

**Interreg
Europe**



European Union | European Regional Development Fund



*Sharing solutions
for better regional policies*

Interreg Europe Projects on Energy Efficiency

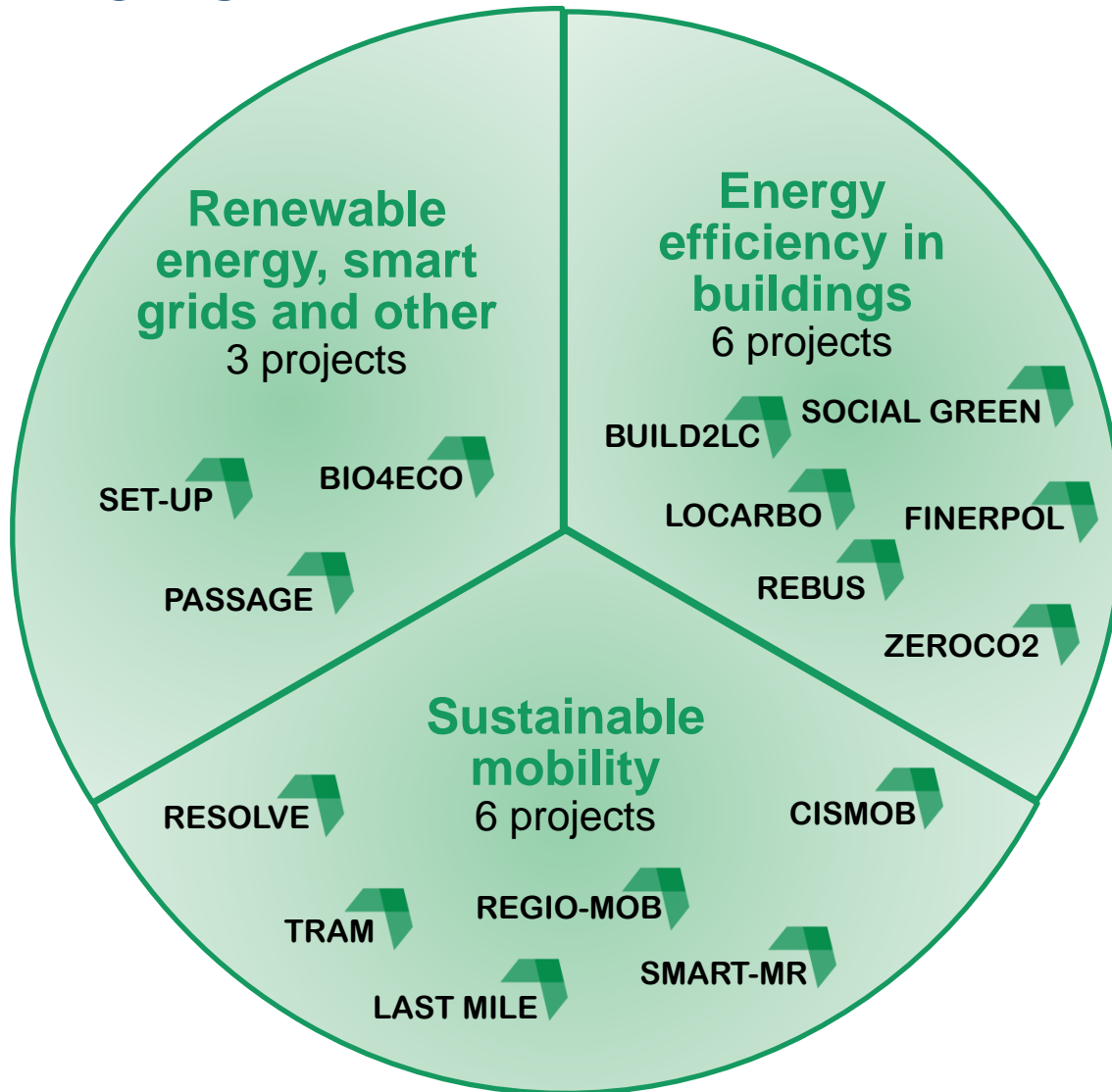
Robert Williams

Thematic Expert

r.williams@policylearning.eu

17 October 2017 | Seville

Overview 1st call projects – started 2016

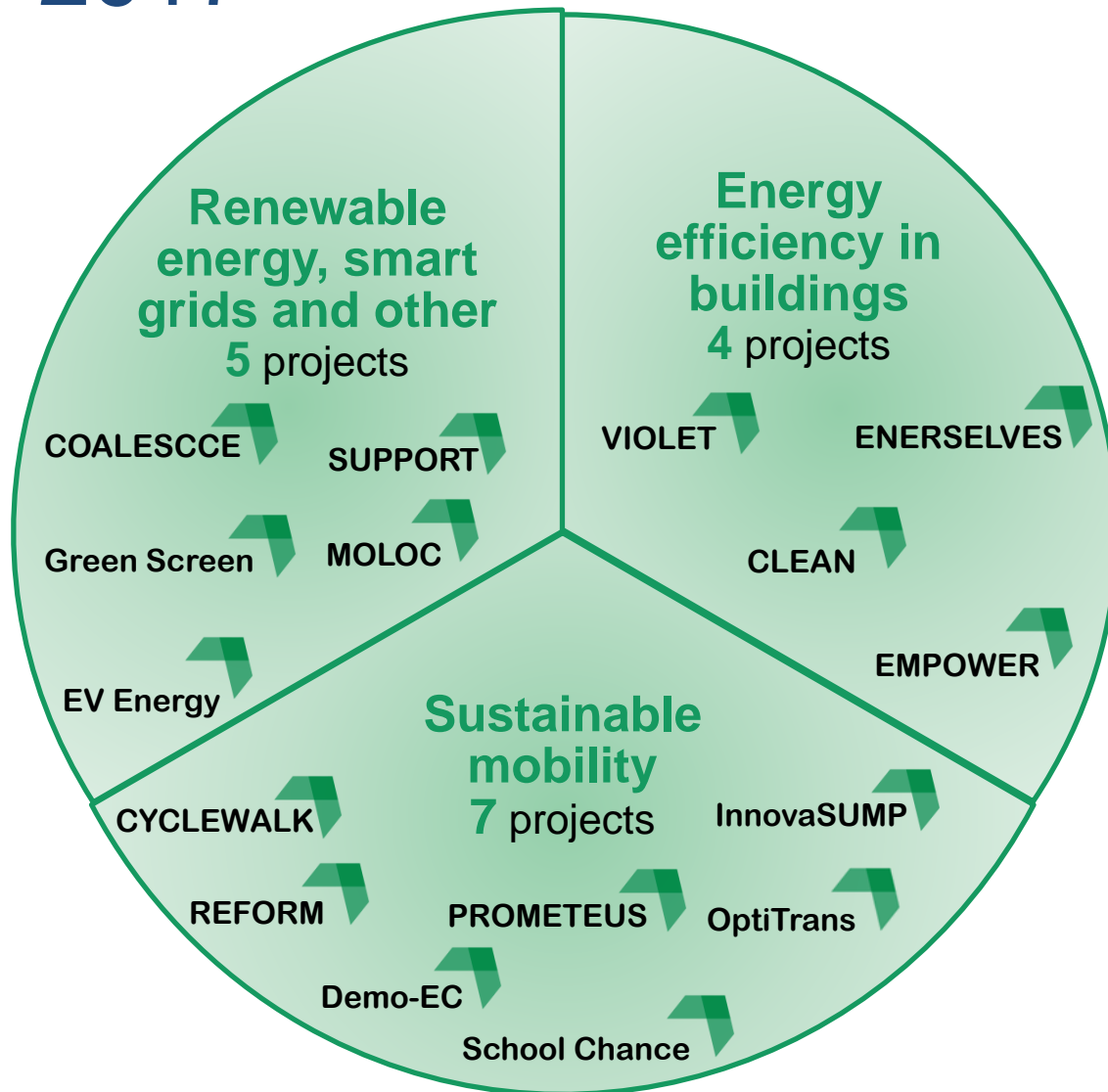


More information:

www.interregeurope.eu

- projects
- discover projects
- select 'projects' and 'low-carbon economy'

Overview 2nd call projects – started 2017



More information:

www.interregeurope.eu

- projects
- discover projects
- select 'projects' and 'low-carbon economy'



Overview Energy Efficiency in Buildings projects

First call:
6 projects

- **BUILD2LC:** Boosting Low Carbon Initiative Building Rehabilitation in European Regions (ES)
- **LOCARBO:** Novel roles of regional and local authorities in supporting energy consumers' behaviour change towards a low carbon economy (IT)
- **REBUS:** Renovation for energy efficient buildings (IT)
- **SOCIALGREEN:** Regional policies towards greening the social housing sector (PT)
- **ZEROCO2:** Promoting of near zero CO2 emission buildings due to energy use (SI)
- **FINERPOL:** New Growth & Jobs policies combining ERDF with Financial Instruments for energy investment in buildings (ES)

Second call:
4 projects

- **VIOLET:** preserve traditional buildings through Energy reduction (RO)
- **ENERSELVES:** Policy instruments for energy self-consumption in buildings (ES)
- **CLEAN:** Technologies and open innovation for low-carbon regions (IE)
- **EMPOWER:** More carbon reduction by dynamically monitoring energy efficiency (SI)



Overview Renewables, Smart Grid and other Energy projects

First call: 3 projects

- **BIO4ECO:** Sustainable regional bioenergy policies: a game changer (ES)
- **PASSAGE:** Public Authorities supporting low-carbon growth in European maritime border regions (FR)
- **SET-UP:** Smart energy transition to upgrade regional performance (FR)

Second call: 5 projects

- **SUPPORT:** Support Local Governments in Low Carbon Strategies (ES)
- **Green Screen:** Greening the creative industries: improving policy practices for the European Audiovisual industry (UK)
- **MOLOC:** Low carbon urban morphologies (FR)
- **EV Energy:** Electric Vehicles for City Renewable Energy Supply. (NL)
- **COALESCCE:** Community owned and led energy for security climate change and employment (UK)

Challenges identified – EE Buildings (1)



Specific thematic challenges in the projects	Projects
Technologies Energy efficiency with renewable energy Combinations of technologies NZEBS – definitions and benefits	ZERO2CO2, BUILD2LC, ENERSELVES, FINERPOL, SUPPORT, COALESCCE ZERO2CO2, CLEAN ZERO2CO2
Technology / Design Passive design (hot climates), insulation and technologies (colder climates) Building certification Public (i.e. street) lighting Innovation (technical)	ZERO2CO2, ENERSELVES, LOCARBO FINERPOL FINERPOL Build2LC

Challenges identified – EE Buildings (2)



Specific thematic challenges in the projects	Projects
<p>Policies</p> <p>Regional / local policies to promote energy efficiency</p> <p>Capacity building (of staff)</p>	<p>ZEROCO2, LOCARBO, ENERSELVES, EMPOWER, Social Green, VIOLET, MOLOC, SUPPORT, CLEAN</p> <p>REBUS, Social Green, SUPPORT, CLEAN</p>
<p>'Softer' issues</p> <p>Training (e.g. of construction workers, building owners and users)</p> <p>Behaviour change</p> <p>Energy Poverty</p>	<p>ZEROCO2, LOCARBO, Build2LC</p> <p>LOCARBO, Build2LC, CLEAN</p> <p>Build2LC,</p>
<p>Financial Tools</p> <p>Use of EU funds</p> <p>ESCOs</p>	<p>ZEROCO2, LOCARBO, BUILD2LC, ENERSELVES, FINERPOL,</p> <p>Social Green, SUPPORT, CLEAN, COALESCCE</p>



Challenges identified – EE Buildings (3)

Specific thematic challenges in the projects	Projects
Building refurbishment Public housing and buildings Private housing	ZEROCO2, LOCARBO, REBUS, Social Green, CLEAN, VIOLET FINERPOL
Missing issues?? Spatial planning Building regulations – certification, NZEBs Private finance – Energy Efficiency Directive - Obligation Schemes? Links to green infrastructure (climate change adaptation)	Maybe just missed in my review of your projects! Or its still on your 'to do' list 😊



Other current and old projects of potential relevance / interest

Current projects

- **GPP4Growth** Green public procurement for resource efficiency regional growth:
- **RETRACE, Circe , CESME, PERFECT, SYMBI**: May have some cross over (resource efficiency) but most of the focus seems to be on waste
- **BIO4ECO**: Bioenergy focus

Old (INTERREG IVC) projects

- **Capitalisation reports and policy recommendations** – still available online <http://www.interreg4c.eu/capitalisationlibrary/> Some examples:
- **EnercitEE**: Energy efficiency in historic buildings (Saxony – Germany), Engaging households in Energy Efficiency – behaviour change (France)
- **PLUS**: Energy efficiency in public (street) lighting (including finance options)
- **CO2FREE**: Monitoring and targeting
- **SERPENTE**: Small (€100k) revolving fund for energy efficiency improvements in public buildings

**Interreg
Europe**



European Union | European Regional Development Fund



*Sharing solutions
for better regional policies*

Thank you!

Questions welcome



Interregeurope