

The European Energy Efficiency Fund

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www.linkedin.com/company/european-energy-efficiency-fund-eeef-



EUROPEAN ENERGY EFFICIENCY FUND

An established business model delivering measurable impact



The European Energy Efficiency Fund (eeef) is a innovative public-private partnership dedicated to mitigating climate change through energy efficiency measures, use of renewable energy and clean urban transport in the Member States of the European Union.



First investment in
2012

cdp



€195m

globally committed since inception

€160m

currently committed into projects⁽¹⁾

BBB+

long-term credit rating⁽²⁾

640,845

tonnes carbon dioxide equivalents
cumulative carbon saving⁽³⁾

18

investments
since
inception⁽¹⁾



1,626,776

megawatt hours cumulative
primary energy savings⁽³⁾



65%

average CO2e emissions cut⁽³⁾

in **30+** cities

for **7m+** people

Project development to implementation

Feasibility study for
Municipalities supported
by the eeef Technical
Assistance Facility

**Definition of a win-win
and bankable** project for
Municipalities

**Launch of a call for
tender** to select the most
suitable ESCO

**Off-balance sheet
financing** to ESCO for
upfront investment and
financing repaid by the
energy savings

Project implementation
leading to savings in
primary energy
consumption and CO₂
emission

Street lighting upgrade in 14 municipalities via inter-municipal entity, Portugal

PROJECT DESCRIPTION

Partners:

- **CIMAC** inter-municipality organization (beneficiary)
- **I-sete, Foment Efficiency** (ESCO, co-investors)

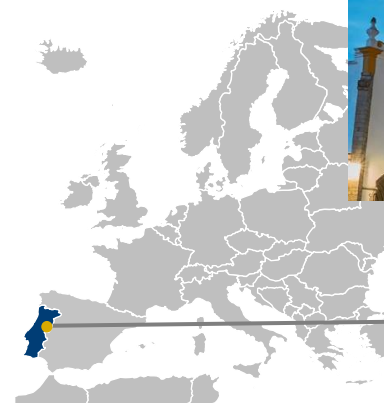
Measures:

Energy efficiency
Street lighting

- Replacement of existing street lights with ca. 56,000 energy efficient LED lighting points to upgrade among others UNESCO World Heritage site of Évora

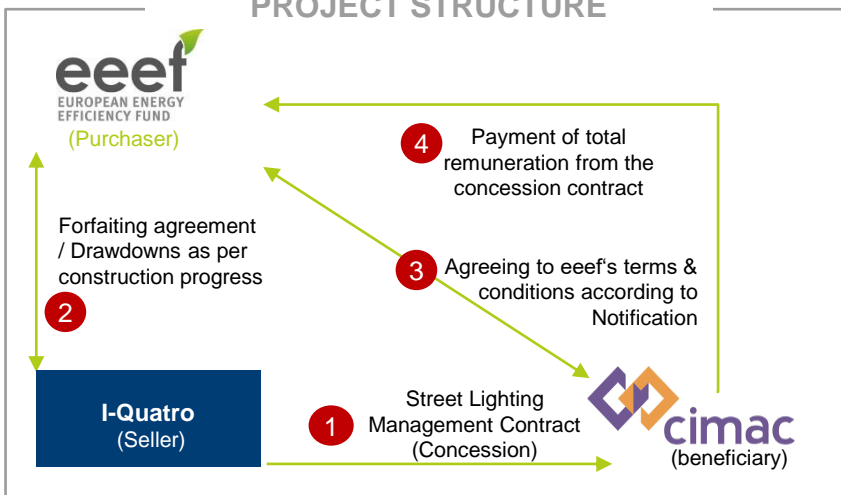
Outcome:

- CO₂e savings of 5,192 t/yr and primary energy savings of 40,655 MWh/yr (74% savings)
- The project will also generate €7.1m of monetary benefits for the 14 municipalities over a 12-year concession period



Portfolio of 14 municipalities in Alentejo region, Portugal

PROJECT STRUCTURE



INVESTMENT CHARACTERISTICS

Key data:

- Total project volume: €13.5m
- eeef-funded volume: €12.1m via forfeiting agreement
- Duration of financing: 12.25 years

Highlights:

- Project will bring positive change to 14 municipalities with ca. 167,000 inhabitants and a high number of historic buildings
- The 2nd country where eeef successfully financed the street lighting upgrade via forfeiting facility
- Project emerged from the COM Technical Assistance facility and aggregated numerous small projects into a single sizeable project

Street lighting upgrade for 6 district in Gijon, Spain

PROJECT DESCRIPTION

Partners:

- **Municipality of Gijon** (Beneficiary)
- **ACCIONA ESCO, S.L.** (ESCO, 100% owned by Acciona SA)

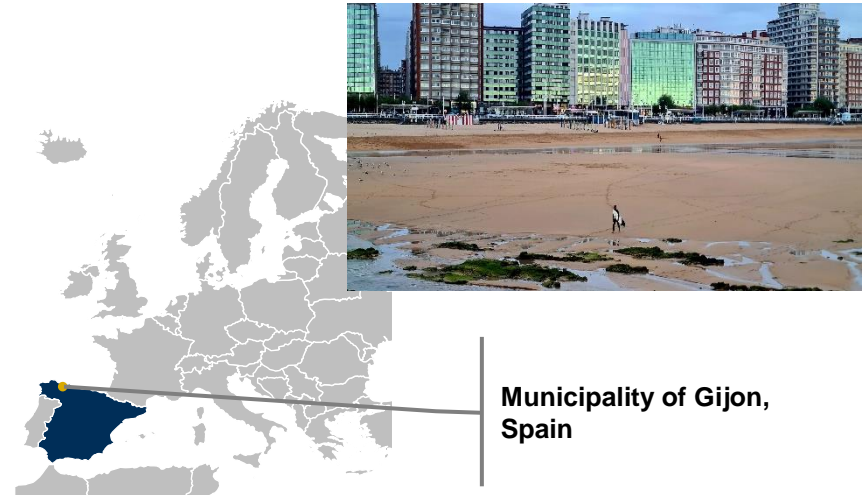
Measures:

Energy efficiency for Street lights & Buildings

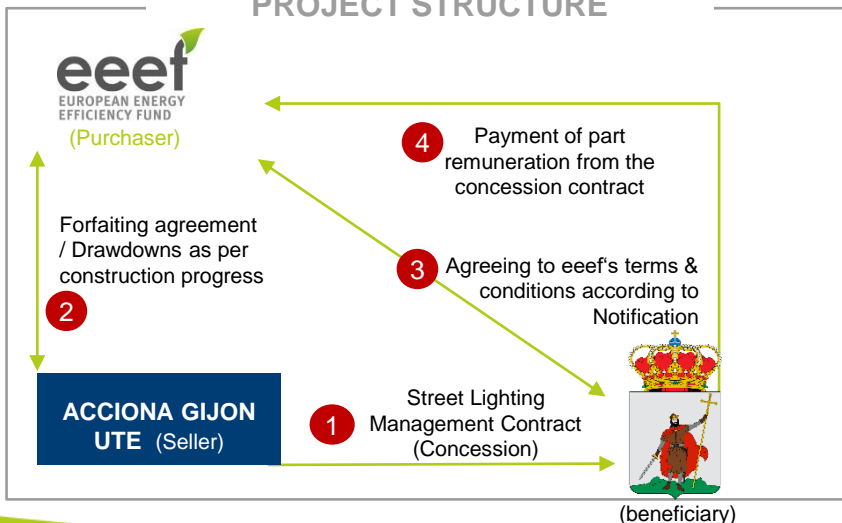
- Replacement of existing lights with ca. 42,900 energy efficient LED lighting points to upgrade streetlights and public buildings in Gijon

Outcome:

- Min. CO₂e savings of 3,160 t/yr and min. primary energy savings of 37,005 MWh/yr (48% savings)*
- The project will also generate monetary benefits for the municipality for over 15-year of the concession period



PROJECT STRUCTURE



INVESTMENT CHARACTERISTICS

Key data:

- Total project volume: €19.5m
- eeef-funded volume: €19.5m via forfeiting agreement
- Duration of financing: 10.0 years

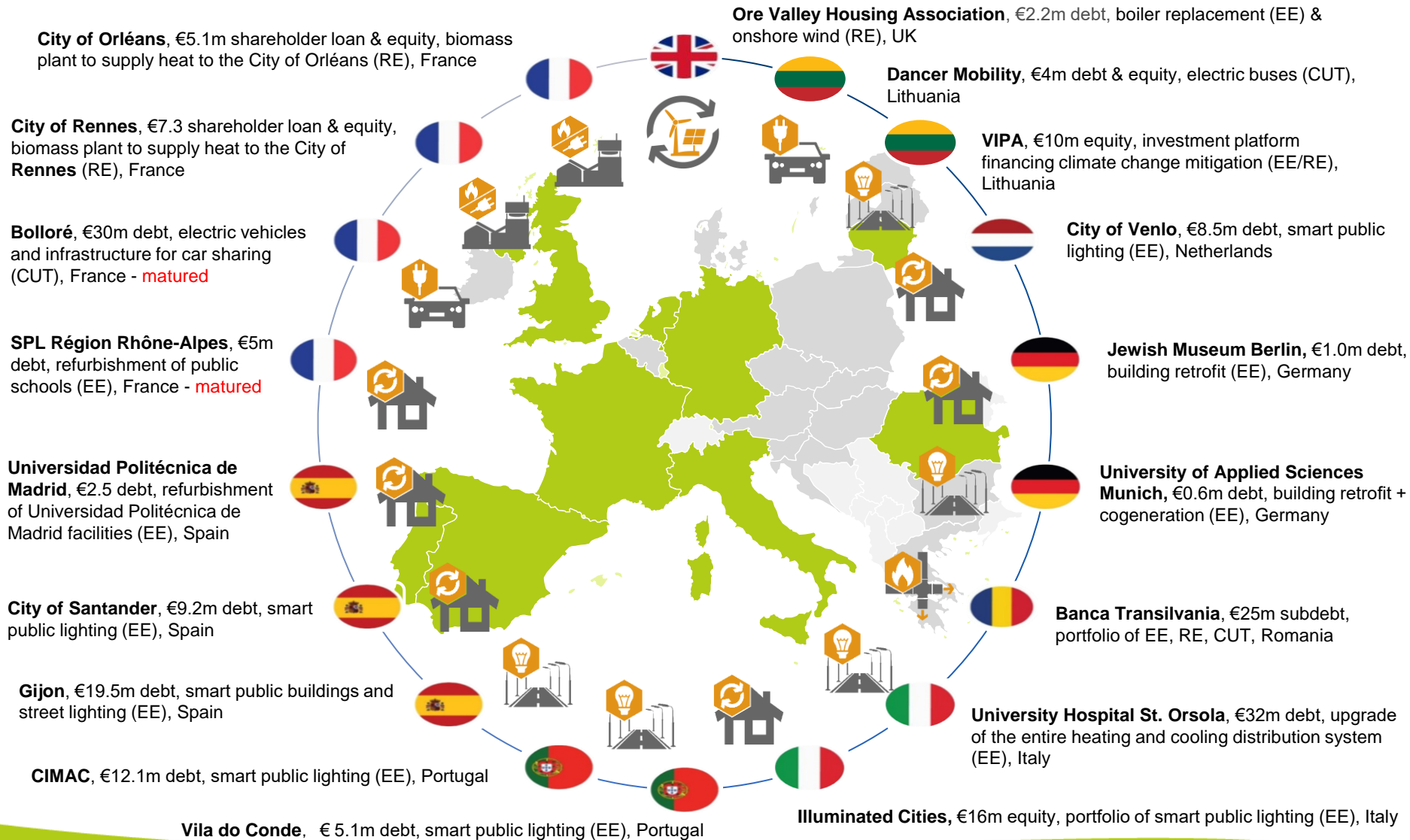
Highlights:

- Project will bring positive change to 6 districts within the municipality of Gijon with ca. 271,780 inhabitants and a high number of public buildings
- 3rd forfeiting facility in Spain by the Fund to help public beneficiaries and ESCOs
- Project emerged from the eeef Technical Assistance facility that helped bundle numerous ideas into a single sizeable project

(*) Conservative estimates, real results are likely to exceed 63% savings..

Investments summary to date

Broad diversification by investment form, size, technology, country



The complete toolkit for investment projects

eeef is a unique one-stop shop with an agile investment process

1

HOW THE EEEF MAKES THE DIFFERENCE

eeef can provide:

Tailor-made investment

- **Debt, incl. purchase of credit**
- **Project equity**
- **Mezzanine**

*Inc. portfolio facilities**

Technical assistance

Consulting services to prepare, launch and finalize a public tender, on a **grant base results-conditioned**

Lean process

An **experienced investment team** to partner up with, in a **linear** and **rapid** investment process

2

INVESTMENT ELIGIBILITY CRITERIA

Invested entity

To whom

- **Public entity**, similar to City of Venlo (NL)*, Ore Valley housing association (UK)**, **or**
- **Private company in a Public Private Partnership**, similar to Rekeep (IT)*, EDF Group (FR)*, Johnson Controls (DE)*, **or**
- **Financial institution financing the above**, like Banca Transilvania (RO)*

Project sector

developing what

- **Energy efficiency**, similar to street lighting upgrade in the City of Santander or building retrofit of the Munich University of Applied Sciences**
- **Renewable energy**, similar to biomass plants in the cities of Orléans and Rennes**, **or**
- **Clean urban transport**, similar to Bolloré car-sharing programme for electric cars in France or to Dancer innovative electric buses in Lithuania**

Further criteria

With these features

- **Impact:** avoiding **CO₂e emissions or primary energy consumption** by at least **30%** compared to baseline***
- **eeef ticket:** looking for **funding** in a (flexible) range **between €5m and €25m**
- **Project location:** in one of the **EU Member States**

*Win-win strategy: from the sponsor pov aggregation enables smaller projects reaching altogether €5m+, from the eeef pov it delivers a more granular fund portfolio

Examples from eeef's investments for illustrative purpose, *20% for transactions signed before June 2021

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