



# REBUS

## POR FESR 2014-2020 BANDO EFFICIENTAMENTO ENERGETICO IMMOBILI PUBBLICI RISULTATI ,OBIETTIVI E SCORRIMENTO GRADUATORIA

***Settore Servizi Pubblici Locali, Energia e Inquinamenti  
Direzione Ambiente ed Energia***

***10 novembre 2020***

## POR FESR 2014-2020 AXIS 4

# “Sostenere la transizione verso un’economia a bassa emissione di carbonio in tutti i settori”

### AZIONE 4.1.1 Interventi di efficientamento energetico degli immobili pubblici

#### Bando "POR CReO FESR 2014-2020- Progetti di efficientamento energetico degli immobili pubblici”

AZIONE	TITOLO AZIONE	DOTAZIONE FINANZIARIA BANDO (euro)	DOTAZIONE FINANZIARIA PRECEDENTE (euro)	DOTAZIONE FINANZIARIA ATTUALE * (euro)
4.1.1	Interventi di efficientamento energetico degli edifici pubblici e strutture pubbliche ed integrazione con fonti rinnovabili	8.000.000,00	29.977.068,27	53.262.194,55

\* Rimodulazione delle risorse degli interventi dell'Asse 4 a seguito della Delibera di Giunta Regionale n° 1089 del 8/10/2018

## **CALL**

# **"POR CReO FESR 2014-2020- Progetti di efficientamento energetico degli immobili pubblici"**

**In July 2016 Tuscany Region, with the full support of REBUS, decided to invest ca. 32 million of euro in the call "POR CReO FESR 2014-2020- Action 4.1.1 - Energy Efficiency Projects in public buildings".**

**The call was officially launched one year later - July 2017,**

**PRESENTAZIONE DOMANDE**  
dal 26 luglio 2017 al 3 aprile 2018

## CALL

The call was aimed at public institutions (municipalities, metropolitan areas ,Local Health Authorities / Hospitals) owning public buildings to be renovated through energy efficiency interventions.

### Main building requirements

Buildings must be:

- of public property
- existing and used.
- equipped with winter and / or summer air conditioning systems
- be used for public use (institutional, school, hospital, health, training, welfare, cultural, sports, etc.) and non-residential and similar
- not be intended for the exercise of economic activities in a prevalent form or economic activities carried out within them have a purely local character and are aimed at a geographically limited catchment area

## **LIST A)**

The interventions will cover, among others:

the thermal insulation of horizontal and vertical structures,

the replacement of windows and doors,

the replacement of air conditioning systems with plants powered by condensing gas boilers or plants powered by high efficiency heat pumps,

the replacement of traditional hot water heaters with heat pump or solar collector for domestic hot water production,

intelligent automation and control systems for indoor lighting and air conditioning,

passive air conditioning systems,

high efficiency cogeneration / trigeneration plants

## **LIST B)**

Integration may be workable for the production of thermal energy from renewable energy sources such as solar, aerothermal, geothermal, hydrothermal and for the production of electricity from renewable energy sources such as solar (photovoltaic plants), provided for self-consumption.

The interventions will have to be carried out in existing public buildings used for public use and located within the regional territory.

## REBUS

Thanks to the contacts established with the Tuscan Managing Authority (MA) within REBUS, ARRR has taken on an important role in the path towards influencing and improving “Axis 4 - transition toward a low carbon economy - of the ERDF ROP 2014-20”.

REBUS has supported the Managing Authority in the following steps towards the Policy Improvement:

### **a) Definition of new selection criteria of the call for proposal**

During some bilateral meetings between Tuscany Region (MA) and ARRR, all the selection criteria were first discussed and then defined. (energy audits in order to plan suitable interventions in buildings)

### **b) New evaluation criteria to rank projects**

From the experiences shared within the REBUS project, the following evaluation criteria were suggested by ARRR and then included in the call, foreseeing additional scores for project proposals including:

- installation of suitable automatic monitoring systems
- interventions leading to zero energy projects
- raising up of aid intensity up to 80%
- proposals focusing on a specific typology of building among schools, hospitals, sport facilities.

## REBUS

ARRR also suggested to link energy production interventions (List B) to the main interventions (List A).

### **c) New engagement modalities of regional stakeholders and final beneficiaries**

In collaboration with Tuscany Region, AFE staff has organised 10 itinerant meetings in the whole regional territory, in order to reach stakeholders in all parts of the region (Sept - Oct 2017 - more than 500 tot participants). During these meetings, REBUS project was presented, and good examples from partners' regions are shown in order to help local municipalities build their own project proposal and improve quality of potential projects.

Moreover, a special focus has been turned on Hospitals, which are complex structures in terms of energy efficiency operations and management.

## RESULTS

The Regional Government allocated all resources available to the Axis 4 funding for energy efficiency in public buildings ca. 53,2 million of euro

266 energy efficiency projects were admitted to the ranking, for a grant request for a total amount of 97 million euros on an eligible investment of 136 million euros

-243 projects presented by local authorities, which mainly concern school buildings, for a contribution amount of € 70.6 million on an eligible investment of € 96 million

-23 projects presented by Local Health Authorities / Hospitals for an eligible contribution amount of € 27.1 million on an eligible investment of € 40 million

A total of 149 projects have been financed to date for a contribution amounting to 53,2 million euros on eligible investment of 81.1 million euros

-144 projects presented by local authorities, which mainly concern school buildings, for a contribution amount of € 42.8 million on eligible investment of € 60.8 million

-5 projects presented by Local Health Authorities / Hospitals for an eligible contribution amount of € 10.4 million on an eligible investment of € 20.3 million



## RESULTS

Through the implementation of the 149 energy efficiency projects of public buildings, a reduction of primary energy equal to approximately 38,000,000 Kwh / year and a reduction in greenhouse gas emissions equal to approximately 7770 tons of CO<sub>2</sub>eq will be obtained.

The cost savings of public property projects are immediately acquired in the balance sheet and reallocated to the projects for the scrolling of the ranking.

Therefore, as of today, 117 projects would be unfunded for a contribution amounting to 44.5 million euros on an eligible investment of 55 million euros

-99 projects presented by local authorities, which mainly concern school buildings, for a contribution amount of € 27.8 million on an eligible investment of € 35.2 million

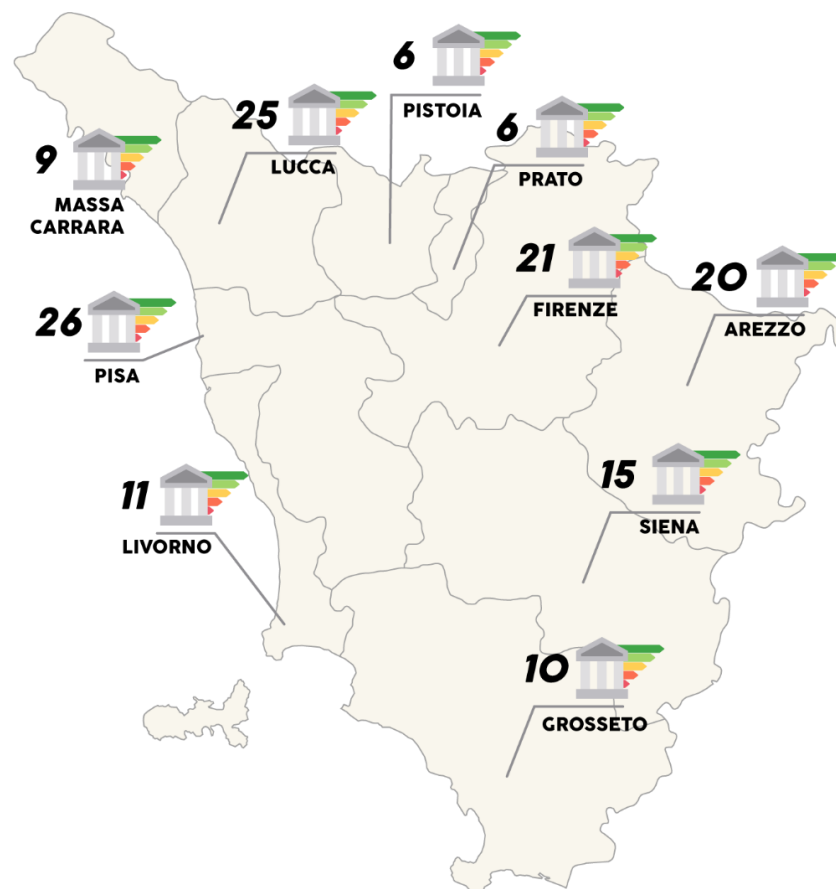
-18 projects presented by Local Health Authorities / Hospitals for an eligible contribution amount of € 16.7 million on an eligible investment of € 27.8 million



## RESULTS

### Number of energy efficiency interventions financed with POR Funds 2014-2020 - Public buildings

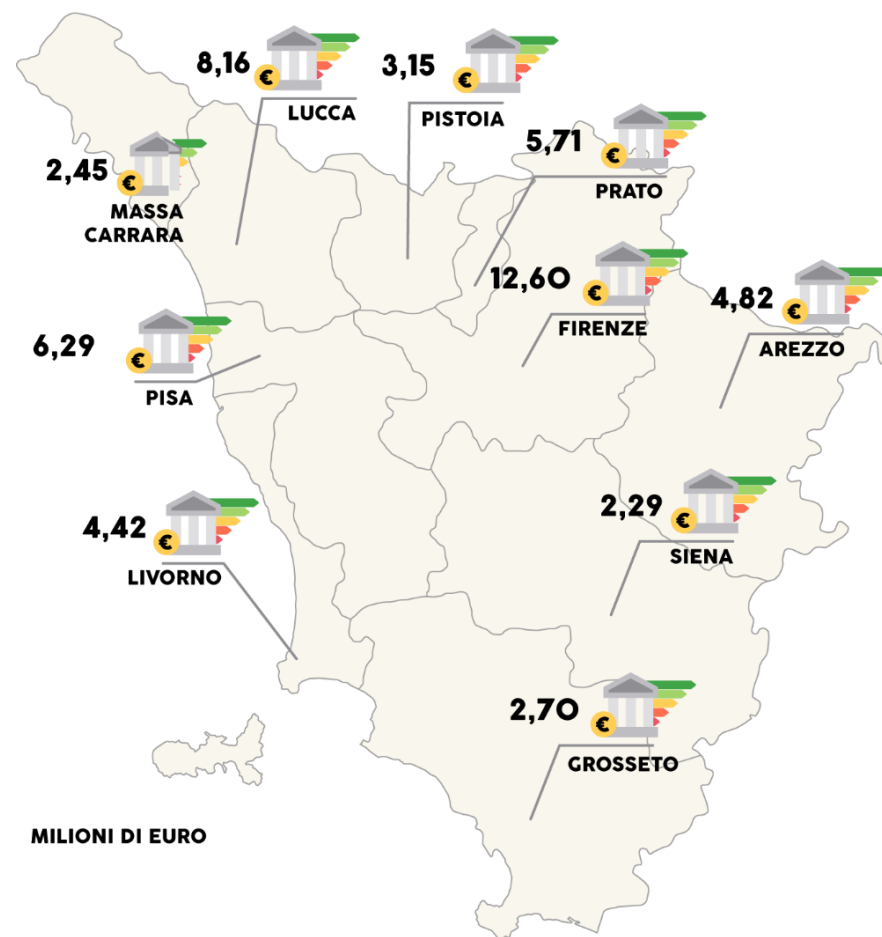
As part of the POR FESR 2014-2020 call for energy efficiency interventions in public buildings, a total of 149 projects were financed, of which 144 submitted by local authorities and 5 by health authorities / hospitals. The provinces affected by a greater number of funded projects are Pisa (26) Lucca (25) Florence (21) and Arezzo (20)



## RESULTS

### Contribution amount granted for energy efficiency interventions financed with POR 2014-2020 Funds - Public buildings

As part of the POR FESR 2014-2020 call for interventions to improve the energy efficiency of public buildings, 149 projects were admitted for financing for an amount of assigned contribution of 53.3 million euros (13.2 Mln), Florence (7.9 Mln), Livorno (5.7 Mln), Lucca (5.3 Mln) and Arezzo (5.1 Mln)

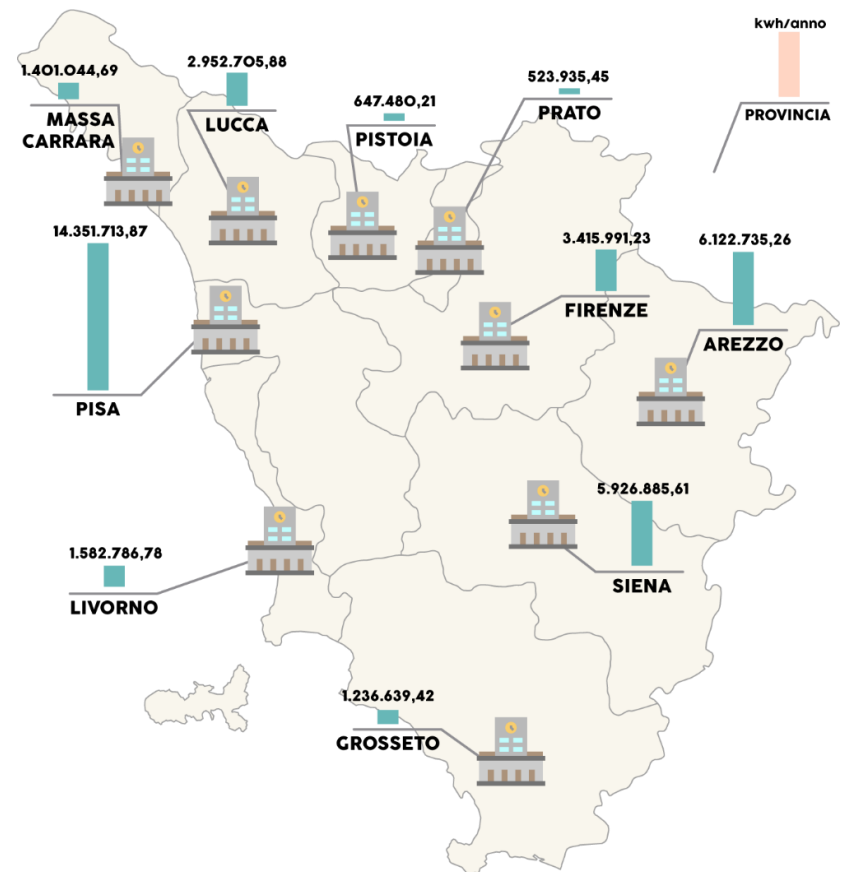




## RESULTS

### Reduction of energy consumption following efficiency measures financed with POR 2014-2020 - Public Buildings

Through the implementation of the 149 projects financed under the POR FESR 2014-2020 call for interventions to improve the energy efficiency of public buildings, a reduction of primary energy equal to approximately 38,000,000 kWh / year will be achieved. In particular, the provinces affected by a more significant contribution to reduce energy consumption are Pisa (14.3 MWh / year), Arezzo (6.1 MWh / year), Florence (3.4 MWh / year), Lucca (2,9 MWh / year).



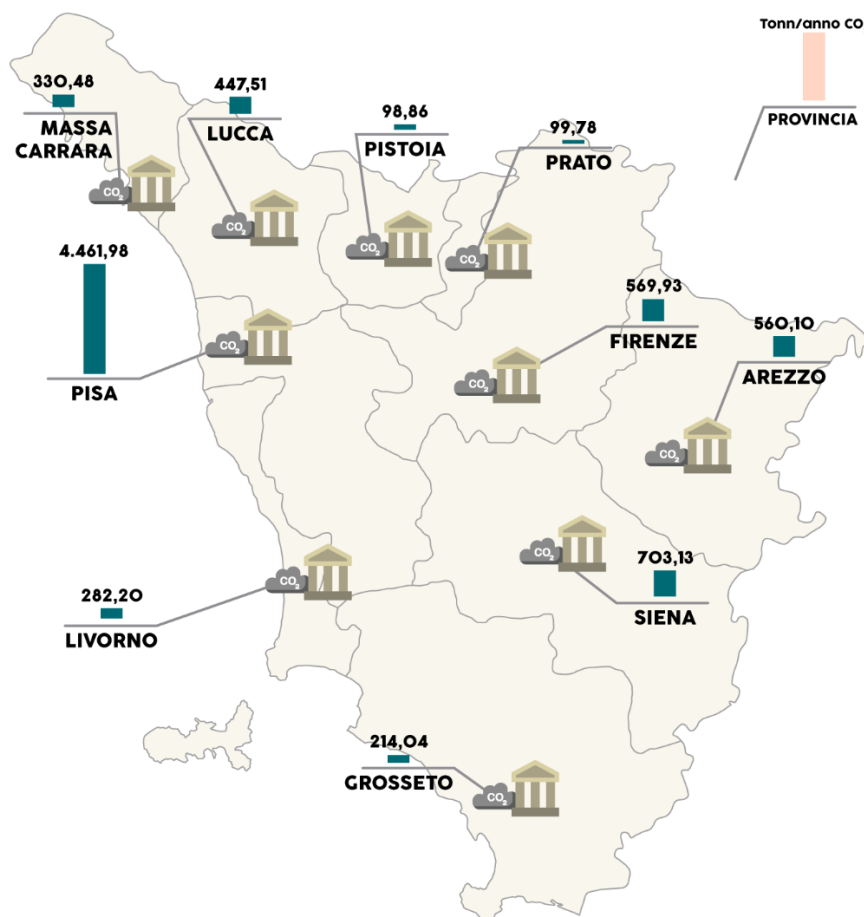


## RESULTS

### Equivalent CO2 emissions avoided by POR interventions (Public buildings)

Through the implementation of the 149 projects funded under the POR FESR 2014-2020 call for energy efficiency measures in public buildings, a reduction in climate-altering gas emissions of approximately 7770 tons of CO<sub>2</sub>eq will be achieved.

In particular, the provinces affected by a more significant greenhouse gas emission reduction contribution are Pisa (4461 tons CO<sub>2</sub>eq), Siena (703 tons CO<sub>2</sub>eq), Florence (569 tons CO<sub>2</sub>eq), Arezzo (560 tons CO<sub>2</sub>eq).



# RISULTATI DEL BANDO

## Risultati partecipazione Enti Locali e AA.SS.

<b>SOGGETTI</b>	<b>N° PROGETTI PRESENTATI</b>	<b>INVESTIMENTO AMMISSIBILE (Euro)</b>	<b>CONTRIBUTO RICHIESTO (Euro)</b>
Enti Locali	272	108.200.761,02	80.239.481,08
ASL e Aziende Ospedaliere	23	40.077.228,97	27.349.554,80
<b>TOTALE</b>	<b>295</b>	<b>148.277.989,99</b>	<b>107.589.035,88</b>

<b>SOGGETTI</b>	<b>N° ENTI LOCALI ESISTENTI</b>	<b>N° ENTI LOCALI PARTECIPANTI</b>	<b>N° PROGETTI PARTECIPANTI</b>
Comuni	274	142	260
Unione dei Comuni	23	3	3
Province	10	4	9
<b>TOTALE</b>	<b>307</b>	<b>149</b>	<b>272</b>



# RISULTATI DEL BANDO

## Risultati partecipazione Comuni

PROVINCIA	N° COMUNI ESISTENTI	N° COMUNI PARTECIPANTI	N° PROGETTI PRESENTATI	CONTRIBUTO RICHIESTO DAI COMUNI PARTECIPANTI (Euro)	PERCENTUALE COMUNI PARTECIPANTI SU COMUNI ESISTENTI (%)
AR	36	14	30	7.580.409,30	38,9
FI	42	24	38	14.737.966,93	57,1
GR	28	13	18	2.587.363,74	46,4
LI	19	8	15	5.543.110,54	42,1
LU	33	19	31	8.333.271,07	57,6
MS	17	12	25	7.943.546,58	70,6
PI	37	17	43	12.745.437,71	45,9
PO	7	4	12	3.586.038,91	57,1
PT	20	13	22	8.131.799,86	65
SI	35	18	26	5.664.589,38	51,4
<b>TOTALE</b>	<b>274</b>	<b>142</b>	<b>260</b>	<b>76.853.534,02</b>	<b>51,8</b>

Gli Enti Locali che hanno presentato più domande sono:

- Comune di Cascina: 8 domande
- Comune di Pisa e Comune di Prato: 7 domande
- Comune di Bibbiena, Comune di Loro Ciuffenna e Provincia di Arezzo: 5 domande



## RISULTATI DEL BANDO

### Risultati partecipazione ASL E AZIENDE OSPEDALIERE

<b>SOGGETTI AA.SS.</b>	<b>N° PROGETTI PRESENTATI</b>	<b>CONTRIBUTO RICHIESTO (Euro)</b>
ASL SUD EST	2	1.927.463,82
ASL CENTRO	8	5.877.856,56
ASL NORD OVEST	3	4.134.103,72
OSPEDALE PISANO	1	6.000.196,58
OSPEDALE SENESE	2	5.997.902,09
OSPEDALE CAREGGI	5	2.176.896,67
OSPEDALE MEYER	2	1.235.135,36
<b>TOTALE</b>	<b>23</b>	<b>27.349.554,80</b>



## RISULTATI DEL BANDO

### Risultati graduatorie progetti ammessi

SOGGETTI	N° PROGETTI AMMESSI	INVESTIMENTO AMMISSIBILE (Euro)	CONTRIBUTO RICHIESTO (Euro)
Enti Locali	243	96.066.820,92	70.638.121,55
ASL e Aziende Ospedaliere	23	39.952.719,33	27.135.248,22
<b>TOTALE</b>	<b>266</b>	<b>136.019.540,25</b>	<b>97.773.369,77</b>

Su 295 progetti presentati a seguito dell'istruttoria risultano **266 progetti ammessi** per un contributo richiesto complessivo pari a **97.773.369,77**

-ENTI LOCALI :

243 progetti ammessi per un contributo richiesto pari a 70.638.121,55

-ASL/AZIENDE OSPEDALIERE:

23 progetti ammessi per un contributo richiesto pari a 27.135.248,22



# RISULTATI DEL BANDO

## Risultati graduatorie ENTI LOCALI per Province

ENTTI LOCALI PER PROVINCIA				
PROVINCIA	N° PROGETTI AMMESSI	COSTO TOTALE (Euro)	COSTO AMMISSIBILE (Euro)	CONTRIBUTO RICHIESTO (Euro)
AR	33	13.630.876,91	12.190.934,72	8.269.754,91
FI	34	23.472.429,93	18.272.897,41	13.647.416,52
GR	19	3.856.011,91	3.461.232,42	2.664.541,71
LI	16	8.549.414,13	8.218.539,62	5.761.527,60
LU	26	14.760.346,26	11.202.038,24	7.647.422,35
MS	19	7.820.035,51	7.571.806,89	5.929.805,59
PI	42	17.954.672,74	15.584.582,15	11.175.239,20
PO	10	4.996.391,63	4.553.747,27	3.275.855,82
PT	19	7.860.318,02	7.423.723,23	6.072.935,52
SI	25	8.264.119,54	7.587.318,97	6.193.622,33
	<b>243</b>	<b>111.164.616,58</b>	<b>96.066.820,92</b>	<b>70.638.121,55</b>



# RISULTATI DEL BANDO

## Risultati graduatorie ASL e AZIENDE OSPEDALIERE per Province

ASL/AZIENDE OSPEDALIERE PER PROVINCIA				
PROVINCIA	N° PROGETTI AMMESSI	COSTO TOTALE (Euro)	COSTO AMMISSIBILE (Euro)	CONTRIBUTO RICHIESTO (Euro)
AR	-	-	-	-
FI	11	11.783.737,20	8.645.609,23	7.041.369,75
GR	-	-	-	-
LI	1	2.598.744,99	2.471.923,03	2.224.730,73
LU	1	1.417.724,47	1.354.342,29	1.218.908,06
MS	-	-	-	-
PI	2	15.632.165,94	14.714.641,62	6.690.464,94
PO	3	2.030.000,00	1.906.384,51	1.598.808,83
PT	1	800.000,00	544.500,00	435.600,00
SI	4	10.690.732,98	10.315.318,65	7.925.365,91
	<b>23</b>	<b>44.953.105,58</b>	<b>39.952.719,33</b>	<b>27.135.248,22</b>

## RISULTATI DEL BANDO

### Risultati graduatorie ENTI LOCALI E ASL E AZIENDE OSPEDALIERE per Province

ENTI LOCALI+ASL/AZIENDE OSPEDALIERE PER PROVINCIA				
PROVINCIA	N° PROGETTI AMMESSI	COSTO TOTALE (Euro)	COSTO AMMISSIBILE (Euro)	CONTRIBUTO RICHIESTO (Euro)
AR	33	13.630.876,91	12.190.934,72	8.269.754,91
FI	45	35.256.167,13	26.918.506,64	20.688.786,27
GR	19	3.856.011,91	3.461.232,42	2.664.541,71
LI	17	11.148.159,12	10.690.462,65	7.986.258,33
LU	27	16.178.070,73	12.556.380,53	8.866.330,41
MS	19	7.820.035,51	7.571.806,89	5.929.805,59
PI	44	33.586.838,68	30.299.223,77	17.865.704,14
PO	13	7.026.391,63	6.460.131,78	4.874.664,65
PT	20	8.660.318,02	7.968.223,23	6.508.535,52
SI	29	18.954.852,52	17.902.637,62	14.118.988,24
	<b>266</b>	<b>156.117.722,16</b>	<b>136.019.540,25</b>	<b>97.773.369,77</b>



**Thank you for attention**

**VALERIO MARANGOLO**

***Settore Servizi Pubblici Locali Energia e Inquinamenti  
Direzione Ambiente ed Energia***