARTNER REGIONS



POLAND

Lubelskie

Source of information	Link / PDF / Video document
Regional Operational Program of Lubelskie Voivodeship 2014-2020 ROP VL 2014-2020 / Regionalny program operacyjny Województwa Lubelskiego na lata 2014-2020 (pl)	<a href="https://rpo.lubelskie.pl/dokument-20-regionalny_program_operacyjny.html">https://rpo.lubelskie.pl/dokument-20-regionalny_program_operacyjny.html</a>
Priority Axes ROP VL 2014-2020 / Szczegółowy opis osi priorytetowych RPO WL na lata 2014-2020 (pl)	<a href="https://rpo.lubelskie.pl/dokument-22-szczegolowy_opis_osi_priorytetowych_rpo.html">https://rpo.lubelskie.pl/dokument-22-szczegolowy_opis_osi_priorytetowych_rpo.html</a>
Guidelines for Revitalization in Operational Programs 2014-2020 / Wytyczne w zakresie rewitalizacji w programach operacyjnych na lata 2014-2020 (pl)	<a href="https://rpo.lubelskie.pl/dokument-114-wytyczne_w_zakresie_rewitalizacji_w.html">https://rpo.lubelskie.pl/dokument-114-wytyczne_w_zakresie_rewitalizacji_w.html</a>
Report Mechanisms to Support Development of Renewable Energy / Raport Mechanizmy wspierania rozwoju energetyki odnawialnej (pl) [pdf]	<a href="https://www.ue.katowice.pl/fileadmin/_migrated/content_uploads/23_K.Pajak_J.Mazurkiewicz_Mechanizmy_wspierania_rozw_oju....pdf">https://www.ue.katowice.pl/fileadmin/_migrated/content_uploads/23_K.Pajak_J.Mazurkiewicz_Mechanizmy_wspierania_rozw_oju....pdf</a>



Source of information	Link / PDF / Video document
Short videos promoting the ESIF Financial Instruments - fi-compass	<ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=14vFNhqcxNI">https://www.youtube.com/watch?v=14vFNhqcxNI</a></li><li>• <a href="https://www.youtube.com/watch?v=oUuRmBXYzzY">https://www.youtube.com/watch?v=oUuRmBXYzzY</a></li></ul>



# Thank you for your attention

