



Covenant of Mayors
for Climate & Energy



Covenant of Mayors EU

- Energy Poverty -

Miguel Morcillo - 09.10.2021



The Covenant of Mayors EU



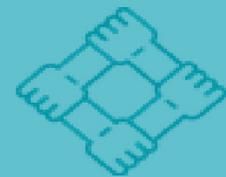
...brings together **local and regional authorities** that have voluntarily committed to implement **the EU's climate and energy goals** in their territory.

The CoM EU in numbers



10,000

Signatories



189

Supporters



202

Coordinators



27

Countries



225,641,735

Inhabitants



5,953

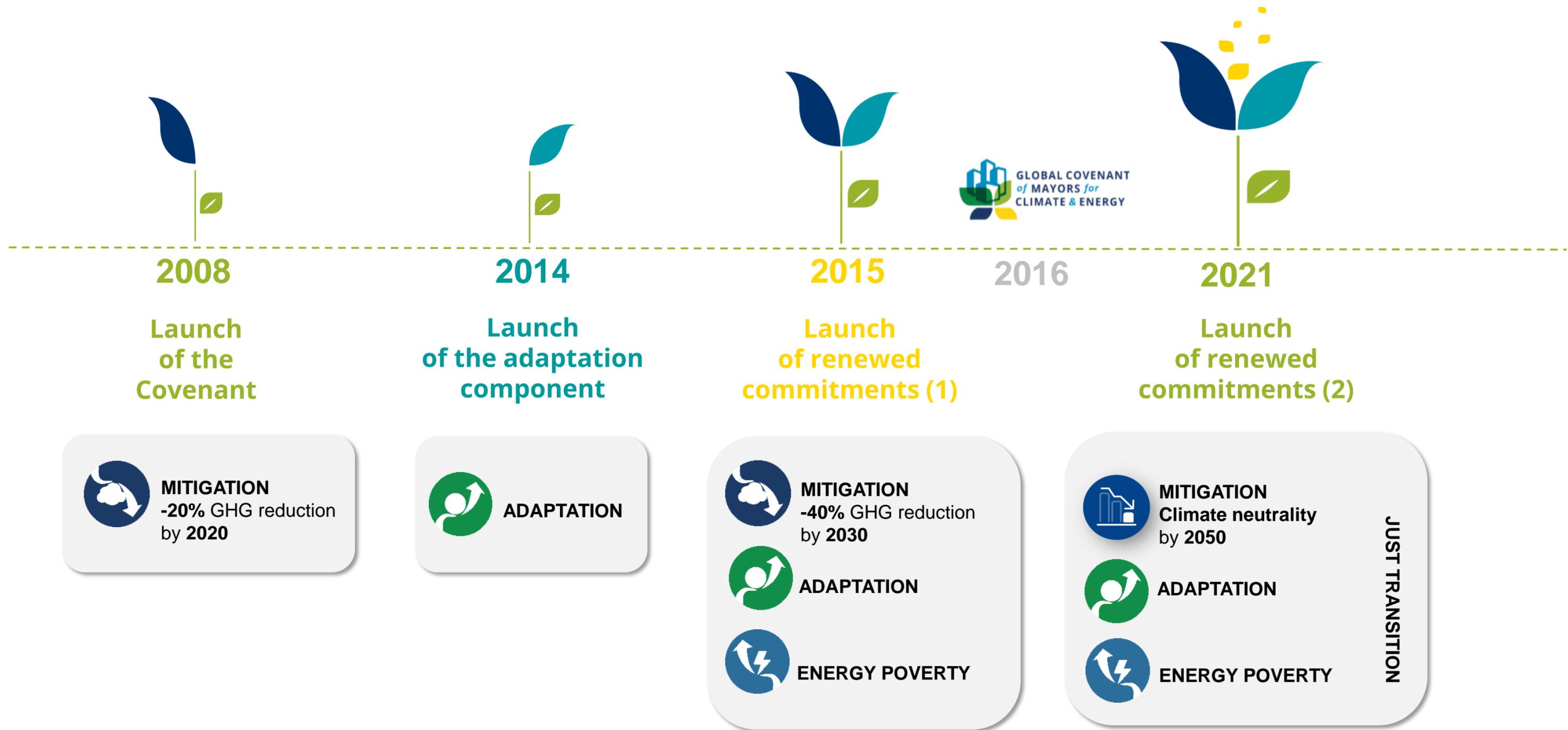
Submitted
action plans



2,452

Submitted
Monitoring
reports

Evolution the CoM



COM EU activities on Energy Poverty



- 2017: Definition the energy poverty for the CoM EU
- 2018: Collaboration with the Energy Poverty Observatory and exchange with cities and regions
- 2019: Organisation of the first expert workshop
- 2021: Together work with the Energy Poverty Advisory Hub and the Joint Research Centre (EU Commission) on the development of a set on indicators and an assessment tool to monitor the local improvement on energy poverty

Defining Energy Poverty



“a situation where a household or an individual is **unable to afford basic energy services** (heating, cooling, lighting, mobility and power) **to guarantee a decent standard of living** due to a combination of low income, high energy expenditure and low energy efficiency of their homes”.

European Commission, Citizens' Energy Forum 2016

COM EU energy poverty set o indicators



- We described a list of around **60 indicators** divided in the categories, **Climate, Socio-economic, Facilities /Housing, Mobility, Policy and Regulatory Framework, and Participation / Awareness-raising** to facilitate the work on energy poverty, offering a starting point for municipalities on the topic

COM EU energy poverty set o indicators



	Monitoring indicator	Households not connected to the electricity grid
		Housholds not connect to the gas grid
	Related indicator	Households with centralised cooling system/total households
	Related indicator	Households with centralised cooling system older than 10 y /total households with cooling system
	Related indicator	Average age of the buildings
	Related indicator	Dwelling ownership
	Related indicator	Over and under occupation of dwellings
Mobility	Monitoring indicator	Population not having access to essential services within 1 h by walking, cycling or public transport / total population
	Secondary indicator	Social housing apartments not having easy access to public transport (*)/ all social housing apartments
	Monitoring indicator	People living more than one 1 km from nearest public transport station / number of population
	Related indicator	Inhabitants receiving support to pay public transport services/public transport users
	Related indicator	Inhabitants receiving support to pay public transport services/tot inhabitants

Assessment and Monitoring tool



- Using the “monitoring indicators” municipalities can measure the development of specific energy poverty related topics
- The “monitoring indicators” can be used as “local targets” to monitor the improvement of the energy poverty situation at the local level

Assessment and monitoring tool



Energy Poverty Assessment & Monitoring

① Self-assessment at planning year
② Anticipated self-assessment at target year

Macro-areas	Elements	Used indicator(s)	Unit	Base Year	Current level	target level
Climate	Heat and cold	Frequency of heat/cold waves	Average per month/year		[Drop-down]	[Drop-down]
		Number of heating and cooling degree days per year	HDD + CDD / year		[Drop-down]	[Drop-down]
Macro-areas	Elements	Used indicator(s)	Unit		Current level	target level change
Facilities	Housing	F+G+H band (EPC) dwelling/total number of dwelling	%		20-30	20-30
		Energy consumption (electricity + heating) per capita / national energy consumption (electricity + heating) per capita	%		20-30	0-10
		Buildings renovations older than 30 years / total buildings	%		10-20	[Drop-down]
		Share of households or population with presence of leak, damp, rot in their dwelling / total households or population	%		[Drop-down]	[Drop-down]
		Percentage of households or persons within the municipality experiencing heating or cooling discomfort / total households or population	%		[Drop-down]	[Drop-down]
	Public transport	Households connected to the electricity and gas grid / total households	%		[Drop-down]	[Drop-down]
		Population not having access to essential services within 1 h by walking, cycling or public transport / total population	%		[Drop-down]	[Drop-down]
		People living more than one km from nearest public transport station / number of population	%		[Drop-down]	[Drop-down]
Socio - economic		Percentage of populaton / households spending up to XX % on energy services	%		[Drop-down]	[Drop-down]
		Vulnerable households / total households	%			
		Arrears on utility bills / total population	%		[Drop-down]	[Drop-down]
		Energy related expenditure / local GDP	%		[Drop-down]	[Drop-down]
Framework elements		Existence of energy poverty strategy / specific measures related energy poverty	Yes/No		[Drop-down]	[Drop-down]
		Existing rent regulation	Yes/No		[Drop-down]	[Drop-down]
		Awareness-raising campaigns targeting targeting vulnerable households	Yes/No		[Drop-down]	[Drop-down]
		Engagement and cooperation with stakeholder	Yes/No		[Drop-down]	[Drop-down]

Further steps



- The final draft the Energy Poverty proposal is going to be share with the practitioners group in the next days
- The comments and proposals the practitioner group are going to be include in the proposal and discussed at the end of October
- The energy poverty proposal is going to be implemented in the website the CoM EU (IT development) between November and December

Step up your energy and climate actions!



Join the Covenant or renew your Covenant commitments

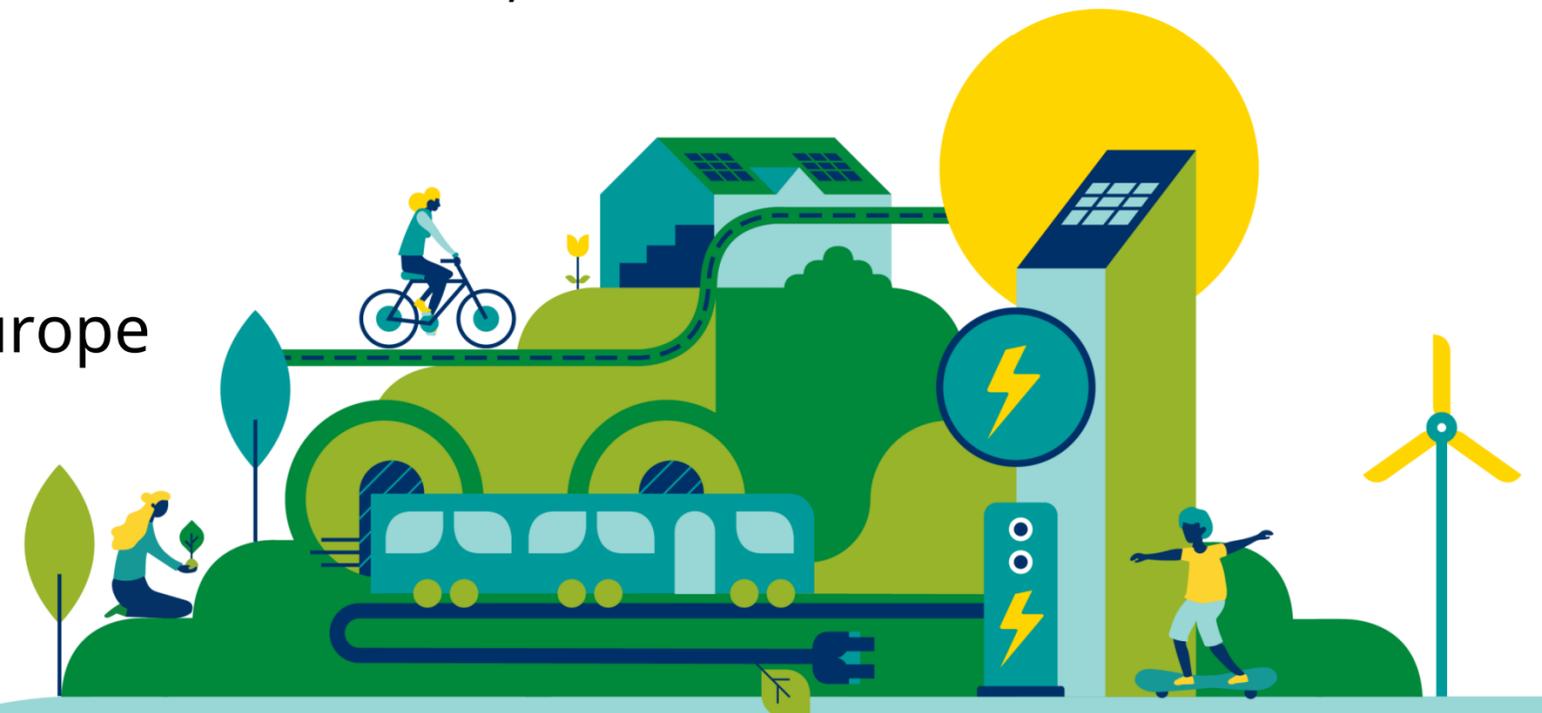
The CoM EU ceremony is going to be held at the 7th of October,

[See the programme](#)

[Register here!](#)

complemented by satellite events all around Europe

Stay tuned on eumayors.eu!



For a fairer, climate-neutral Europe