


# BARI SMART CITY CONFERENCE

**11 Maggio 2022**  
**Politecnico di Bari**

**12 Maggio 2022**  
**Fiera del Levante Bari**

Evento organizzato da



In collaborazione con



Partner



# LA PIANIFICAZIONE STRATEGICA LOCALE CON RIFERIMENTO AL SUD D'ITALIA

## Il patto per l'energia e il clima dei Comuni Italiani

*Benedetta Brighenti, Presidente Agenzia per l'Energia e lo Sviluppo Sostenibile*

# Agenzia per l'Energia e lo Sviluppo Sostenibile



Associazione no-profit legalmente riconosciuta che opera per lo sviluppo energetico sostenibile del nostro territorio

Nata nel 1999 con il supporto del programma europeo SAVE II

Contiamo sul sostegno di 141 Soci Pubblici

Siamo Centro per l'innovazione e il Trasferimento Tecnologico della Regione Emilia-Romagna e soci dei Clust-ER Edilizia ed Energia

**CLUST-ER  
GREENTECH**  
ENERGIA E SOSTENIBILITÀ

**CLUST-ER  
BUILD**  
EDILIZIA E COSTRUZIONI

Partner e collaborazioni:





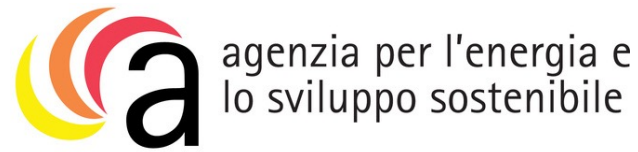
# ENTI ASSOCIATI



- Emilia Romagna
- Toscana
- Lombardia
- Veneto
- Marche
- Lazio
- Campania
- Puglia
- Sicilia



Rete Nazionale delle Agenzie Energetiche Locali





# SITUAZIONE ATTUALE

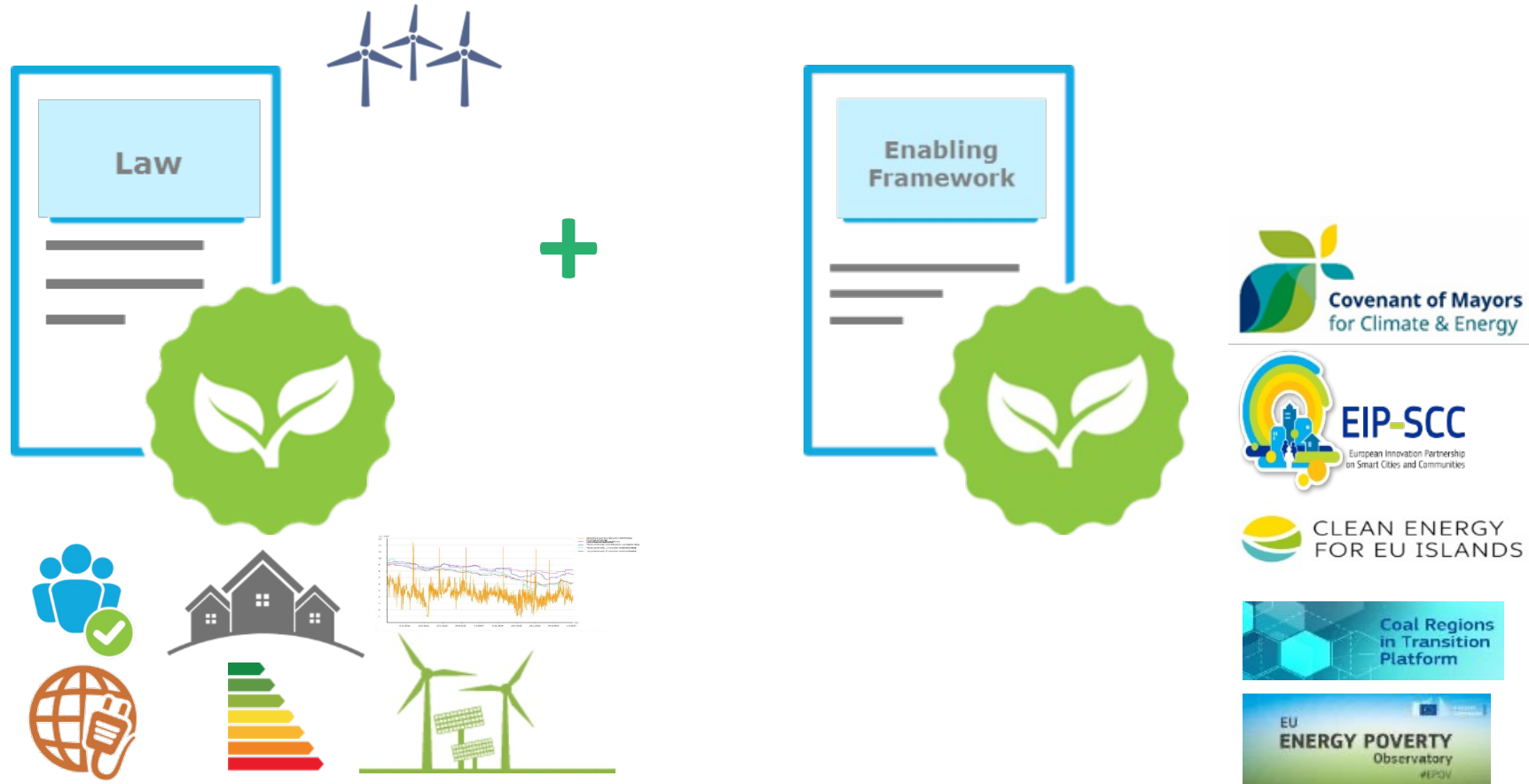
Ad oggi possiamo immettere in atmosfera  
ancora 700 miliardi di tonnellate di CO<sub>2</sub>.

Attualmente ne immettiamo 42 miliardi all'anno  
di cui 33 miliardi sono legati ai temi energetici.

**Fra quanti anni arriveremo al punto di non ritorno?**



# STRATEGIA TOP DOWN + BOTTOM UP



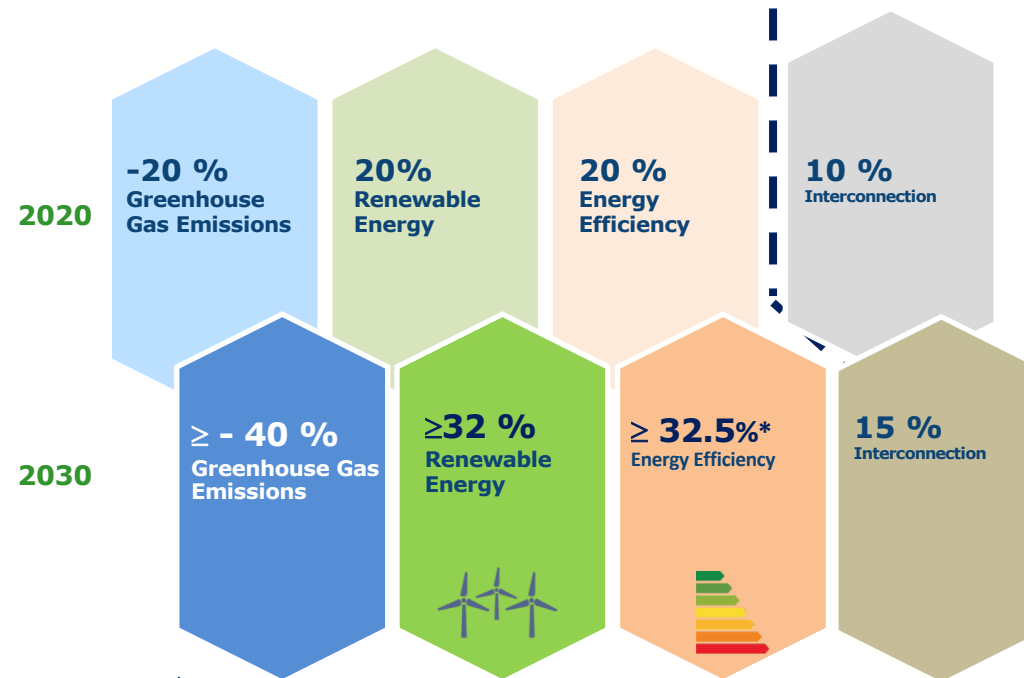
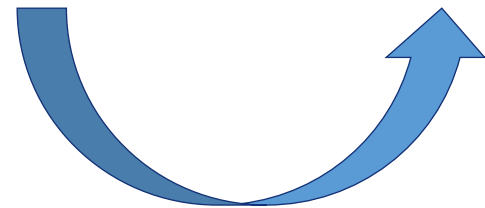


# DAGLI ACCORDI DI PARIGI AL EU GREEN DEAL

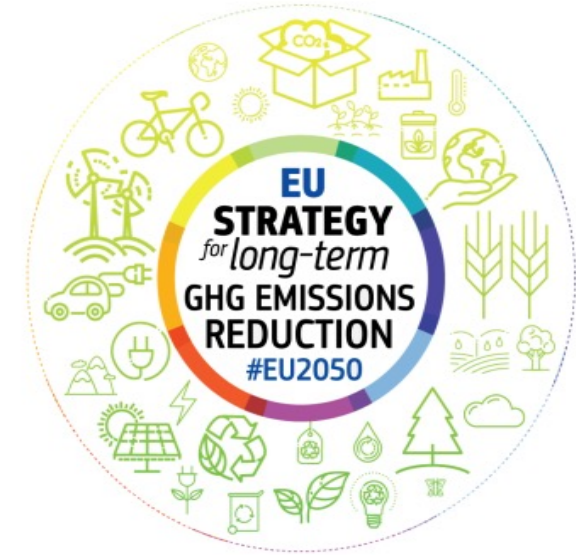
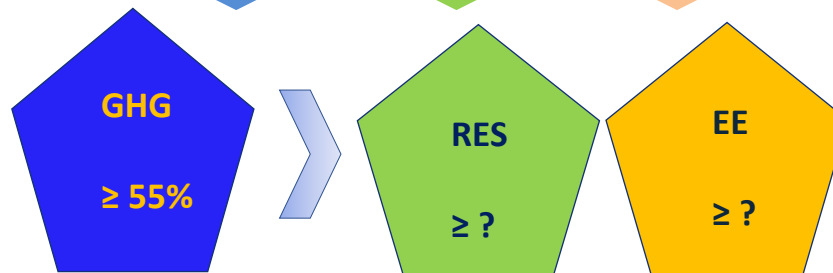
## EU NDC - obiettivi 2030



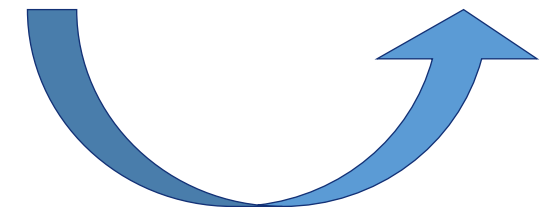
Accordi di Parigi



2030 Green Deal:



Verso la neutralità climatica





Brussels,  
emer.b.1(2021)3399030

Dear Mayors,

This year marks the 13<sup>th</sup> anniversary of the Covenant of Mayors for Climate and Energy, an initiative the European Commission is proud to support since its inception. Over the years, thanks to your engagement, your ambition and your vision, the Covenant of Mayors has become the world's largest movement of municipalities committed to deliver on the energy transition and act against climate change. For that, I want to thank you. Even in these difficult times, you have lead and continue leading European municipalities towards a better and greener future. I am reaching out to you at a decisive moment. The EU has embarked on a journey to become the world's first climate neutral bloc, by 2050. This commitment is part of the European Green Deal, an all-encompassing strategy by which we will reduce our emissions by at least 55% by 2030 and accelerate the energy transition, building back a greener and more resilient economy after the shock of the 2020-2021 pandemic.

The accomplishments of the Covenant of Mayors reflect your tireless endeavour in making our cities, towns and villages more sustainable and more liveable, and will be critical to our collective success. You are the ones driving change at the local level, all across Europe, translating European objectives and policies into local action, which directly benefits our citizens and inspires the rest of the world, now gathered in a Global Covenant of Mayors for Climate and Energy.

On 14 July 2021, the European Commission introduced the most ambitious legislative package in the world to deliver on the European Green Deal, with updates foreseen on all major pieces of our energy and climate legislation, and new instruments to be created to ensure that no one is left behind in the transition. To achieve these goals, we need your help. Energy and climate targets must translate into concrete actions on the ground, for which you play an essential role. We will need your assistance in carrying out the Renovation Wave and protecting vulnerable citizens from energy poverty, ensuring a just transition to a cleaner, greener society. This is why we launch a new chapter of the Covenant of Mayors, stepping up our common ambition in line with the European Green Deal.

EU support to local action on sustainability is of course not limited to the Covenant of Mayors. Under the New European Bauhaus, you can combine sustainable and aesthetic solutions to improve the living environment of your citizens. Within the Mission on Climate-Neutral and Smart Cities initiative, we aim to reach 100 climate-neutral cities

by 2030. Instruments at your disposal stimulate local action, which will be promoted under the Climate Pact as an EU-wide movement inviting people, communities and organisations to participate in climate action and to build a greener Europe. You can also help us achieve climate resilience by implementing the new EU Adaptation Strategy on the ground. In that respect, we will pilot a new technical assistance support facility through the Covenant of Mayors to assist local authorities to help develop and implement adaptation strategies and plans.

The new Covenant of Mayors will be firmly connected to all these other initiatives, to allow you to enjoy their many complementary benefits. We can only achieve what we need to achieve if we act together, in solidarity. This is the European spirit. So, whether you are a long-standing member, a newcomer, or simply considering signing up to the Covenant of Mayors, I would like to invite you to join us to build an ever more ambitious and inclusive movement. Every effort counts in implementing the European Green Deal. Regardless of the size and capacity of your city, town or village, regardless of where in Europe you are located: you have a key role to play.

The future is built now and it is in our hands.

Yours sincerely,

Ursula von der Leyen



”

“Lo European Green Deal é la  
nostra nuova **strategia di  
crescita.**  
Ci aiuterá a ridurre le  
emissioni creando nuovi posti  
di lavoro.”

Ursula von der Leyen, President of the  
European Commission

#EUGreenDeal

**POLITICHE TOP DOWN**

DATA	PROVVEDIMENTO
11 DICEMBRE 2019	Presentazione del <a href="#">Green Deal europeo</a>
14 GENNAIO 2020	Presentazione del <a href="#">piano di investimenti del Green Deal europeo</a> e del <a href="#">meccanismo per una transizione giusta</a> /info/strategy/priorities-2019-2024/european-green-deal/finance-and-green-deal/just-transition-mechanism_it
4 MARZO 2020	Proposta per una <a href="#">legge europea sul clima</a> al fine di garantire un'Unione europea a impatto climatico zero entro il 2050 Consultazione pubblica (aperta fino al 17 giugno 2020) sul <a href="#">patto europeo per il clima</a> , che riunisce le regioni, le comunità locali, la società civile, le imprese e le scuole
10 MARZO 2020	Adozione della <a href="#">strategia industriale europea</a> , un piano per un'economia pronta per il futuro
11 MARZO 2020	Proposta di un <a href="#">piano d'azione per l'economia circolare</a> incentrato sull'uso sostenibile delle risorse
20 MAGGIO 2020	Presentazione della <a href="#">strategia dell'UE sulla biodiversità per il 2030</a> per proteggere le risorse naturali fragili del nostro pianeta Presentazione della strategia " <a href="#">Dal produttore al consumatore</a> " per rendere i sistemi alimentari più sostenibili

DATA	PROVVEDIMENTO
8 LUGLIO 2020	Adozione delle <a href="#">strategie dell'UE per l'integrazione dei sistemi energetici e per l'idrogeno</a> per preparare la strada verso un settore energetico pienamente decarbonizzato, più efficiente e interconnesso
17 SETTEMBRE 2020	Presentazione del <a href="#">piano degli obiettivi climatici 2030</a>
19 NOVEMBRE 2020	<a href="#">Energie rinnovabili offshore</a>
9 DICEMBRE 2020	<a href="#">Patto europeo per il clima</a>
10 DICEMBRE 2020	<a href="#">European Battery Alliance</a>
18 GENNAIO 2021	<a href="#">Nuovo Bauhaus europeo</a>
24 FEBBRAIO 2021	<a href="#">Nuova strategia dell'UE di adattamento ai cambiamenti climatici</a>
25 MARZO 2021	<a href="#">Piano d'azione per l'agricoltura biologica</a>
12 MAGGIO 2021	<a href="#">Piano d'azione "Azzerare l'inquinamento atmosferico, idrico e del suolo"</a>
17 MAGGIO 2021	<a href="#">Economia blu sostenibile</a>
14 LUGLIO 2021	<a href="#">Realizzare il Green Deal europeo</a>
15 SETTEMBRE 2021	<a href="#">Nuovo Bauhaus europeo: nuove azioni e finanziamenti</a>
17 NOVEMBRE 2021	<a href="#">Proposte per fermare la deforestazione, innovare la gestione sostenibile dei rifiuti e rendere i suoli sani</a>

DATA	PROVVEDIMENTO
14 DICEMBRE 2021	Nuove <a href="#">proposte</a> in materia di trasporti per una maggiore efficienza e spostamenti più sostenibili
15 DICEMBRE 2021	<a href="#">Proposte</a> della Commissione per rimuovere, riciclare e stoccare il carbonio in modo sostenibile
15 DICEMBRE 2021	<a href="#">Proposta</a> di un nuovo quadro dell'UE per decarbonizzare i mercati del gas, promuovere l'idrogeno e ridurre le emissioni di metano
8 MARZO 2022	<a href="#">REPowerEU</a> : azione europea comune per un'energia più sicura, più sostenibile e a prezzi più accessibili
23 MARZO 2022	<a href="#">Opzioni</a> per attenuare i prezzi elevati dell'energia mediante acquisti comuni di gas e obblighi minimi di stoccaggio
30 MARZO 2022	<a href="#">Proposte</a> per rendere i prodotti sostenibili la norma nell'UE, promuovere modelli commerciali circolari e responsabilizzare i consumatori nella transizione verde
5 APRILE 2022	<a href="#">Proposte</a> volte a modernizzare le norme dell'UE sulle emissioni industriali per guidare le grandi industrie nella transizione verde a lungo termine



EUROPEAN UNION

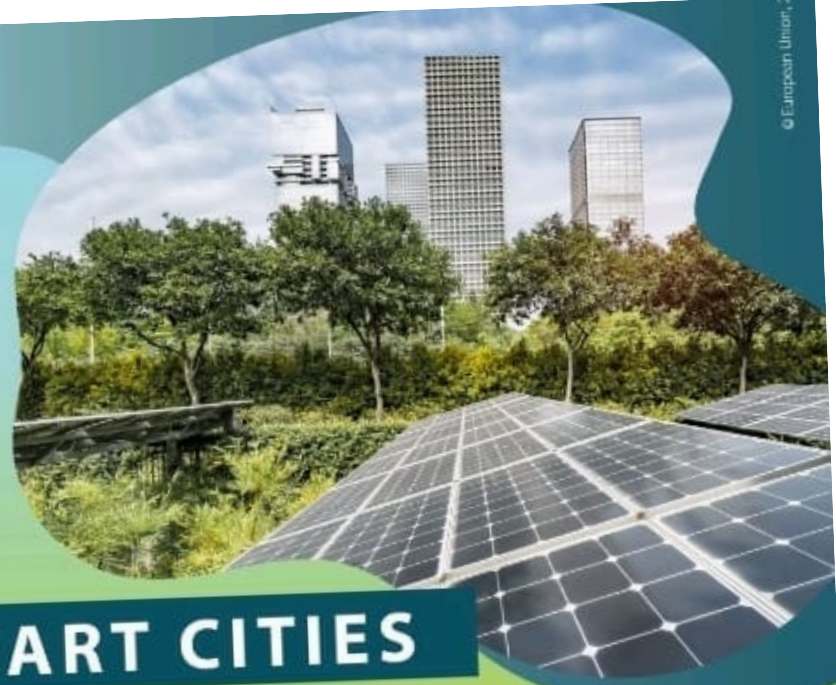


# EU MISSIONS

**CLIMATE-NEUTRAL & SMART CITIES**

**Concrete solutions for our greatest challenges**

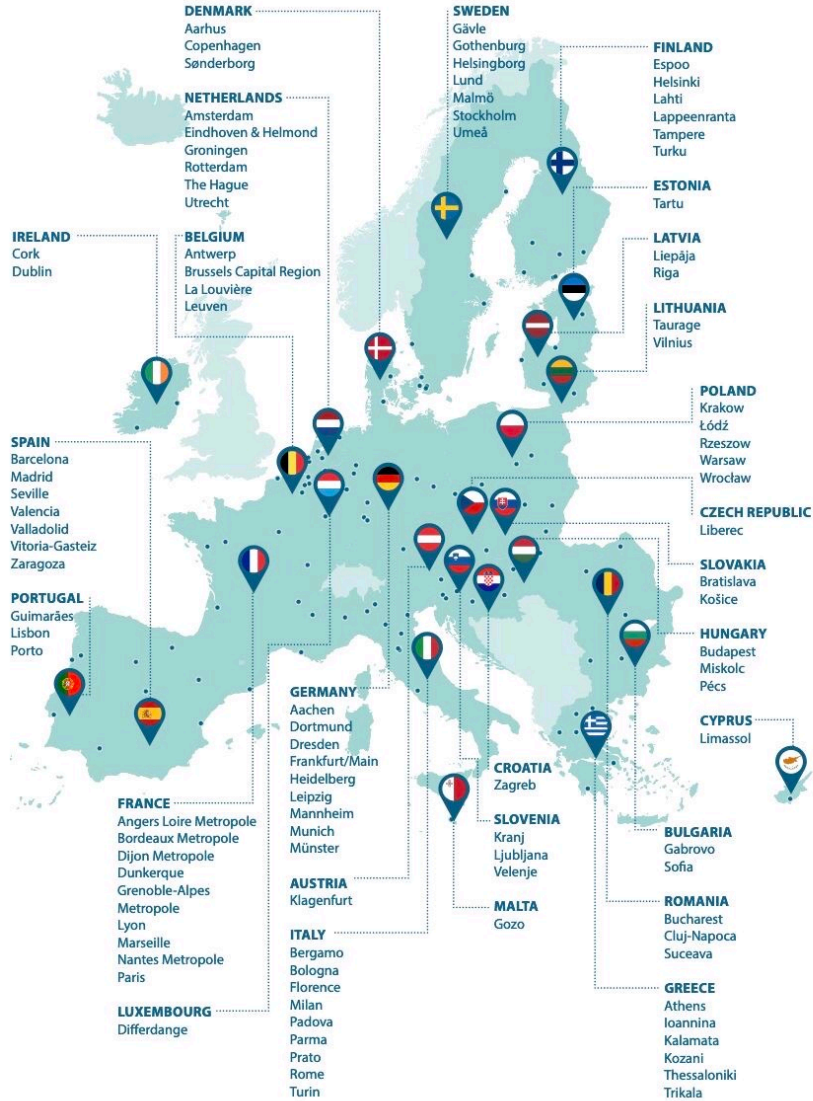
#EUmissions #HorizonEU #MissionCities



© European Union

**POLITICHE BOTTON UP**

EU CITIES



# 100 CARBON NEUTRAL CITY



# EVOLUZIONE DEL PATTO DEI SINDACI



# PERCHE' E' IMPORTANTE IL PAESC OGGI?



# PATTO DEI SINDACI

## THE EUROPEAN COVENANT OF MAYORS COMMUNITY

### AMBITIOUS CITIES



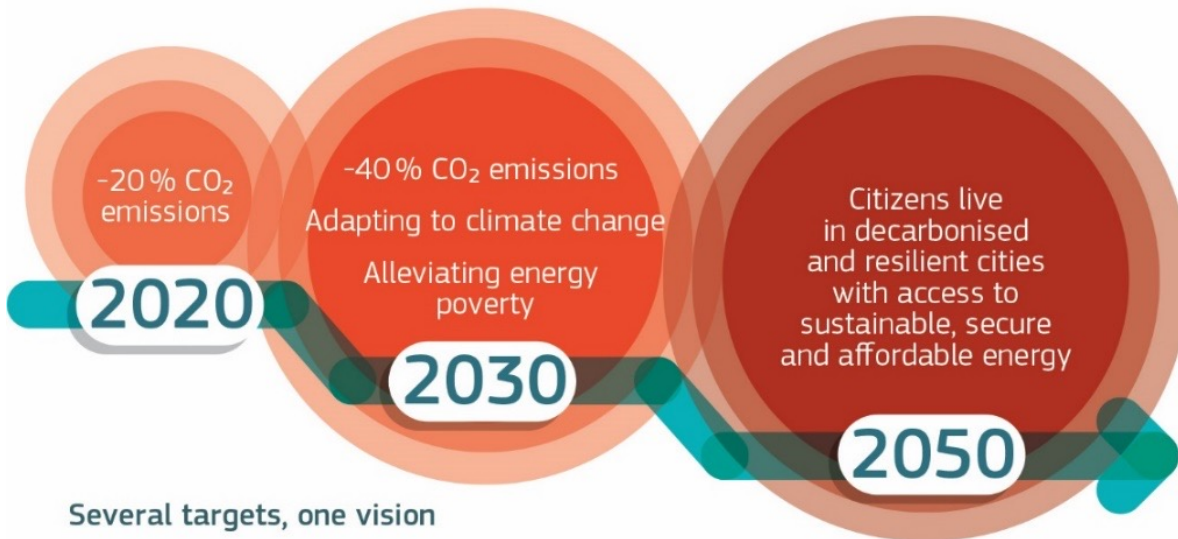
**10000+**

European cities committed



**233+**

million inhabitants covered = almost half of the EU population



### Munster, Germany:

Aims at 100% renewables, 100% electro-mobility from renewables & tripling buildings renovation rate by 2050



## 6200+ PIANI AZIONE (PAESC)

## Riferimento al Patto nel Piano Nazionale Intergrato Energia & Clima in Italia

(Grazie ANCI, ENEA, B. Brighenti, Covenant)

# I NUMERI A LIVELLO EUROPEO

L'impatto dell'iniziativa a livello generale oggi

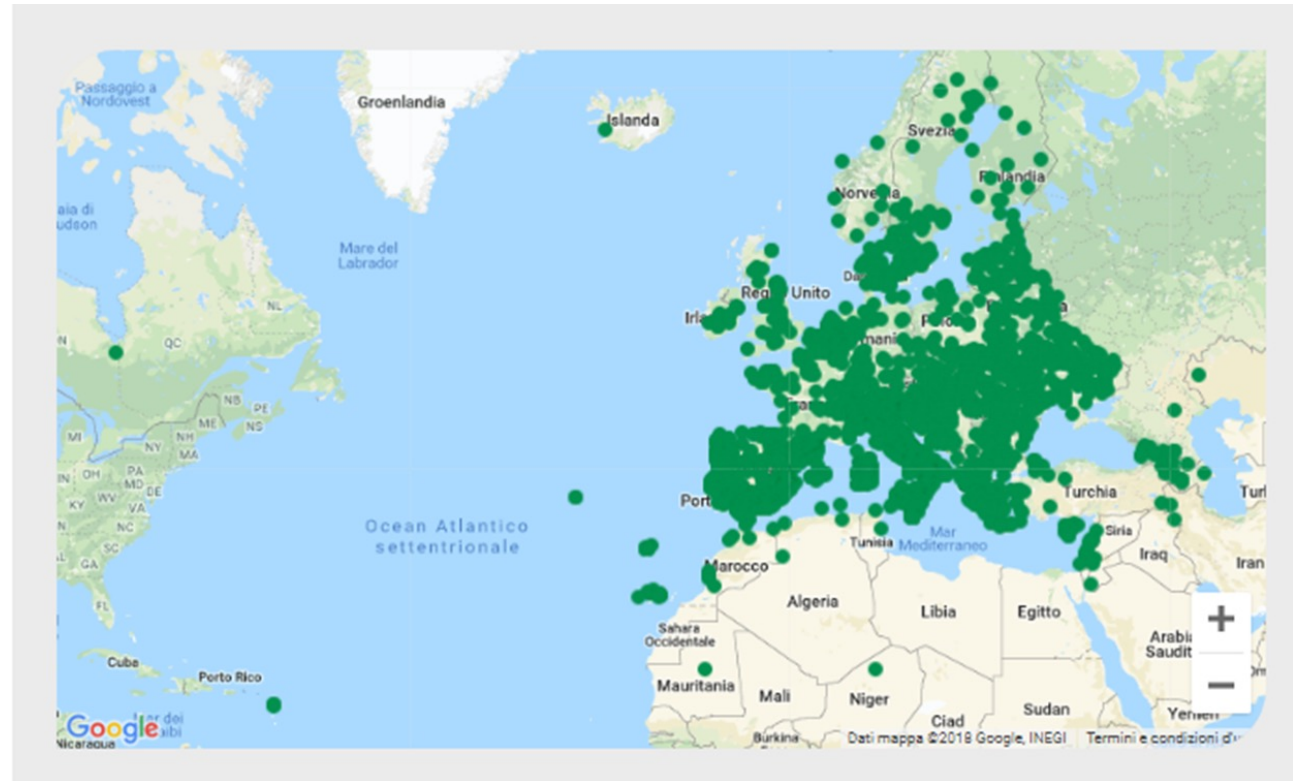
Covenant community

EUROPA



Covenant community

ITALIA






# IMPEGNI E VISIONE DEI FIRMATARI




Lavorare insieme a una visione condivisa per il 2050




## Raggiungere e superare gli obiettivi UE 2030 per il clima e l'energia

-  Riduzione minima del **40%** delle emissioni di CO<sub>2</sub> (e possibilmente degli altri gas climalteranti) entro il 2030 attraverso l'incremento delle misure di efficienza energetica e un maggiore uso delle fonti di energia rinnovabile
-  Rafforzamento della capacità di **adattamento** ai cambiamenti climatici
-  Aumento della cooperazione con le autorità locali e regionali nel contesto UE e oltre, per migliorare l'**accesso a un'energia sicura, sostenibile e alla portata di tutti**



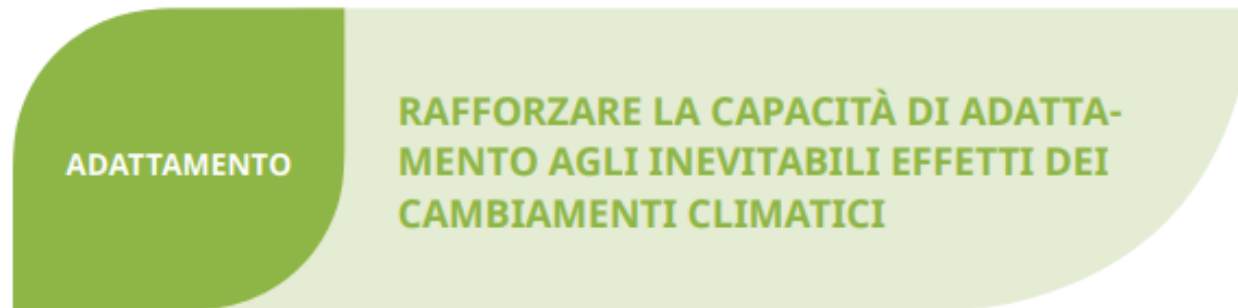
Offrire ai cittadini un'alta qualità della vita in città vitali, sostenibili, e resistenti ai cambiamenti climatici.



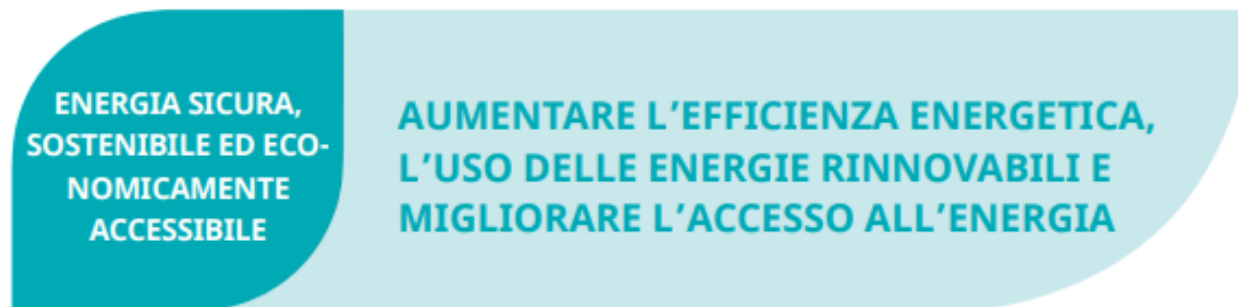
## LA VISIONE DEI FIRMATARI DEL PATTO DEI SINDACI PER IL 2050



RIDUZIONE DELLE EMISSIONI



AZIONI DI CONTRASTO AGLI EFFETTI NEGATIVI DEI CAMBIAMENTI CLIMATICI GIA' IN ATTO



POVERTA' ENERGETICA

# IMPEGNI E VISIONE DEI FIRMATARI

Board of the Covenant of Mayors – Europe  
30 March 2022

**To RePowerEU: RePurpose Public action, ReDirect EU Funds  
and ReOrganise governance**

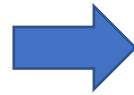
**Covenant of Mayors' proposals to get Europe on a firm ground towards peace and climate  
neutrality – We cannot afford to only optimise “business as usual”**

Dear First Executive Vice-President, Dear Frans Timmermans,

Since we last met at the end of January, Europe has been facing the unthinkable. We, Mayors, are your allies in standing for peace and for a sustainable future for all Europeans. The Covenant of Mayors is a wide community with strong roots in Ukraine and in other countries of the Eastern partnership. For years, we have been working together, committed to the same vision of prosperity for all within planetary boundaries, following the path set by the Paris Agreement. Building these links between cities and sharing the same values and objectives is what constitutes the essence of the European project.

The latest IPCC report has made it crystal clear not only that there is an emergency to take climate action, but also that the absolute challenge to adapt to climate change is to ensure social justice. Our European treasure is our social system that helps reducing inequalities between people, between regions. This is the best tool to achieve the transition and cities and towns are Europe's everyday laboratories to experiment inclusive ways to reach climate neutrality by mid-century.

**As the current humanitarian crisis recalls, links between people, between cities are the strongest assets we have, and we believe it would deserve the necessary support to build on bolder communities.** As agreed during our last meeting, we have listed a set of key EU reform proposals which we are honoured to hereby share with you and that we will invite the community of Signatories to endorse.

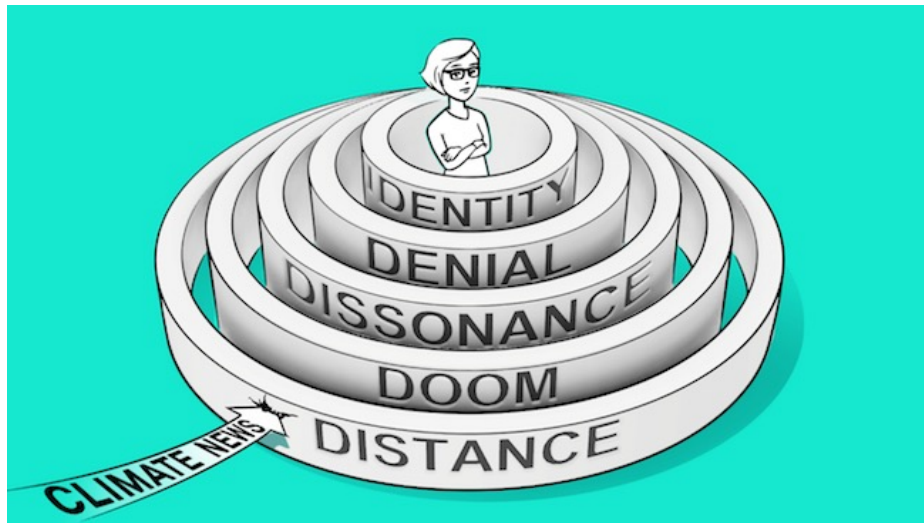


1. SUPPORT US
2. PROVIDE CITIES WITH FINANCIAL AND COMMUNICATION MEANS
3. HOW TO RETHINK OUR WAY OF CONSUMING ENERGY
4. REDIRECT UNUSED EU RECOVERY FUNDS
5. USE THE TECHNICAL SUPPORT INSTRUMENT LINKED TO THE RECOVERY FACILITY TO THIS EMERGENCY QUESTION
6. OPEN TO REVISION THE REGULATION ON THE GOVERNANCE OF ENERGY UNION
7. ENSURE THAT EU ENERGY AND CLIMATE POLICY RESPECT «DO NOT HARM COHESION» PRINCIPLE
8. DEVELOP AN «ATTRACTIVITY PLAN»
9. PROPOSE TO THE MEMBER STATES A GUIDE BOOK OF STRUCTURING PROGRAMMES
10. CHANGE THE EUROPEAN STABILITY AND GROWTH PACT
11. CHANGE THE APPROACH TO SOCIAL INVESTMENT
12. REDIRECT THE SOCIAL CLIMATE FUND AS A FUND FOR LOCAL TRANSITION
13. ASSESS THE IMPACT ON SOCIAL AND TERRITORIAL COHESION OF DIFFERENT EU FUNDING PROGRAMMES
14. INVOLVE THE CULTURAL AND EDUCATION POLICIES INTO ENERGY AND CLIMATE LITERACY PROGRAMMES

# CAMBIAMENTO DI COMPORTAMENTI, COMUNICAZIONE



PATTO DEI SINDACI



## NEW CLIMATE SOLUTIONS: FIVE SIMPLE & SHAREABLE STRATEGIES

<p><b>SOCIAL:</b> USE THE POWER OF SOCIAL NETWORKS.</p> <p>* SHOW PEOPLE'S FACES</p> <p>* SITUATE THE NEWS WHERE PEOPLE LIVE THEIR LIVES</p>	<p><b>SIMPLE:</b> MAKE CLIMATE-FRIENDLY BEHAVIORS EASY AND CONVENIENT.</p>
<p><b>SUPPORTIVE:</b> USE POSITIVE FRAMINGS TO SUPPORT THE MESSAGE AND DISCUSSION.</p> <p>"HEALTH"</p> <p>"OPPORTUNITY"</p> <p>"CLIMATE INSURANCE"</p>	<p><b>STORY-BASED:</b> USE THE POWER OF STORIES TO CREATE MEANING AND COMMUNITY.</p> <p>"GREEN GROWTH IS SMART"</p>
<p><b>SIGNALS:</b> USE EVERYDAY INDICATORS FOR FEEDBACK ON SOCIETAL + PERSONAL PROGRESS.</p>	

EXCERPTED FROM PART II IN: WHAT WE THINK ABOUT WHEN WE TRY NOT TO THINK ABOUT GLOBAL WARMING. BY PER ESPEN STOKNES, CHELSEA GREEN PUBLISHING, SPRING 2015  
ART © IDNA FOX.





**GRAZIE!**

**Benedetta Brighenti**

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