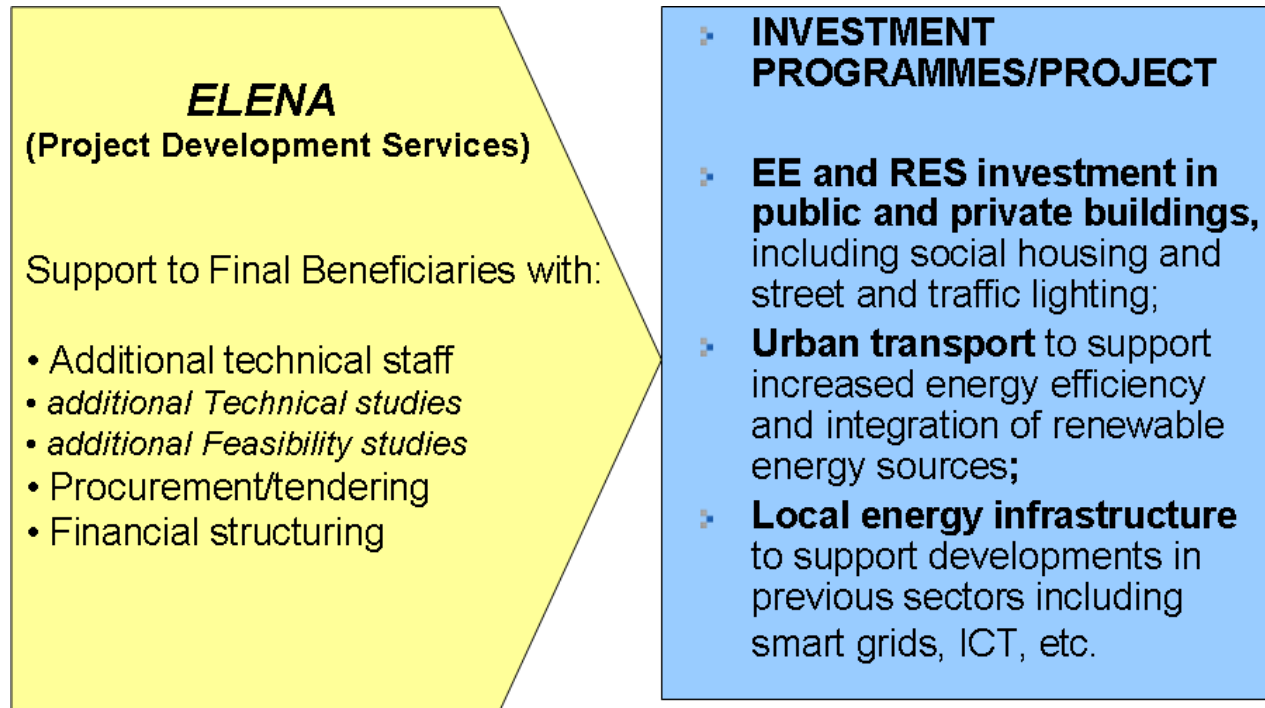


# European Local Energy Assistance (ELENA) facility



- ELENA is a **technical assistance facility**, providing grants to cities, provinces, regions and entities acting on their behalf, of up-to 90% of eligible costs, for **development** of bankable **sustainable energy investment programmes/projects** at their territories.
- Minimum leverage factor - 25, as of 2011 - 20
- ELENA is financed through the IEE Programme
- Applications sent directly to EIB/PFIs

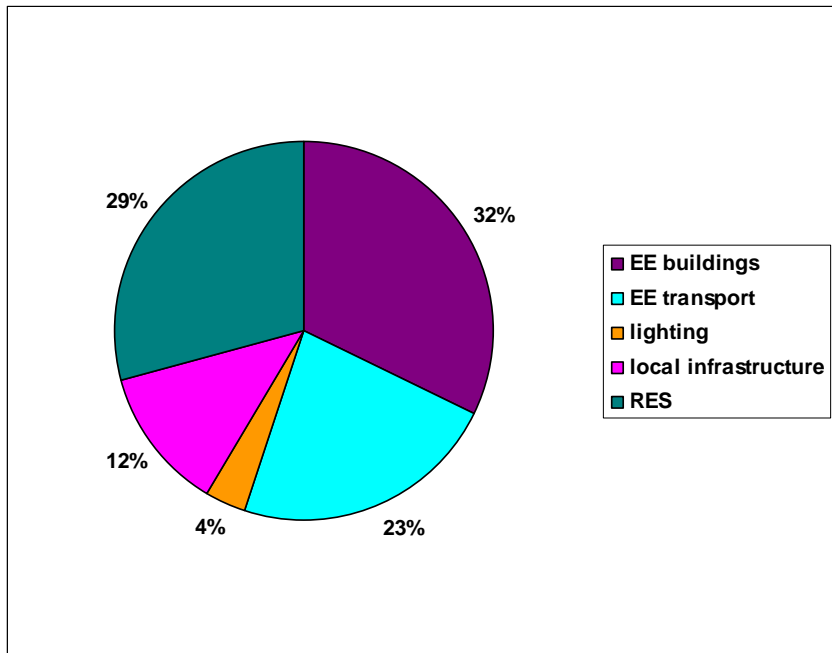
# ELENA projects so far – 6 signed, 6 approved

**ELENA contribution: EUR 21,877,929 – Expected investment: EUR 1.6bn**

<b>Project name</b>	<b>Beneficiary</b>	<b>Location</b>	<b>Sector</b>
REDIBA	Province of Barcelona (E)	over 300 small and medium municipalities	EE & RE
CHP/DH	City of Purmerend (NL)	1 medium-size municipality	RE & Local infrastructure
EE Milan Covenant of Mayors	Province of Milan (I)	100 small municipalities	EE &
MADEV	City of Madrid (E)	1 large municipality	Transport
EE Ecoles Paris	City of Paris (F)	1 large municipality	EE
Vila Nova de Gaia Sustainable Programme	City of VN de Gaia (P)	1 medium-size municipality	EE & transport
Development of smart grid infrastructure in autonomous islands of the Aegean Sea	DAFNI (GR)	5 Islands, 10 small-size municipalities	Local infrastructure & RE
RE-FIT	Greater London Authority (UK)	Several London Boroughs	EE
Electrobus: EE efficient bus network for Barcelona	City of Barcelona	1 large municipality to large cities	Transport
SPIS – Sparvagnar I Skane	City of Malmö (S)	3 medium	Transport
London – Decentralised Energy	Greater London Authority (UK)	Minimum of 15 DE projects	Local infrastructure
ELENA - MODENA	Province of Modena (IT)	Municipalities in the province	PV, buildings, public lighting

# ELENA projects

## Distribution of planned investment for the 12 signed and approved projects



- Expected investment: over EUR 1.6bn
- Fair distribution between sectors
- Support to small & medium-size cities through regional/provincial bodies
- Replication of best practices, on very large scale
- Significant use of energy performance contracts or ESCOs

## **Preliminary indicators for signed and approved projects (as stated by applicants)**

- **Energy savings: 913 GWh during ELENA funding period**
- **The production of energy from renewable sources: 417 GWh for the same period**
- **The total emissions of CO<sub>2</sub> avoided: 496 000 tons annually over the ELENA project duration**
- **Direct and indirect jobs created during the implementation and life time of the investment programmes, if fully achieved, could be estimated at 25,400 person-years**



## ELENA added value

- **Replication of best practices demonstrated in other European locations**  
e.g. ESCOs; and **high potential replication of approaches developed by ELENA projects in other regions/countries**
- **Scaling up and bundling EE & RE investments**  
Larger scale, better efficiency, economies of scale, reduced transaction costs
- **Increased capacity building within local authorities**  
Encouragement to improve planning and coordination
- **Improvement of bankability of projects**  
Support provided through ELENA improves access to finance
- **Support to the implementation of measures and programmes identified in SEAPs**

# Way forward

## ■ Changes to ELENA Facility

- ✓ Two new ELENA compartments under development (KfW, CEB)
- ✓ As of WP2011, leverage factor goes to 20 for all ELENAs
- ✓ **ELENA-EIB**: projects above € 50 million, implemented by EIB
- ✓ **ELENA-KfW**: projects smaller than € 50 million, implemented by KfW and PFIs, carbon crediting component
- ✓ **ELENA-CEB**: projects smaller than € 50 million, implemented by CEB and PFIs, social housing component
- ✓ ELENA-EIB and ELENA-KfW – operational in 2<sup>nd</sup> quarter 2011
- ✓ ELENA-CEB, launched later in 2011
- ✓ All approved projects communicated publicly via websites of banks, IEE, Managenergy and Covenant of Mayors

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