



Covenant of Mayors

*The EU policy framework
involving cities to reach
EU energy and climate objectives*

Kristina DELY
Head of the Covenant of Mayors Office

29th November 2011, Hemicycle of the European Parliament



3rd Covenant Ceremony, Brussels



157 million
Citizens involved

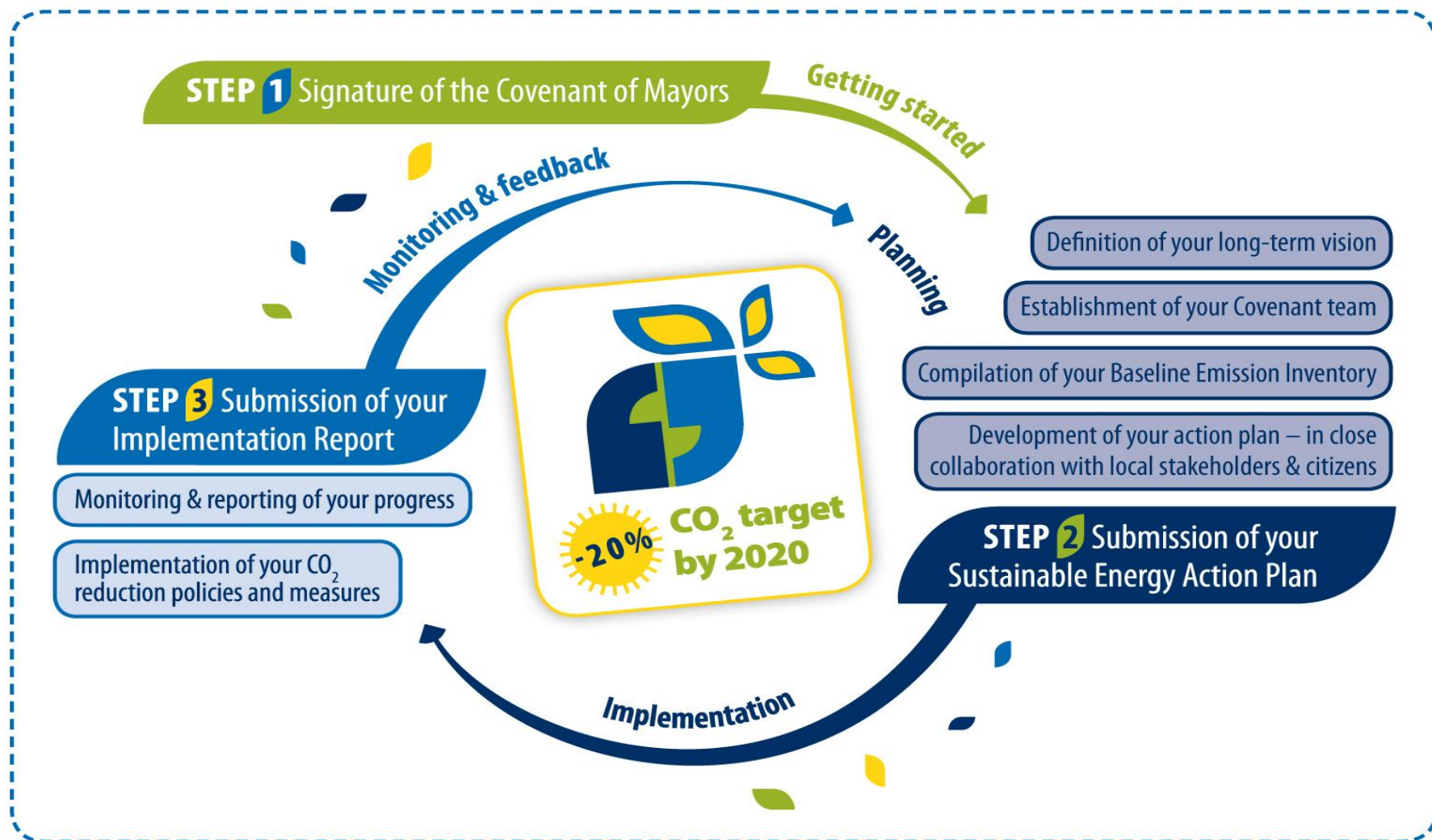
164

Regions, provinces and networks supporting

A map of Portugal is shown on the right side of the slide. It is covered with numerous blue dots, which represent the locations of the 164 regions, provinces, and networks mentioned in the text. The word 'Portugal' is visible on the map.



Towards -20% by 2020



Sustainable Energy Action Plans



The Sustainable Energy Action Plans (SEAPs) Catalogue of the Covenant of Mayors gathers all SEAPs submitted by the signatories and/or accepted by the European Commission.

All these SEAPs are ranked by date of formal approval. All actions undertaken by the signatories within the Covenant of Mayors framework are described in the following documents.

Search for a Sustainable Energy Action Plan... OK

Search for a Sustainable Energy Action Plan...

Countries CO2 target by 2020

Year SEAPs status

856 Sustainable Energy Action Plans found.

- ☒ Sustainable Energy Action Plan accepted
- ☒ Sustainable Energy Action Plan submitted

1 2 3 4 5 6 7 8 9 ... 17 18 Next »

Signatories	Council deliberation	CO ₂ target	Download
Alcaudete, ES	17 Jul 2011	34%	
Antwerp, BE	27 Jun 2011	20%	
Ameglia, IT	23 Jun 2011	21%	
Framura, IT	7 May 2011	53%	
Carro, IT	4 May 2011	21%	
Bonassola, IT	29 Apr 2011	20%	
Borghetto di Vara, IT	26 Apr 2011	20%	
Rocchetta di Vara, IT	23 Apr 2011	28%	
Carrodano, IT	20 Apr 2011	28%	
Callús, ES	14 Apr 2011	26%	
Levanto, IT	30 Mar 2011	36%	

Find a Signatory



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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-Drapetsona, Greece
Participation at the 2011 European Mobility Week

Covenant of Mayors Office

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

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B-1000 Bruxelles

Via e-mail Via phone



1 182

SEAPs submitted

142 million

tons of CO₂

mitigation potential

€40 billion

investments
planned ca.
in SEAPs

€1.9bn

investments
committed
via ELENA

The SEAP catalogue




Covenant of Mayors
 Committed to local sustainable energy

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Signatories

Växjö

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Action Plan in a Nutshell

Date of formal approval: 1 April 2008
 Overall CO₂ emissions reduction target: 65%

Sustainable Energy Action Plan Documents

Title	Size	Language
Sustainable Energy Action Plan (Final report of the Climate Commission)	408 Ko	en

Disclaimer: This action plan is subject to a verification by the European Commission. The verification process is explained [here](#). Highlights of the SEAP template will be published publicly once it is approved.

Key results of the Baseline Commission Inventory

Base year: 1993
 Final energy consumption per sector in 1993 (MWh)



Sector	Renewables	Fossil Fuels	Heat & Cold	Electricity
Buildings, equipment, facilities & industries	~100,000	~1,000,000	~500,000	~0
Transport	~0	~600,000	~0	~0
TOTAL	~100,000	~1,600,000	~500,000	~0

Find a Signatory



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the Covenant of Mayors text

Latest Action Plans

- Porto, Portugal**
 CO₂ emissions reduction target by 2020 = 45%
- Genova, Italy**
 CO₂ emissions reduction target by 2020 = 23%
- Vitoria - Gasteiz, Spain**
 CO₂ emissions reduction target by 2020 = 26%
- Nitra, Slovakia**
 CO₂ emissions reduction target by 2020 = 21%
- Växjö, Sweden**
 CO₂ emissions reduction target by 2020 = 65%

Latest Benchmarks

- Älmhults, Sweden**
 Energy savings in companies
- Älmhults, Sweden**



A sample of 996 SEAPs show:

- 71 500 000 inhabitants (46% of CoM population)
- 128 million tons CO2 reduction commitment (29,8 % average)
- 94 million MWh annual estimated energy saving in 2020
>>> *Eq. 36 coal fired power plants (of 300MW)*
- 35 million MWh annual estimated local energy generation
>>> *Eq. 14 coal fired power plants (of 300MW)*

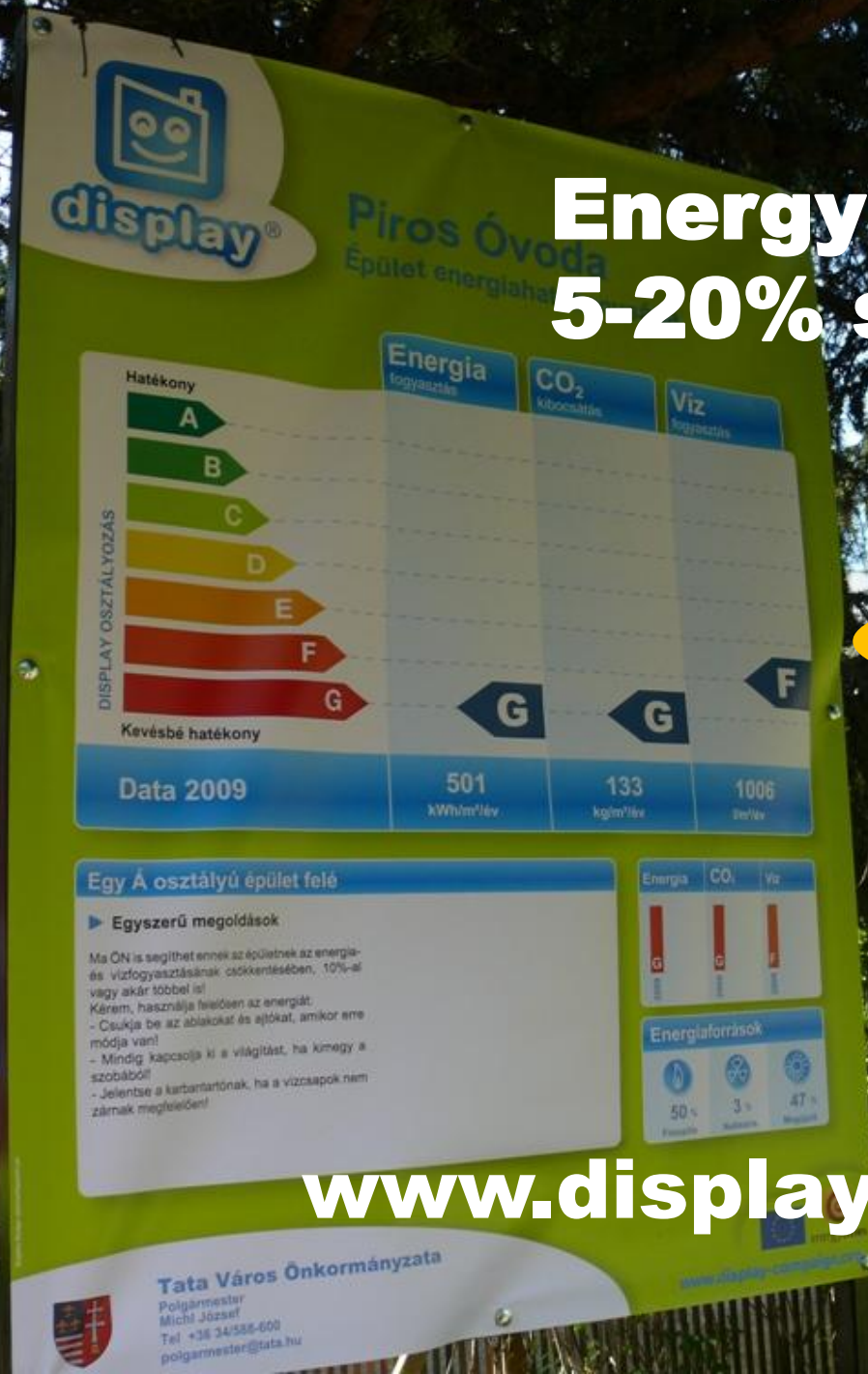


EE and RES in BUILDINGS: driving mitigation and local growth

- **39% of the total energy savings in buildings**
- **32% of the CO2 savings**
- **29% of the planned investments,**
- **38 % of all measures target buildings**
- **156 700 total jobs can be created / sustained until 2020
(through the 7 years)**

Energy monitoring 5-20% savings potential

Public buildings



www.display-campaign.org



Energy efficient refurbishment - up to 50-70% energy savings

500€ savings / flat / year (Brno)

**Residential
buildings**

**Brno, CZ
50 kWh/m²/yr**





Zero energy districts

90- >100% energy savings

**Tertiary and
residential**

**Energy-positive
buildings**



**Freiburg / Vauban:
10€ monthly heating cost**





Frankfurt





www.eumayors.eu

Thank you for your attention!

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