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# Covenant of Mayors

A local commitment towards Europe's  
energy and climate objectives

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European Commission – DG Energy

29.03.2012

# Energy policy in support of local and regional actors

- **75% of EU population** lives in urban areas
- **85% of EU's GDP** is generated in cities
- Urban areas account for about **70% of** the total primary **energy demand** of the EU
- **1.9%** is the **growth rate** of energy use in cities (vs 1.6% globally)
- Cities and towns are both “part of” the **problem** and the **solution**
- Urban energy consumption is projected to **increase** twice the rate of the EU as a whole (International Energy Agency)
- Cities and regions have enormous **potential** for sustainable energy deployment, with **positive impact** on local economy

# Mayors commit to...

**...go beyond the objectives** set by the EU for 2020, reducing the CO<sub>2</sub> emissions in their respective territories by at least 20%, through the implementation of Sustainable Energy Action Plans (SEAPs)

# The European institutions endorse



“Through the Covenant of Mayors, the EU has shown the rest of the world that its citizens are united in their commitment to reduce CO2 emissions.”

*José Manuel Barroso, President of the European Commission*

“The actions of Covenant signatories can significantly reduce CO2 emissions. By supporting them, Europe can meet the challenges of climate change.”

*Jerzy Buzek, President of the European Parliament*



“The Committee of the Regions gives its full political support to the Covenant of Mayors initiative”

*Ramón Luis Valcárcel Siso, First Vice-President of the Committee of the Regions*

“With more than 1500 cities involved, the Covenant of Mayors has become a key element of the EU sustainable energy policy.”

*Günther Oettinger, European Commissioner for Energy*





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# A success story

**29 November 2011**



**3,000 Signatories**

**4 May 2010**



**1,700 Signatories**

**10 February 2009**



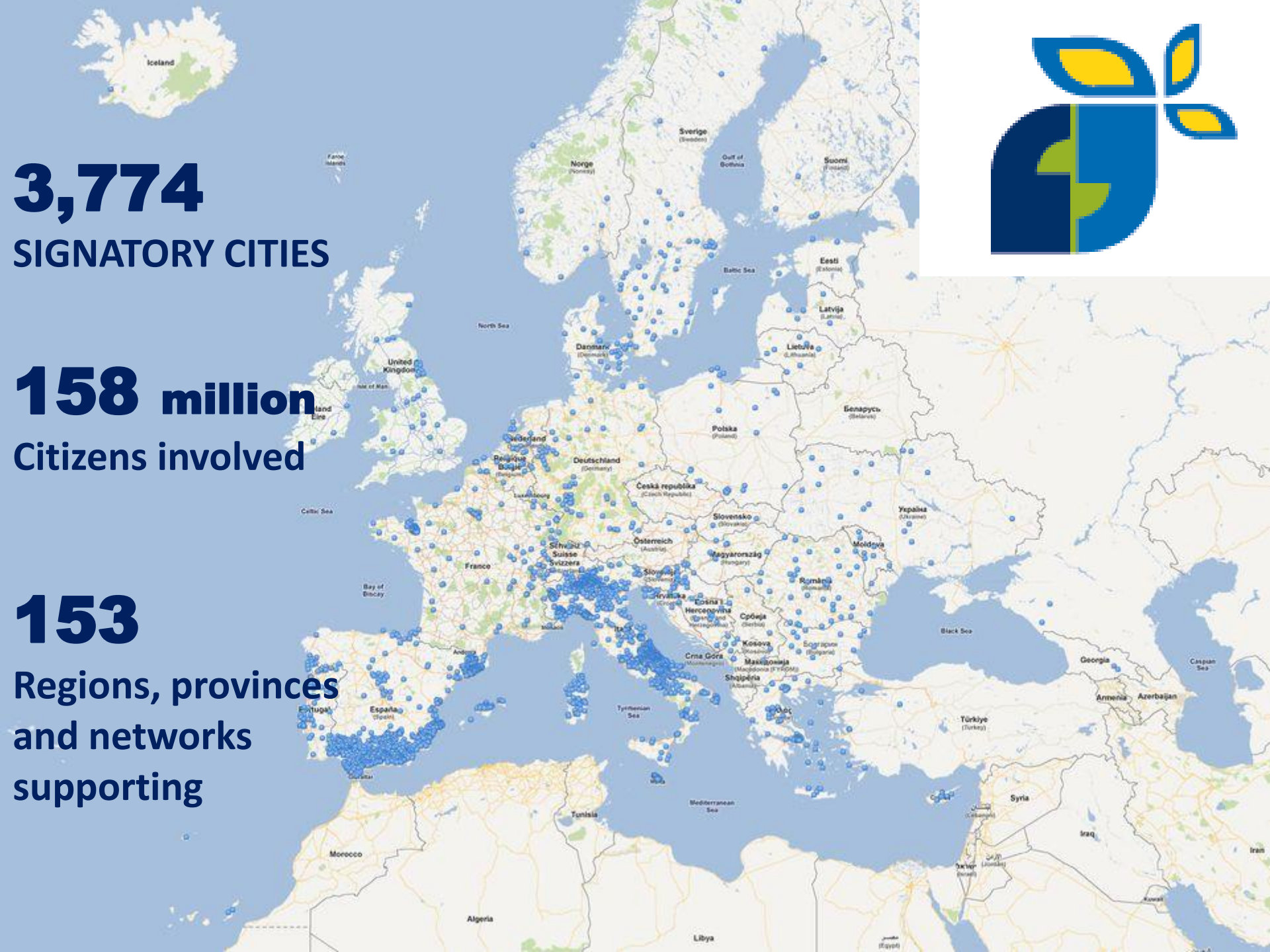
**450 Signatories**



**3,774**  
SIGNATORY CITIES

**158 million**  
Citizens involved

**153**  
Regions, provinces  
and networks  
supporting





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# SEAPs deliver...

**Covenant of Mayors**  
Committed to local sustainable energy

EuMayors.eu My Covenant

About Actions Participation Support Media

## Sustainable Energy Action Plans

Search for a Sustainable Energy Action Plan... OK

Search for a Sustainable Energy Action Plan...

Poland CO2 target by 2020

Year SEAPs status

**7 Sustainable Energy Action Plans found.**

- ✓ Sustainable Energy Action Plans acceptedObserver
- ⌚ Sustainable Energy Action Plan submitted

Signatories	Council deliberation	CO <sub>2</sub> target	Download
Bielawa, PL	28 Sep 2011	20%	
Warsaw, PL	8 Sep 2011	20%	
Elk, PL	30 Aug 2011	25%	
Dzierżonów, PL	29 Aug 2011	20%	
Raciechowice, PL	24 Aug 2011	28%	
Lubianka, PL	31 Mar 2010	44%	
Bielsko-Biala, PL	27 Jan 2010	20%	

**Find a Signatory**

**Download the Covenant of Mayors text**

**Latest Benchmarks**

- Province of Rome, Italy: Use 3R to save energy!
- Hersonissos, Greece: Energy Efficiency Schools
- Hersonissos, Greece: Hersonissos is one of the Municipalities in Crete that is participating at the European Energy Award using the methodology of the MEDEEA project.
- Hersonissos, Greece: Hersonissos Local Authority purchased its first hybrid car
- Keratsini-Drapetsons, Greece: Participation at the 2011 European Mobility Week

**Covenant of Mayors Office**

Contact us to know more about the Covenant of Mayors in practice.

Covenant of Mayors Office  
1, square de Mielus  
B-1000 Bruxelles

View screen View phone

**1,191**  
SEAPs submitted

**144 million**  
tons of CO<sub>2</sub> mitigation potential

**€40 billion**  
investments approx. outlined in SEAPs

**€1.9bn**  
investments committed via ELENA



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# The CoM in Poland

## 29 Signatories found.

Signatories	Population	Adhesion	Status
Bestwina, PL	10,315	7 Jul 2011	
Bielawa, PL	33,000	24 Feb 2010	
Bielsko-Biala, PL	178,000	12 Jan 2009	
Biażowa, PL	10,777	20 Oct 2011	
Bydgoszcz, PL	360,142	23 Nov 2011	
Chorzele, PL	2,783	24 Jun 2011	
Dzierżoniów, PL	34,168	25 Jan 2010	
Elk, PL	57,449	30 Mar 2010	
Gdynia, PL	247,428	23 Feb 2011	
Gniewino, PL	7,100	15 Apr 2011	
Hel, PL	3,845	24 Mar 2011	
Jasienica, PL	18	29 May 2011	
Jaworze, PL	5	5 Sep 2011	
Kolbuszowa, PL	25,184	26 Aug 2011	
Kościerzyna, PL	23,138	23 Mar 2011	

Signatories	Population	Adhesion	Status
Kozy, PL	12,000	20 Jun 2011	
Laszki, PL	7,096	25 Jun 2010	
Lubianka, PL	6,400	12 Jan 2009	
Niepołomice, PL	9,384	14 Jan 2009	
Raciechowice, PL	6,000	29 Oct 2009	
Sokolów Małopolski, PL	16	28 Oct 2011	
Stare Juchy, PL	1,800	30 Mar 2010	
Szczyrk, PL	5,860	15 Jul 2011	
Urząd Gminy Tryńcza, PL	8,426	14 Jun 2011	
Urząd Miasta i Gminy Piaseczno, PL	66,000	21 Sep 2011	
Warsaw, PL	1,680,000	5 Feb 2009	
Wilamowice, PL	14,200	29 Apr 2011	
Wilkowice, PL	11,112	2 Sep 2011	
Władysławowo, PL	14,892	30 Mar 2011	

## 3 Covenant Supporters found.

Covenant Supporters	Countries	Signatories
Association of Polish Cities	PL	
Polish Network Energie Cités (PNEC)	PL	19
Union of Baltic Cities	PL	10



# 3 main reasons why cities get involved



1. Energy is one of the few municipal fields where significant financial savings can be achieved...

# 3 main reasons why cities get involved



2. Lower energy bills for citizens, comfortable living conditions, pleasant environment, more jobs...

## 3 main reasons why cities get involved



3. The battle against climate change has to be fought at local level...

## As a local authority

- Who is eligible?

- How to join?

- When to join?

- Why to join?

- Make a public statement of an extra commitment;
- Create or reinforce the dynamic on CO<sub>2</sub> reduction;
- Benefit from the encouragement and example of other pioneers;
- Share the expertise;
- Make their territory known as a pioneer;
- Benefit from EU endorsement and support;
- Qualify for funding available to Covenant signatories;
- Publicise achievements on the Covenant website.

# Recent Changes in Polish Energy Law

## Art. 18, section 1

concerning the dedicated tasks of the *gmina* with respect to the electricity, heat and gaseous fuels supply

## point 4 (in force from 01/01/12)

among the dedicated tasks of the *gmina*:

"planning and organization of activities resulting in rationalization of energy use and promotion of energy efficiency related solutions on the commune territory"

# What else motivates mayors to join?



“...It is important for me to be encouraged by others and maybe encourage people by our experience...”

*Bo Frank, Mayor, Växjö (SE)*

“... By connecting with our European partners and reinforcing our commitment to such valuable initiatives as the Covenant of Mayors, we can work together in strengthening Europe’s green economy...”

*Emer Costello, Lord Mayor of Dublin (IE)*



“...To meet people with the same ambitions, get motivation, learn from each other...”

*Manuela Rottmann, Deputy Mayor, Frankfurt am Main (DE)*

“...To show that local authorities already act and lead the fight against climate change. The states need them to meet their Kyoto objectives and should therefore support them in their efforts...”

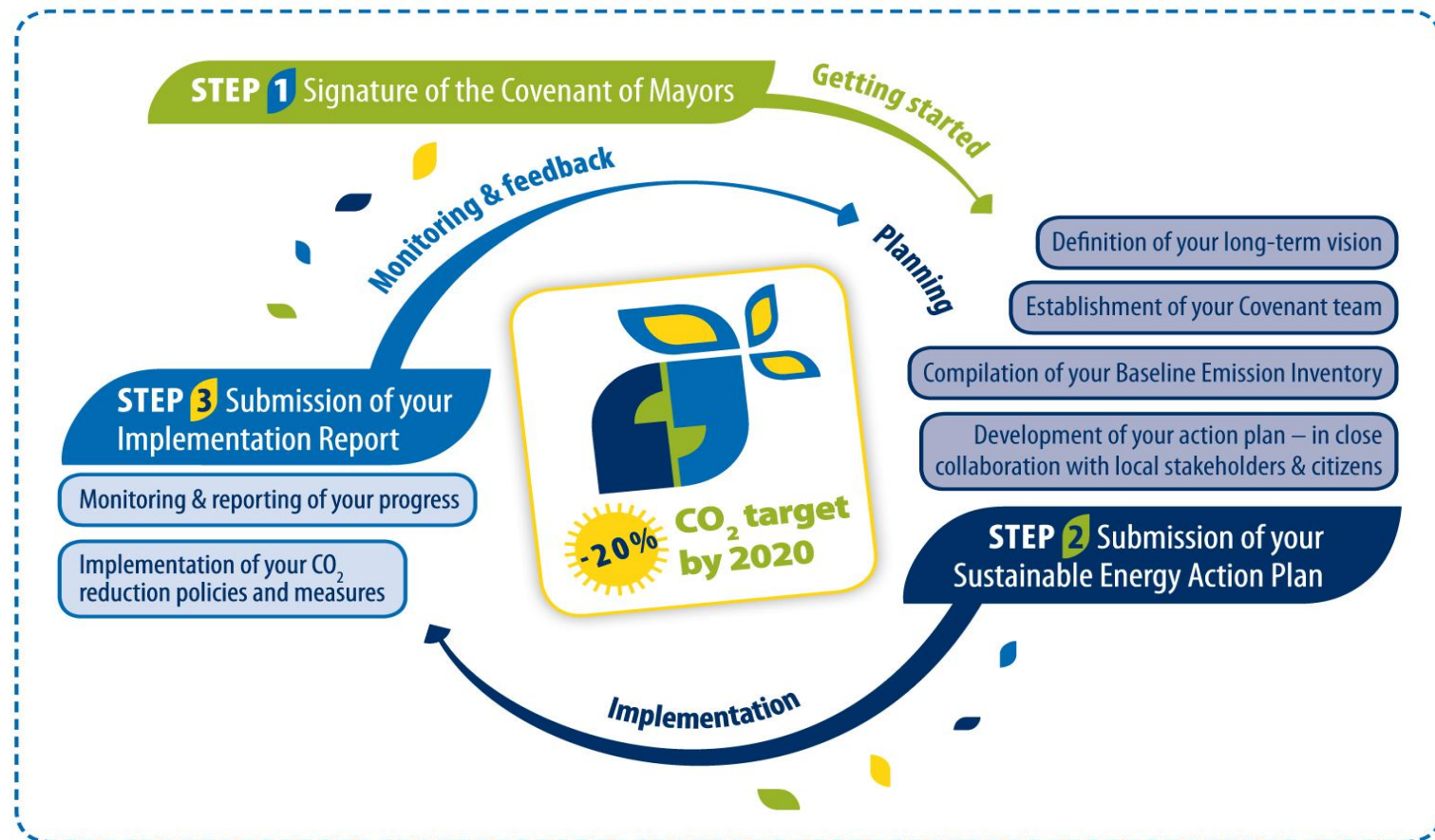
*Denis Baupin, Deputy Mayor, Paris (FR)*





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# 3 steps leading to the Covenant objective: - 20% CO<sub>2</sub> by 2020





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# Green cities

2020

-20% CO<sub>2</sub>

2019

2014

2009

2013

2015

2010

2017

2018

2012



## ALMADA (PT)

Green and safe way back from school



## FREIBURG

Low energy sustainable quarters





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# Energy efficiency



**STOCKHOLM (SE)**  
Energy efficient buildings



**HANNOVER (DE)**  
Low energy standard obligatory  
for all new buildings





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# Accessible transport



## STRASBOURG (FR)

Involving citizens in the  
mobility planning

## HELSINKI (FI)

Investing in clean  
public transport: trams



2020

-20% CO<sub>2</sub>

2019

2018

2014

2013

2015

2017

2009

2010

2012



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# Renewable energy

2020

-20% CO<sub>2</sub>



**VÄXJÖ (SE)**

Fossil fuel free city



**BARCELONA (ES)**

Local regulation: solar panels  
obligatory on all new  
buildings

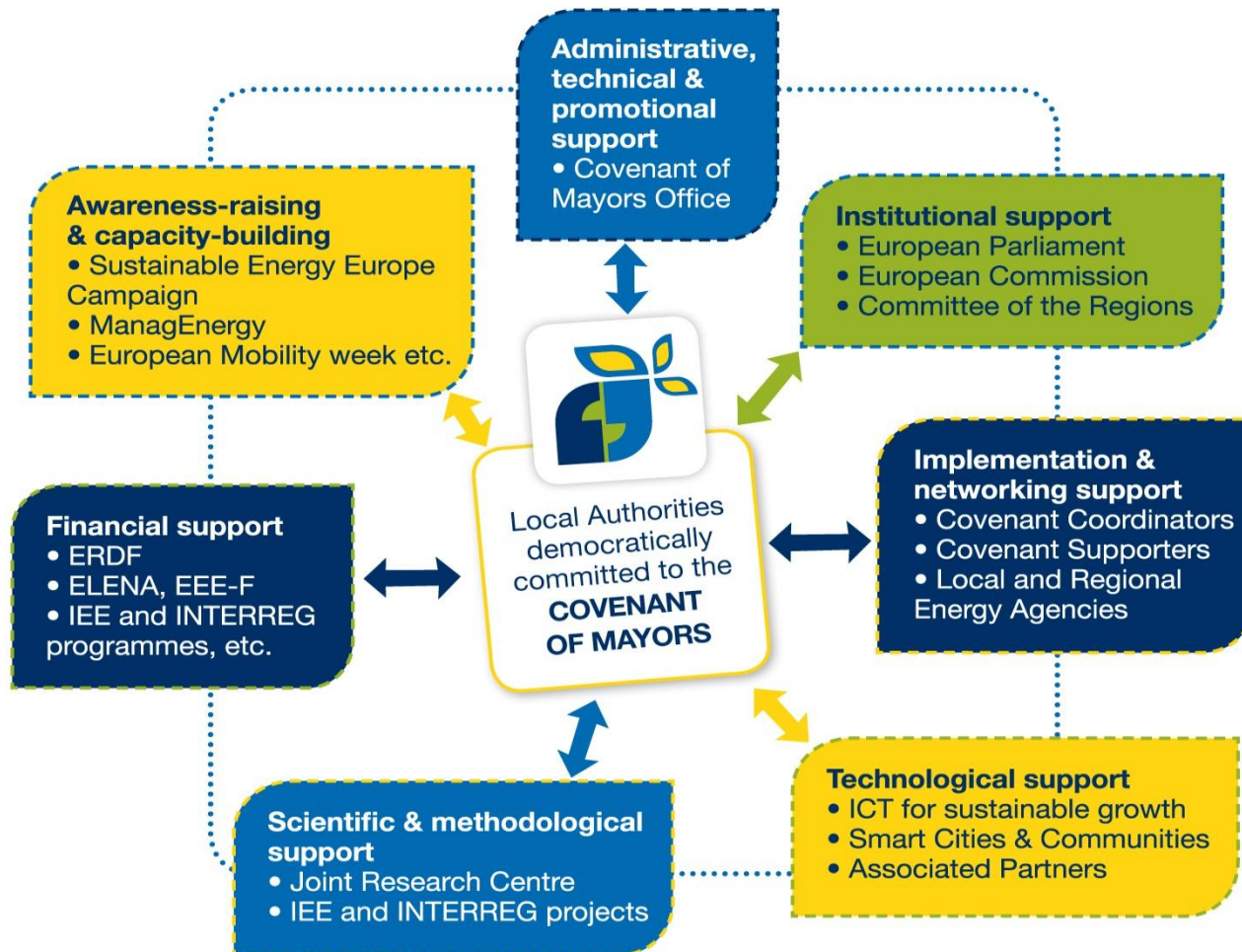
## A sample of 525 SEAPs show:

- 29,8 % overall CO<sub>2</sub> reduction target
- € 33.6 billion planned investments (of 441 SEAPs with information on planned cost/investment)
- 73 million MWh estimated annual energy saving in 2020:  
Equiv. 28 coal fired power plants (of 300MW)
- 23.7 million MWh planned annual energy generation in 2020  
(renewable energy, CHP, district heating ...)  
Equiv. of 7 coal fired power plants (of 300 MW)



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# What support for the Signatories?





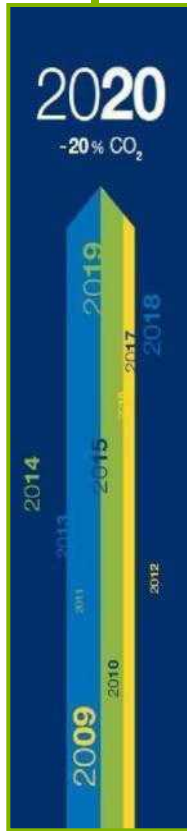
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# Covenant of Mayors Office



[www.eumayors.eu](http://www.eumayors.eu) (also in Polish)

- Covenant Helpdesk: [info@eumayors.eu](mailto:info@eumayors.eu)
- Supporting Structures: [support@eumayors.eu](mailto:support@eumayors.eu)



## Covenant Helpdesk:

- Covenant methodological Guidelines and tools for the development of BEI & SEAP

## Covenant Events:

- Thematic workshops
- Annual ceremonies



## Benchmark of excellence:

171 Benchmarks found.

2 Benchmarks found.

Signatories	Date	Language
Polish Network Energie Cités (PNEC), PL GOOD ENERGY Poster Exhibition	15 Dec 2011	en
Union of Baltic Cities, PL Good Practice Database	30 Aug 2010	en

# Financial support

## European funding mobilised

- ✓ ELENA+ (European Local ENergy Assistance facility)
- ✓ Smart cities & Communities
- ✓ Intelligent Energy – Europe
- ✓ EEE-F
- ✓ Structural funds/ERDF (incl. JESSICA)
- ✓ Life+, Interreg





Thank you for your attention!

Questions?  
[gabor.nagy@ec.europa.eu](mailto:gabor.nagy@ec.europa.eu)

# European Energy Efficiency Fund

EPPR amended regulation 2010

265 mn € (EC, EIB, CDP, DB), launched 1st July 2011

## **Objective:**

Addressing financial needs of commercially viable EE and RES projects

## **Scope:**

70% EE, 20% RES, 10% Clean Urban Transport

## **Final Beneficiaries:**

- Local/regional public authorities
- Tailor made financing: Senior/junior loans, convertible debt, equity participation, forfeiting loans
- Technical assistance (20M€ in grant)

# EEE-F Eligibility criteria

- At least 20% primary energy savings for EE projects, (higher for buildings)
- Min. 20% reduction of CO<sub>2</sub> equiv. for RE and transport
- Comply with EU legislation (RE directive, CHP...)
- Concrete objectives to mitigate climate change + multi-annual strategies
- Proven technologies
- Strong support for ESCOs providing guaranteed energy savings
- Projects eligible as from 01.01.2011
- Typical project size: up to €25 mn

# EEE F Technical Assistance (TA)

## Objective:

support project development services for technical and financial preparation of projects

TA of total of 20M€ (provided by the EC),

**Grant** (up to 90% of eligible costs)

Min. leverage factor of 20

Only for projects applying for funding to the EEE- F

Based on ELENA structure

# Role of the Fund in mobilising private finance

## ***EEE-F objective:***

*enhance viable EE and RES investments at local/regional level  
within multiannual strategies to mitigate CC*

- **Address market failures** (information/awareness,TA...)
- **Address lack of access to capital (specific financial products...)**

*Confidence building around EE investment,*

*Develop and spread ESCO/EPC models,*

*Offer innovative financing*

# Links & Contacts

EEE-F website: [www.eeef.eu](http://www.eeef.eu)

Contact point at Deutsche Bank:

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