Quick Reference Guide
Financing Opportunities for Local Sustainable Energy
2014 - 2020

European Structural and Investment Funds
- ERDF
- Cohesion Fund
- ESF
- EAFRD
- EMFF

European Funding Programmes
- LIFE
- CLLD
- URBACT III
- CIVITAS Activity Fund
- Territorial Cooperation
- Horizon 2020

Project Development Assistance
- ELENA EIB
- ELENA CEB
- ELENA EBRD
- ELENA KfW
- Horizon 2020 Call EE20

Alternative Financing Schemes
- On Bill Financing
- TPI - EPC
- Soft Loans, guarantees
- Revolving loan funds
- Crowd-funding
- Green Municipal Bonds

SEAP development
Capacity building / hiring of experts / preparation of bankable projects and investments
SEAP implementation (hard measures)
SEAP implementation (soft measures, e.g. awareness raising, stakeholders' involvement)
# European Structural and Investment Funds

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<thead>
<tr>
<th>European Regional and Development Fund (ERDF)</th>
<th>Cohesion Fund (CF)</th>
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<th>European Agricultural Fund for Rural Development (EAFRD)</th>
<th>European Maritime and Fisheries Fund (EMFF)</th>
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</table>
| **Beneficiaries**                             | - Local, regional and national authorities  
- Social, cultural and educational institutions  
- NGOs  
- Companies, SMEs and associations | Local and regional authorities | - Local, regional and national authorities  
- Workers and employers org.  
- NGOs  
- Companies | - Local authorities and administrative bodies  
- Social, cultural and educational institutions  
- NGOs  
- Companies, SMEs and associations | - Local authorities  
- Social, cultural and education institutions  
- NGOs  
- Companies, SMEs and associations |
| **Participating countries**                    | EU-28              | EU-28                       | EU-28                                               | EU-28, but the allocation depends on the fishing industry |
| **Focus areas (depending on the Operational programmes)** | BG, HR, CY, CZ, EE, EL, HU, LV, LT, MT, PL, PT, RO, SK and SL | - Low carbon economy  
- Climate change adaptation and risk prevention and management  
- Environment protection and resource efficiency  
- Sustainable transport  
- Institutional capacity | - Sustainability, quality and mobility of labour  
- Social inclusion, combating poverty and discrimination  
- Education  
- Institutional capacity | - Innovation in agriculture, forestry and rural areas  
- Sustainable farming, forest management and resource efficiency  
- Low carbon economy  
- Poverty and social inclusion | - Smart, green fisheries (mitigation of climate change and energy efficiency)  
- Innovative aquaculture (eco-management)  
- Community led local development strategies (CLLD see p.3)  
- Sustainable and inclusive territorial development of communities relying on fishing industries |
| **Type of funding**                           | - Grants (co-financing)  
- Indirect funding (e.g. loans, risk capital and seed funding)  
- European Territorial Cooperation Programmes (see INTERREG) | - Grants  
- Indirect funding (e.g. loans, risk capital and seed funding) | - Grants | Grants |
| **Managing structure and Coordination**       | - National or Regional managing authorities  
- DG REGIO | - National or Regional managing authorities  
- DG REGIO | - National or Regional managing authorities  
- DG REGIO  
- DG EMPL | - National or Regional managing authorities  
- DG REGIO  
- DG AGRI |
| **Further information**                       | Guide to operational programmes  
Project examples  
Contact of Managing authorities  
Common provisions regulations | Guide to operational programmes  
Project examples  
Technical guidance energy renovation of buildings with Cohesion funding  
Contact of Managing authorities  
Common provisions regulations | Project examples  
List of beneficiaries  
Contacts  
Common provisions regulations | Project examples  
National Ministries for Agriculture  
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Common provisions regulations | Main webpage  
Contact of Managing authorities  
List of contacts as from 08/05/14  
Common provisions regulations |
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<td><strong>Beneficiaries</strong></td>
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<td>Participating countries</td>
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<td><strong>Focus areas</strong></td>
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<td>Average project size</td>
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<td>Type of Funding</td>
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## Focus on European Territorial Cooperation Programmes

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<th>Cross-border cooperation</th>
<th>Transnational cooperation</th>
<th>Interregional programmes</th>
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<td><strong>Beneficiaries</strong></td>
<td><strong>INTERREG EUROPE</strong></td>
<td><strong>URBACT III</strong></td>
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<td>- Municipal institutions and administrative bodies</td>
<td>- Municipal institutions and administrative bodies</td>
<td>- Local authorities</td>
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<tr>
<td>- Social, cultural and educational institutions</td>
<td>- Social, cultural and educational institutions</td>
<td>- Local agencies (city’s stakeholders)</td>
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<tr>
<td>- NGOs</td>
<td>- NGOs</td>
<td>- NGOs</td>
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<tr>
<td>- Companies, SMEs and associations</td>
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<tr>
<td><strong>Participating countries</strong></td>
<td>EU-28</td>
<td>EU-28, NO and CH</td>
</tr>
<tr>
<td><strong>Number and geographical distribution of beneficiaries</strong></td>
<td>Neighbouring land and maritime border regions on NUTS-2 in two or more Member States or between neighbouring border regions in at least one Member State and one third country (separated by 150 km max.)</td>
<td>NUTS-3 regions and takes (account of macro-regional and sea-basin strategies where appropriate) from at least two participating countries, at least one a Member State.</td>
</tr>
</tbody>
</table>
| **Focus areas** | Research & innovation, ICT, Competitiveness of SMEs, Low carbon economy, Climate change adaptation and risk management, Environmental protection, resource efficiency and transport, Institutional capacity of public authorities and quality employment | - Research & innovation, ICT  
- Competitiveness of SMEs  
- Low carbon economy  
- Climate change adaptation and risk management  
- Environmental protection, resource efficiency and transport  
- Institutional capacity of public authorities | - Integrated sustainable urban development regarding:  
- Smart and inclusive growth  
- Low-carbon economy  
- Resource efficiency, environment protection  
- Labour mobility, social inclusion, poverty reduction  
- Policy design and implementation |
| **Specific types of projects** | - Promotion of sustainable employment, efficient use of natural resources, infrastructure, urban-rural links, labour mobility, joint training, entrepreneurship, social inclusion, community, culture, fight against poverty and discrimination | - Efficient public administration by developing and coordinating macro-regional sea-basin strategies  
- Flood management, transport, communication, international business and urban development | - Dissemination of good practices and expertise in sustainable urban development, incl. urban-rural linkages  
- Reinforcements of the European Territorial Cooperation Programme and the effectiveness of the cohesion policy  
- Transnational exchange  
- Capacity building  
- Capitalisation & dissemination  
Via the creation of different types of networks between cities on strategies, implementations and best practice exchanges |
| **Average project size and period** | Depends on the cross-border cooperation of your region. This can be found [here](#). | Depends on the transnational cooperation of your territory. This can be found [here](#). | Depends on the interregional cooperation of your region. This can be found [here](#). |
| **Co-funding rate** | Programme-specific (between 50% and 85%) | Programme-specific (between 50% and 85%) | 85% for all the priority topics  
74.52% for the ‘technical assistance’ axis  
70% for partners in more developed regions  
85% for partners of less developed regions |
| **Type of Funding** | Grants | Grants | Grants |
| **Managing structure and coordination** | - Managing authority or a European Grouping of Territorial Coordination (EGTC)  
- DG REGIO | | - The URBACT Secretariat  
- DG REGIO |
| **Further information** | [Project examples](#)  
[Contact of managing authorities](#) | [Project examples](#)  
[Contact of managing authorities](#) | Call information and Contacts  
National info days  
[Project examples](#) |

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*Notes:*
- URBACT III will be finalized in Jan. 2015.
## Focus on Horizon 2020

### Secure, Clean and Efficient Energy

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<th>Calls for Proposals for local authorities</th>
<th>Energy Efficiency</th>
<th>Competitive Low-Carbon Energy</th>
<th>Smart Cities and Communities</th>
<th>Mobility for Growth</th>
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<tr>
<td>EE4, EE5, EE7, EE8, EE9, EE10, EE14, EE19, EE20, EE21</td>
<td>LCE4, LCE14</td>
<td>SCC1, SCC4</td>
<td>MG5.4, MG5.5, MG8.4, MG9.1</td>
<td></td>
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</tbody>
</table>

### Types of projects

- Coordination & support actions
- Innovation actions: SCC1
- Coordination & support actions: SCC4
- Research & Innovation actions: MG5.4
- Innovation actions: MG5.5, MG8.4
- Coordination & support actions: MG8.4, MG9.1

### Participating countries

- EU-28 and its Overseas Countries and Territories
- List of associated countries
- List of other non-EU countries
- EU-28 and its Overseas Countries and Territories
- List of associated countries
- List of other non-EU countries
- EU-28 and its Overseas Countries and Territories
- List of associated countries
- List of other non-EU countries

### Number and geographical distribution of beneficiaries

- EE4, EE5, EE7, EE8, EE9, EE10, EE14, EE21: At least three legal entities, each of the three located in a different country
- EE4 (BUILD-UP), EE20: At least one legal entity
- SCC1: At least three legal entities, each located in a different country (Each project to be realised in 2-3 cities, co-involve 2-3 follower cities and include industry, cities, academia and SMEs)
- SCC4: At least one legal entity
- MG5.4, MG5.5, MG8.4: At least three legal entities, each located in a different country
- MG9.1: At least 10 legal entities from different countries

### Focus areas

- EE4, EE5, EE7, EE8, EE9, EE10, EE14: Buildings and consumers
- EE19, EE21: Finance for sustainable energy
- EE20: Project Development Assistance (Focus of former MLEI PDA)
- *Capacity building/integrated sustainable energy planning
- LCE4: Renewable electricity and heating/cooling
- LCE14: Sustainable biofuels
- SCC1: Energy, Transport and ICT integrated solutions
- SCC4: Networks of public procurers
- MG5.4*, MG5.5: Urban mobility
- MG5.4: Infrastructure
- MG9.1: Socio-economic and behavioural research and forward looking activities for policy making
- *Sustainable Urban Mobility Plans

### Recommended project size

- EE4, EE8, EE10, EE21: €1-1.5 million
- EE5, EE7, EE9, EE14, EE19: €1.5-2 million
- EE20: €0.5-2 million
- SCC1: €18-25 million
- SCC4: €0.1-0.15 million
- MG5.4: €2-4 million
- MG5.5: €12-18 million
- MG9.1: €3 million Maximum n.a. MG8.1

### Co-funding rate

- 100%
- 100%
- Innovation actions: 70% (except for non-profit legal entities, where a rate of 100% applies)
- Coordination & Support actions: 100%
- Research & Innovation actions: 100%
- Innovation actions: 70% (except for non-profit legal entities, where a rate of 100% applies)
- Coordination & Support actions: 100%

### Further information

- Calls information, On-line Manual
- Work Programme Secure, Clean and Efficient Energy
- General annexes (eligibility criteria)
- EASME
### European Project Development Assistance Facilities

<table>
<thead>
<tr>
<th>Beneficiaries</th>
<th>ELENA EIB</th>
<th>ELENA KfW</th>
<th>ELENA CEB</th>
<th>ELENA EBRD</th>
<th>Horizon 2020 Call EE20 - PDA</th>
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<tbody>
<tr>
<td></td>
<td>- Public authorities</td>
<td>- Local/regional authorities (small and medium inc. those under the Covenant of Mayors) - Public bodies</td>
<td>- National/regional/local authorities - Public bodies (projects that benefit disadvantaged regions or populations)</td>
<td>- Local/regional authorities - Public bodies</td>
<td>- Local/regional authorities - Public bodies - Public/private Infrastructure Operators - ESCOs and SMEs</td>
</tr>
<tr>
<td>Participating countries</td>
<td>EU-28, NO, IS, LI and MK</td>
<td>EU-28, NO, IS, LI and MK</td>
<td>BE, BG, HR, CY, CZ, DK, EE, FI, FR, DE, EL, HU, IE, IS, IT, LV, LI, LT, LU, MT, NL, NO, PL, PT, RO, SK, SL, ES, SE and MK</td>
<td>BG, HR, EE, MK, HU, LV, LT, PL, RO, SK and SL</td>
<td>EU-28 and its Overseas Countries and Territories - List of associated countries - List of other non-EU countries</td>
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<th>Focus areas</th>
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<th>ELENA EBRD</th>
<th>Horizon 2020 Call EE20 - PDA</th>
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<tr>
<td>- Energy efficiency in buildings or street lighting - Integrated renewables in buildings - Renovation of district heating systems - Energy efficiency and integrated renewables in urban transport</td>
<td>- Energy efficiency in public and private buildings - Renewable energy sources - Environment friendly transport - Smart and energy efficient local infrastructure</td>
<td>- Energy efficiency and integrated renewables in public and private buildings (social housing, etc.), public local transport and public utilities infrastructure - Renovation, extension or construction of district heating/cooling networks</td>
<td>- Energy efficiency and integrated renewables in urban transport - Local infrastructure, inc. smart grids, ICT, etc. - Utilities infrastructure, inc. municipal waste-to-energy, efficient appliances in SMEs and households, etc.</td>
<td>- Public/private building stocks - Retail Energy Market Infrastructure, including smart grids - Mobility charging points, public lighting, district heating networks, distributed renewables and demand response infrastructure - Commercial and logistic properties and sites</td>
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<tr>
<th>Project's average investment size</th>
<th>&gt; €30 million</th>
<th>&lt; €50 million</th>
<th>€6 - €50 million</th>
<th>&lt; €50 million</th>
<th>€6 million - €50 million</th>
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<tbody>
<tr>
<td>Co-funding rate Technical Assistance</td>
<td>Up to 90% of eligible costs</td>
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<td>Up to 100% of eligible costs</td>
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<tr>
<th>Leverage factor</th>
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<th>ELENA KfW</th>
<th>ELENA CEB</th>
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<th>Horizon 2020 Call EE20 - PDA</th>
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<th>Managing structure and Coordination</th>
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<th>Further information</th>
<th>ELENA EIB</th>
<th>ELENA KfW</th>
<th>ELENA CEB</th>
<th>ELENA EBRD</th>
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<td>Webpage Contact</td>
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<td>Webpage Contact</td>
<td>Webpage Contact</td>
<td>Forthcoming call (Opening date: 10-12-2014) Manual</td>
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- Final beneficiaries apply to the ELENA via Partnering Financial Intermediaries.
## Alternative financing schemes

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<th>Scheme</th>
<th>Description</th>
<th>Examples</th>
<th>Useful links</th>
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<td><strong>On Bill Financing</strong></td>
<td>Energy suppliers collect the repayment of a loan through energy bills. It leverages the relationship, which exists between a utility and its customer in order to facilitate access to funding for sustainable energy investments.</td>
<td><a href="#">UK Green Deal</a> (loan facility that can last for 25 years and can be repaid on via a charge on an energy bill. It is a standardization of measures and loan contracts, which several UK local authorities set up in collaboration with private delivery partners).</td>
<td><a href="#">Example of UK</a></td>
</tr>
<tr>
<td><strong>Third Party Investment (TPI) example of Energy Performance Contracting (EPC)</strong></td>
<td>EPC is a contractual arrangement between a beneficiary and an Energy Service Company (ESCO) about energy efficiency improvements or renewables installations. Normally an ESCO implements the measures and offers the know-how and monitoring during the whole term of the contract. Essentially the ESCO will not receive its payment unless the project delivers energy savings/production as expected.</td>
<td><a href="#">MLEI Accelerate project</a> (Province of Huelva, Andalusia) Street lighting in the Province of Teramo (IT) Climate Fund (ESCO model Province of Limburg) RE:FIT London REDIRA (Barcelona-ES) Energy Efficiency in the province of Milan (ELENA)</td>
<td><a href="#">Info EPC EU EPC campaign</a></td>
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<tr>
<td><strong>Soft loans, loan guarantees and portfolio guarantees</strong></td>
<td>- Soft loan schemes (below market rates and longer payback periods) and loan guarantees (buffer by first losses of non-payment) are mechanisms whereby public funding facilitates/triggers investments in EPC. - Portfolio guarantees for ESCOs reduces the risks of payment delays, so reduces the overall costs of financing (solid protection from later payments).</td>
<td><a href="#">BaEEF (Bulgarian Energy Efficiency Fund)</a> KfW bank in Germany Jessica Holding Fund in Lithuania KredEx Financial Service in Estonia</td>
<td><a href="#">Innovative energy efficiency financing in Bulgaria</a></td>
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<td><strong>Revolving Loan funds</strong></td>
<td>A revolving loan fund is a source of money from which loans are made for multiple sustainable energy projects. Revolving funds can provide loans for projects that do not have access to other types of loans from financial institutions, or can provide loans at a below-market rate of interest (soft loans).</td>
<td><a href="#">Fred &amp; Ed funds of the Hague</a> The London Green Fund</td>
<td><a href="#">More info and examples on Revolving Loan Funds</a></td>
</tr>
<tr>
<td><strong>Crowd-funding / Community funding</strong></td>
<td>Pooling resources of different actors, utilizing most of the time an internet-based platform. This can happen in combination with energy cooperatives.</td>
<td><a href="#">Solar Schools, Abundance Generation, Sun Funder and Solar Mosaic, GreenCrowding BetterVest (DE)</a></td>
<td><a href="#">ManagEnergy Article</a></td>
</tr>
<tr>
<td><strong>Green Municipal Bonds</strong></td>
<td>Local government (or their agencies) can issue green bonds to fund their sustainable energy projects. A green bond can operate as a normal bond, which is a debt that will be paid back, depending on the characteristics of the bond, with interest. These can be made attractive via tax-exemptions.</td>
<td><a href="#">Gothenburg (SE) green bonds</a> Varna (BG) municipal bonds Birmingham (UK) Municipal Bonds Agency</td>
<td><a href="#">Further information Economist article</a></td>
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</tbody>
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