



The Global Covenant of Mayors for Climate and Energy



GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY

**Bloomberg
Philanthropies**



Co-funded by
the European Union



Asih Budiati

Team Leader GCoM Asia Project

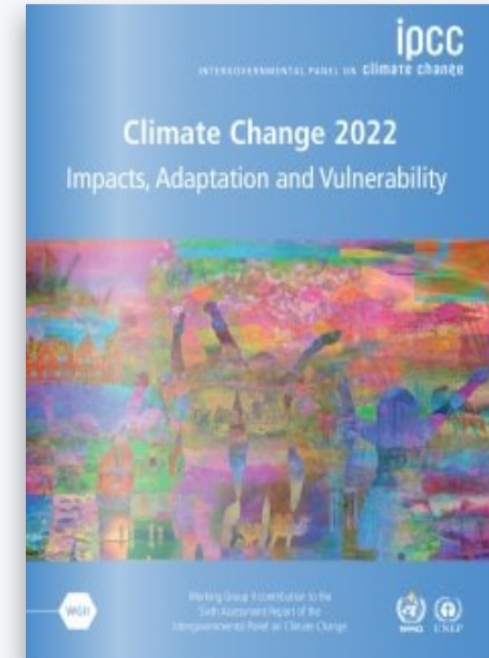




Report

The IPCC has finalized the second part of the Sixth Assessment Report, *Climate Change 2022: Impacts, Adaptation and Vulnerability*, the Working Group II contribution to the Sixth Assessment Report. It was finalized on 27 February 2022 during the [12th Session of Working Group II](#) and [55th Session of the IPCC](#).

[Read the report here](#)



Headline Statement B1:

*Human-induced climate change, including more frequent and intense extreme events, has caused widespread adverse impacts and related losses and damages to nature and people, beyond natural climate variability. Some development and adaptation efforts have reduced vulnerability. Across sectors and regions the most vulnerable people and systems are observed to be disproportionately affected. **The rise in weather and climate extremes has led to some irreversible impacts as natural and human systems are pushed beyond their ability to adapt.***

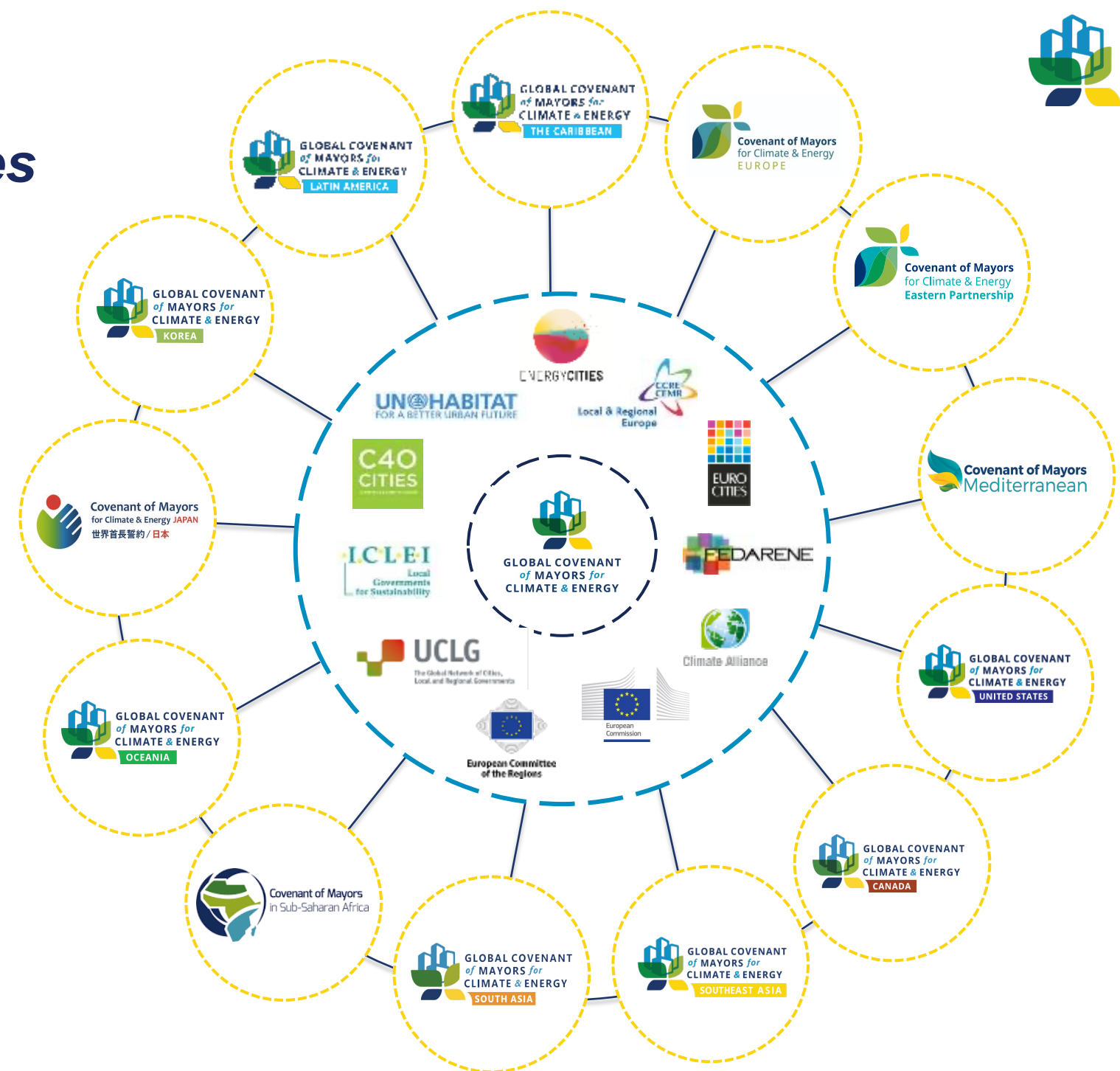
Approximately 3.3 to 3.6 billion people live in contexts that are highly vulnerable to climate change

12,600+ Cities, One Voice



Mayors4Climate

An Interconnected Global Alliance of Partners & Cities



12,600+

Global cities and local governments

13 Regional/National Covenants of Mayors established worldwide.

14 Helpdesks providing targeted support to signatory cities.



Governance: The GCoM Board



BILL PEDUTO
Mayor of Pittsburgh, PA, USA



ANNE HIDALGO
Mayor of Paris, France



ECKART WÜRZNER
Mayor of Heidelberg, Germany



MOHAMED SEFIANI
Mayor of Chefchaouen, Morocco



BERNADINE ROSE SENANAYAKE
Mayor of Colombo, Sri Lanka



ABIGAIL BINAY
Mayor of Makati, Philippines



JORGE MUÑOZ WELLS
Mayor of Lima, Peru



MOHAMMED ADJEI SOWAH
Mayor of Accra, Ghana



ANNA REYNOLDS
Lord Mayor of Hobart, Australia



Michael
BLOOMBERG



Frans
TIMMERMANS

CO-CHAIRS

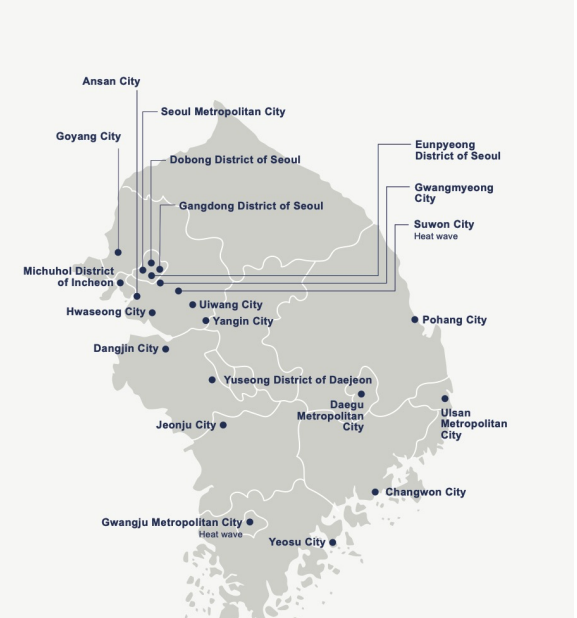
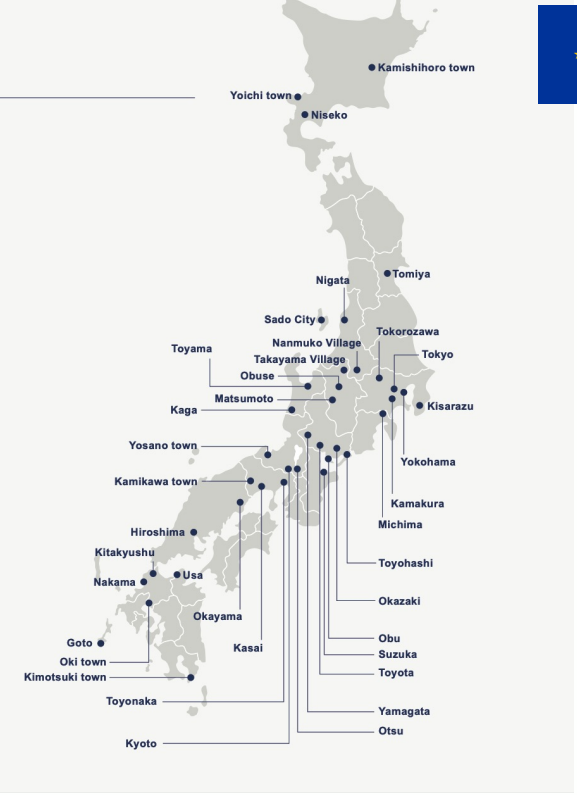
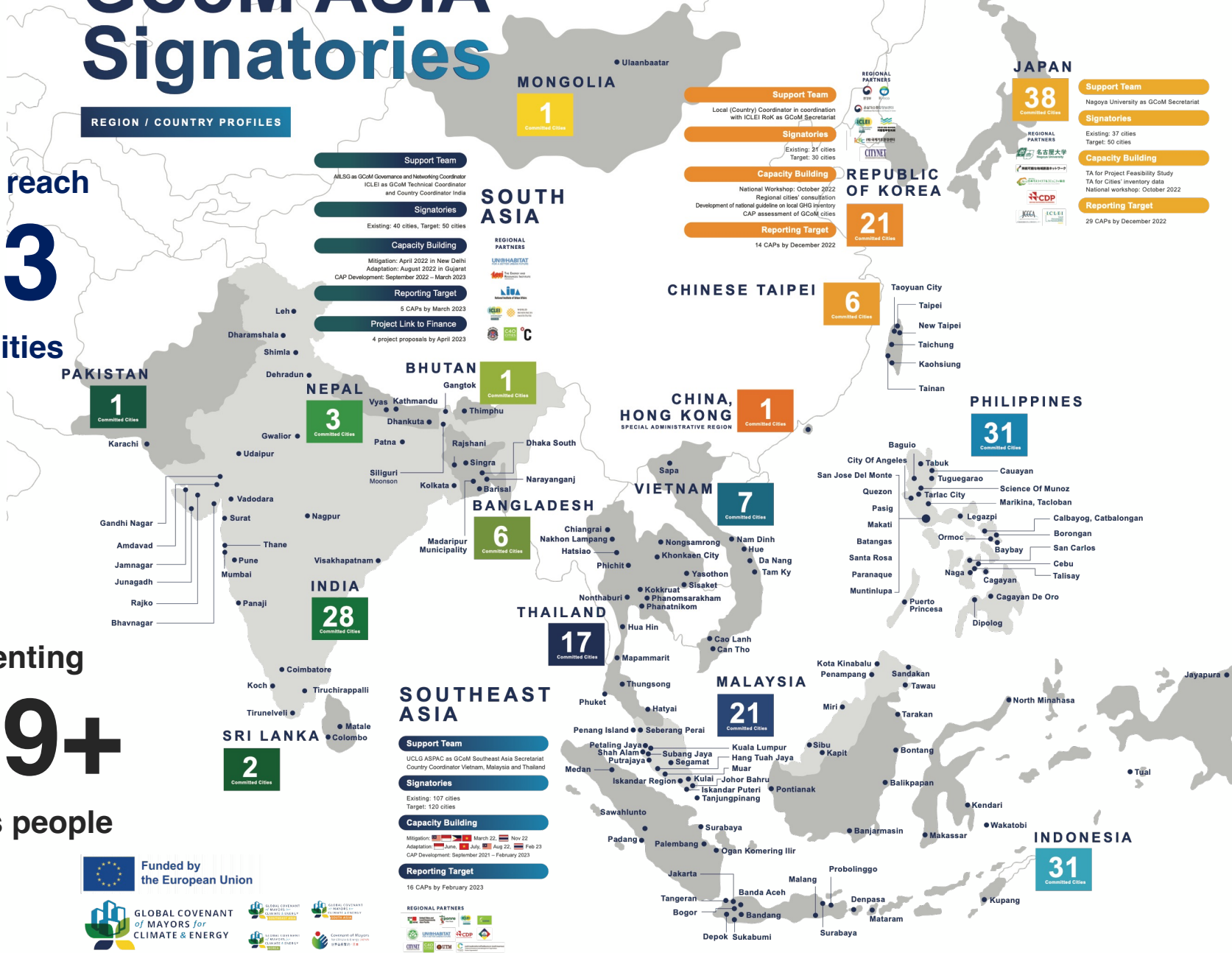
The Board is co-chaired by European Commission Executive Vice President for the European Green Deal Frans Timmermans and former New York City Mayor Michael Bloomberg. Ex-Officio Members include UNFCCC Executive Secretary Patricia Espinosa, UN-Habitat Executive Director Maimunah Mohd Sharif, and the Executive Director of the Global Covenant of Mayors.

GCoM ASIA Signatories

REGION / COUNTRY PROFILES

Current reach
213
Asian Cities

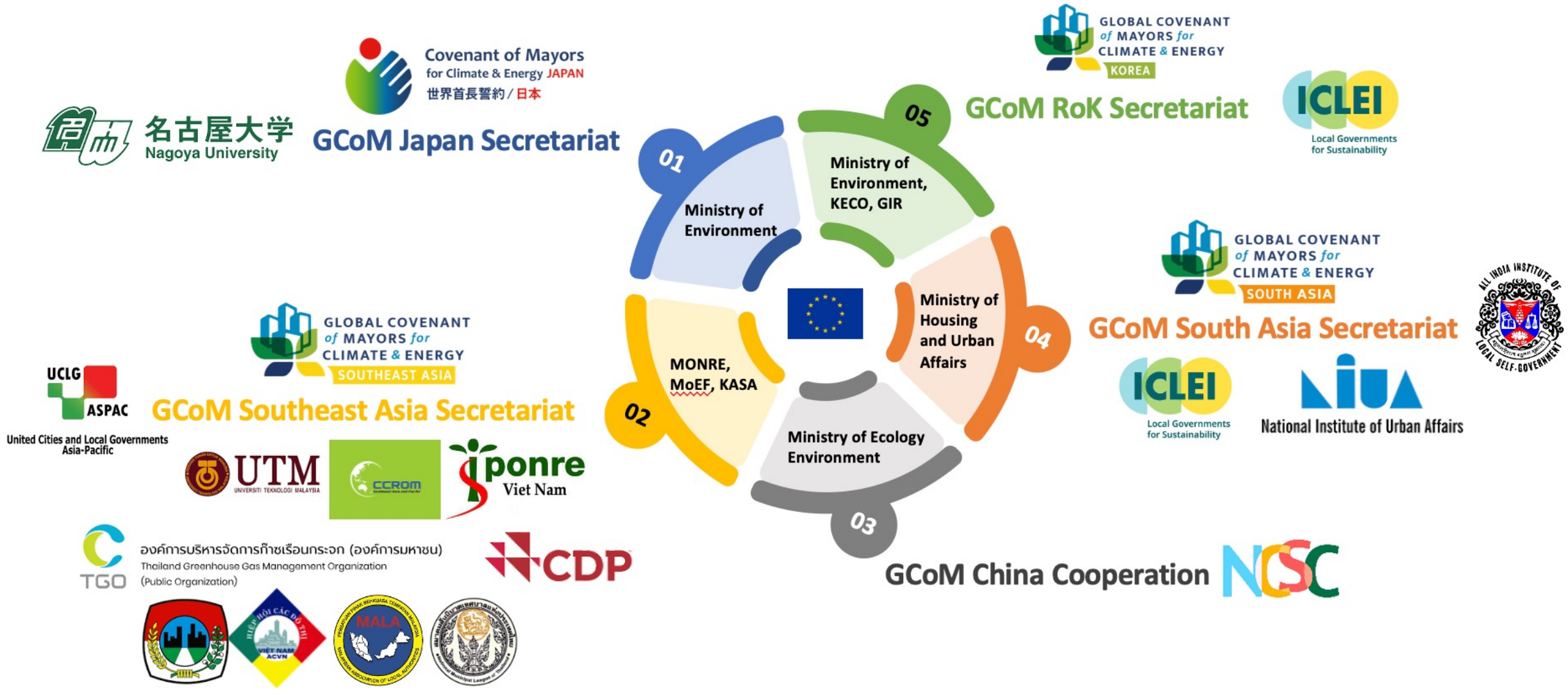
Representing
209+
millions people



Funded by the European Union

Vertical and Horizontal Integrations

Quadruple Helix Approach



National Capacity Building on Mitigation & Adaptation



**CLIMATE CHANGE
MITIGATION AND ADAPTATION TRAINING:**
"TARGET SETTINGS, RISKS ASSESSMENT, AND DEVELOP A PLAN"
24-25 MARCH 2022, ĐÀ NẴNG CITY VIET NAM



Indonesia

March 2022: National workshop on **Mitigation**
May 2022: National workshop on **Adaptation**

- 40 cities participants, Ministry of Environment and Forestry, Ministry of National Development Plan, Ministry of Finance, Ministry of Home Affairs

Malaysia

March 2022: National workshop on **Mitigation**

- Ministry of Environment and Water
- 12 local governments with total 27 participants

August 2022: National workshop on **Adaptation and Financing**

Vietnam

March 2022: National workshop on **Mitigation and Adaptation**

June 2022: National workshop on **Adaptation**

- Ministry of Mineral Resources and Environment

- 26 local governments with more than 150 participants

India

April 2022: National workshop on **Mitigation and Adaptation**

- 19 local governments with total 24 participants

August 2022: National workshop on **Adaptation**



National Capacity Building on Mitigation & Adaptation

China

December 2021: Policies and Practices for Enhancing Climate Adaptation under Carbon Neutral Targets

November 2022: Adaptation for Inclusive and Resilient Cities in Kunming, Yunnan Province

Japan

January 2022: Pathway to Climate Neutrality 2050

November 2022: Training on Mitigation and Adaptation for Japanese cities, in Tokyo

Republic
of Korea

December 2021: GCoM Korea Networking

November 2022: Training on Mitigation and Adaptation for Korean cities, in Dangjin



Coordination and Networking Among Covenants Asia and Beyond



Regional Asia Pacific

September 2021: Climate Financing and Budgeting webinar under the GCoM Global Regional Coherence for Asia Pacific at the UCLG ASPAC Congress

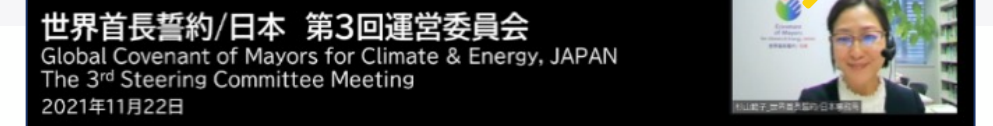
- 6 Ministries, 5 cities associations, 9 Mayors, 22 local governments, 14 countries
- Total 135 participants from 67 institutions



Regional Asia and Global

October 2021: Climate Finance and Sustainable Business webinar at the Seoul Mayors Forum on Climate Change

- 9 Mayors, 13 local governments, 15 countries
- Total approx 4,600 participants including online streaming in YouTube



Regional Southeast Asia

ASEAN Mayors Forum (January 2022): Cities Climate Leaders' Dialogue

- More than 200 participants in conjunction with National GCoM webinar in Thailand, Malaysia, Vietnam, and Indonesia
- Mayor Makati (GCoM Board Member), Governor of Jakarta, Mayor of Kuala Lumpur, UNHABITAT, UNESCAP.

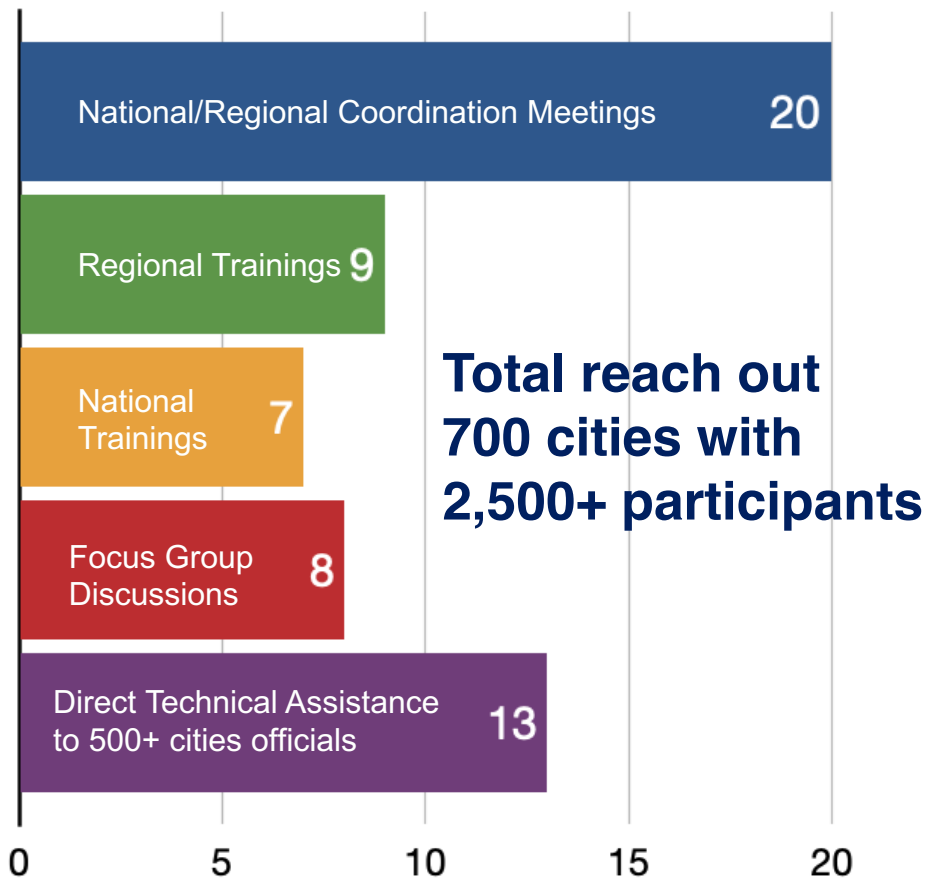
世界首長誓約/日本 第3回運営委員会
Global Covenant of Mayors for Climate & Energy, JAPAN
The 3rd Steering Committee Meeting
2021年11月22日

Coordination and Networking Among Covenants Asia and Beyond



Capacity Building Activities

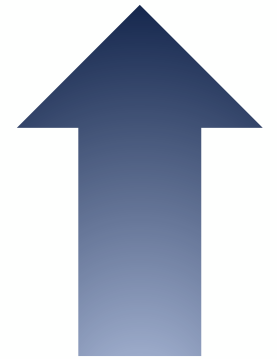
Cities perceive GCoM as a rare opportunity to facilitate knowledge exchange where they could hear and learn from others, acquire new ideas, discuss potential replications, avoid experiencing the same mistakes, and ultimately helping them to perform better taking from other cities' experience



Outcomes:

- 70-85% participants responded they have improved general understanding on GCoM CRF, climate mitigation, and adaptation from national/regional trainings.
- Increased understanding on **technical mitigation and adaptation modules** after the 1st direct TA.
- Follow up direct TAs are scheduled on Q4 2022 – Q1 2023.

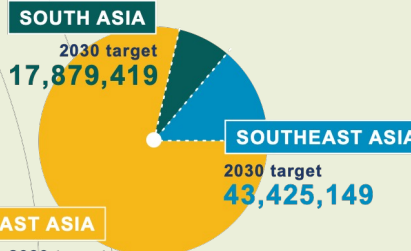
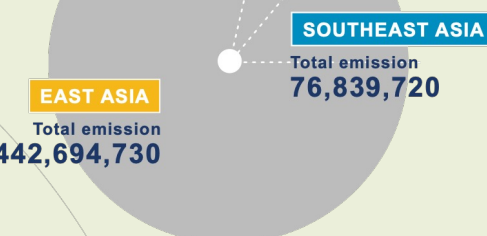
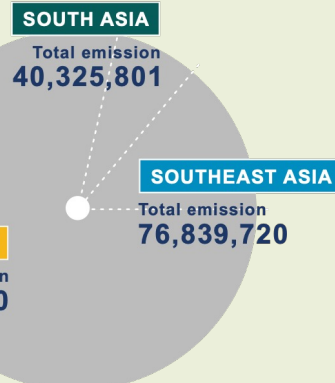
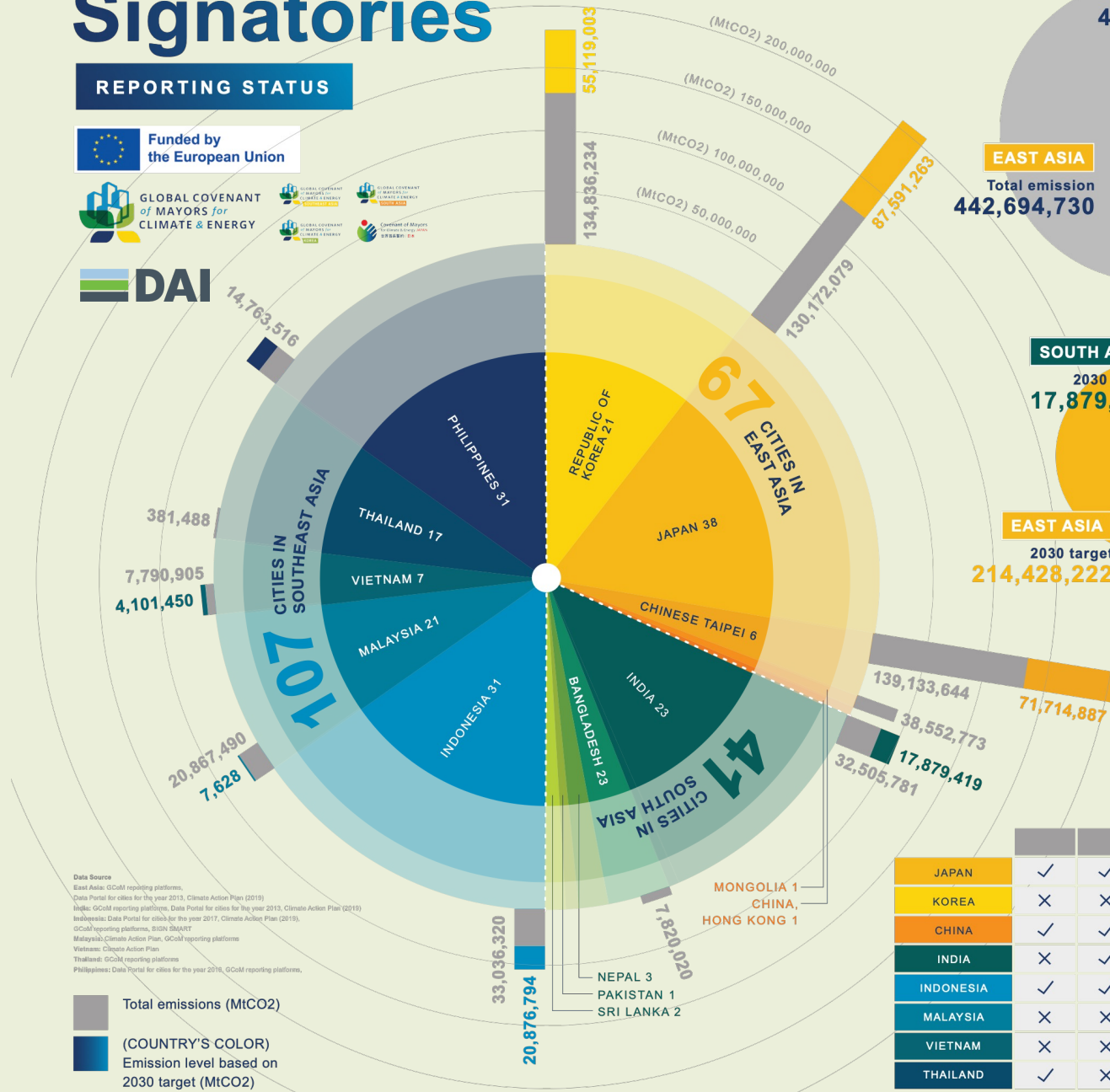
25-42% in Indonesia
19-21% in Vietnam



GCoM ASIA Signatories

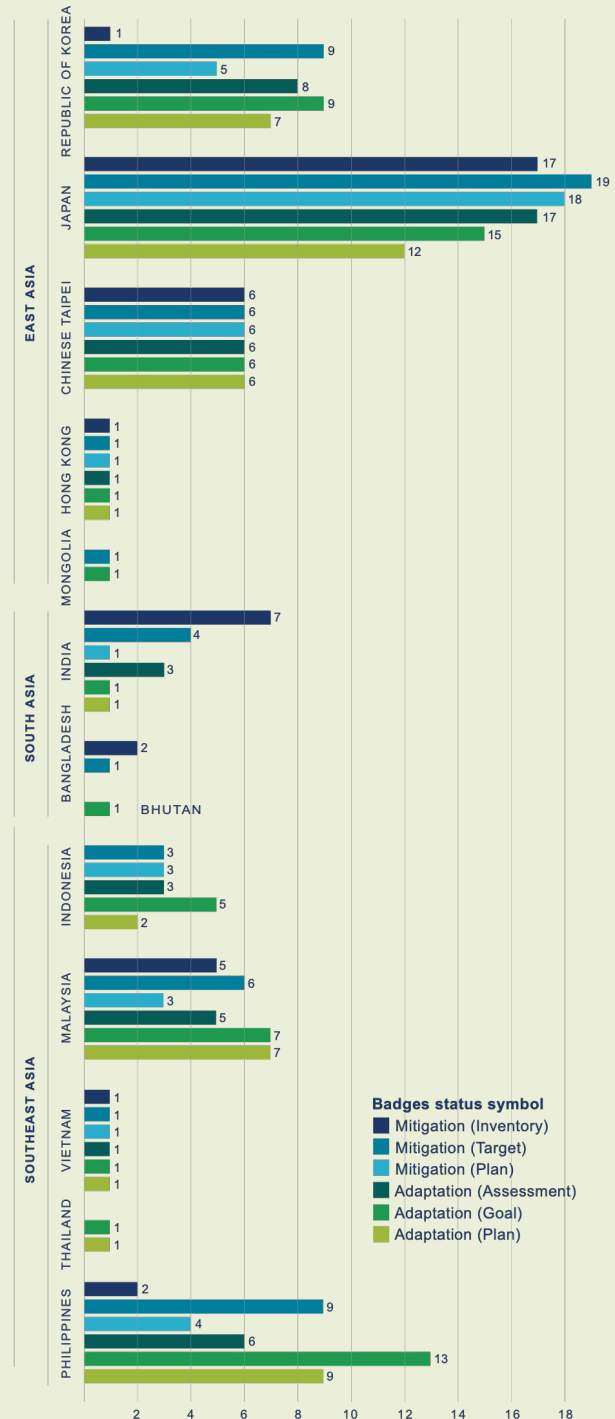
49% average GHG target reductions

REPORTING STATUS



BASELINE ASIAN CITIES' CLIMATE STRUCTURE

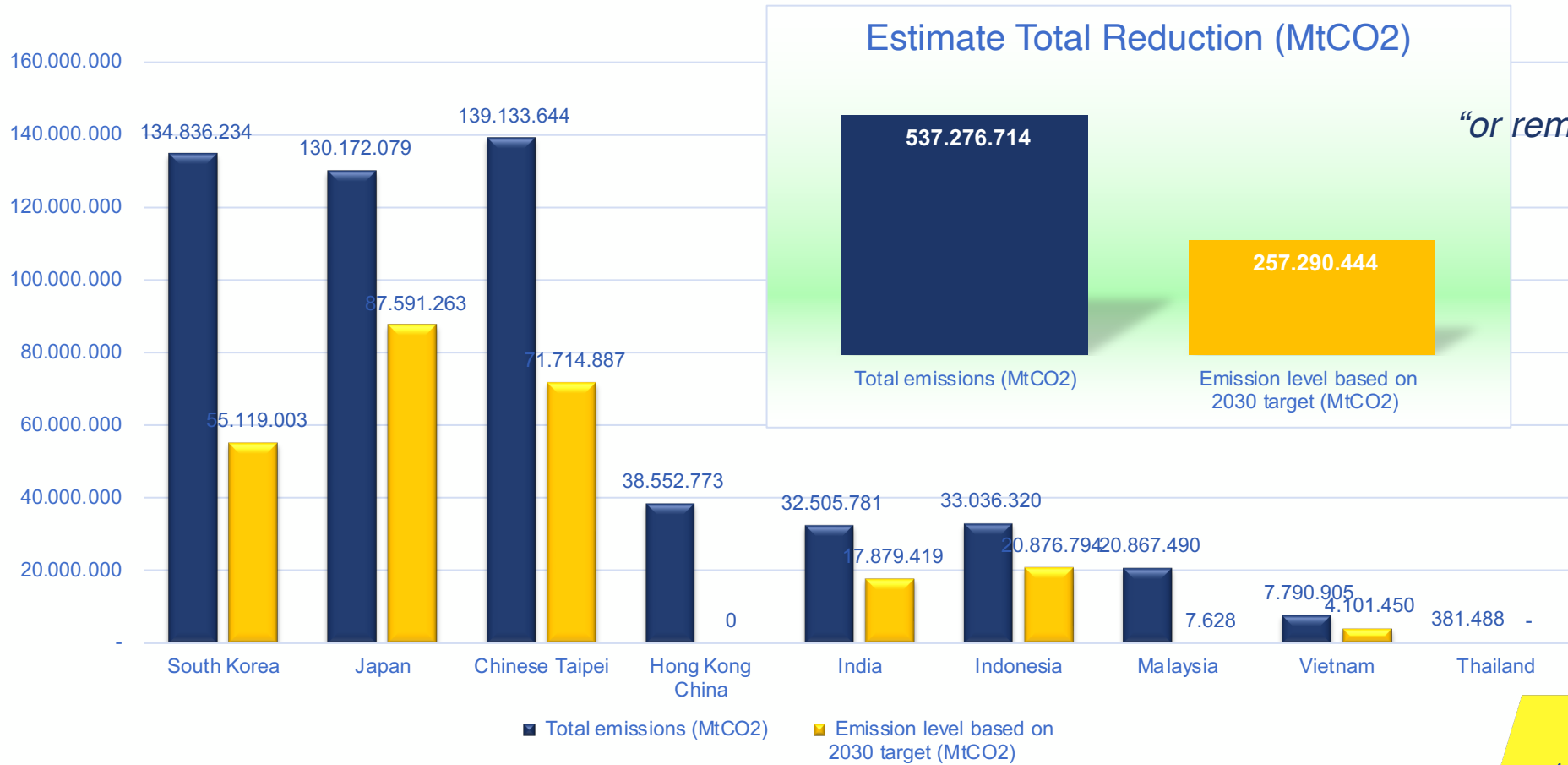
			Cities' Reporting	Reporting Platform
JAPAN	✓	✓	Mandatory	MyCovenant Japan and CIRIS-CRVA
KOREA	✗	✗	Mandatory at cities level starting 2022	—
CHINA	✓	✓	—	—
INDIA	✗	✓	Mandatory at state level	CSCAF
INDONESIA	✓	✓	Mandatory at cities & province levels	SIGN SMART AND AKSARA
MALAYSIA	✗	✗	—	—
VIETNAM	✗	✗	—	—
THAILAND	✓	✗	Mandatory at province levels	TGO GHG inventory report



Data Source
East Asia: GCoM reporting platforms.
Data Portal for cities for the year 2013, Climate Action Plan (2019)
India: GCoM reporting platforms, Data Portal for cities for the year 2013, Climate Action Plan (2019)
Indonesia: Data Portal for cities for the year 2017, Climate Action Plan (2019).
GCoM reporting platforms, SIGN SMART
Malaysia: Climate Action Plan, GCoM reporting platforms
Vietnam: Climate Action Plan
Thailand: GCoM reporting platforms
Philippines: Data Portal for cities for the year 2018, GCoM reporting platforms.

Legend for circular chart:
Total emissions (MtCO2)
(COUNTRY'S COLOR)
Emission level based on 2030 target (MtCO2)

Asian Cities' Ambitious Mitigation Actions



284,127,460 MtCO2e average emissions reduction target
"or removing **60 Millions cars in 1 year**"



42 Signatories developed mitigation action plan

60 Signatories set-up GHG emissions reduction target

43 Signatories reported GHG emissions inventory

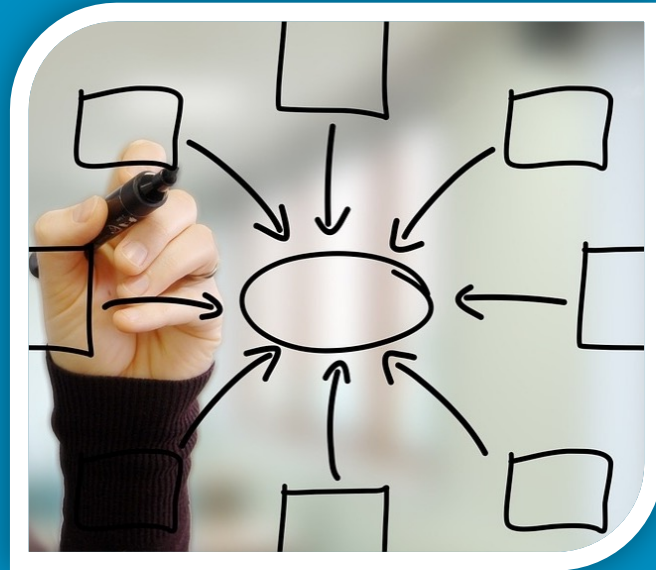
Energy diversification and efficiency programme such as solar power generation, small hydropower.
Transport: sustainable transportation network, low emission vehicles, public bicycle sharing scheme.
Waste management: waste segregation, leachate treatment plan, organic waste bio-methane facility.

Global Covenant of Mayors for Climate and Energy



Contribute globally

Local leaders are empowered to contribute to major international agreements, such as the UN Sustainable Development Goals and the Paris Agreement, bringing the urban dimension to global policy.



Training and resources

Cities can share challenges and solutions with others, take part in exclusive trainings, and gain access to useful resources.



Be part of the movement

The Global Covenant of Mayors gives over 12,500 cities a unified voice on the international stage, advocating for a green, healthy and resilient society.

The Global Covenant Offers:



Global Covenant signatories join the largest global coalition of local governments committed to greater **climate action**, and can get:

- Harmonized requirements, **Guidance and Tools** for Climate Action planning and implementation
- Technical Assistance - **tailored support to cities** and communities
- Opportunities for **networking, cooperation** and knowledge exchange
- Global **Advocacy** & Communications Campaigns
- Mobilizing **New Investments**
- Coordinated Strategy & Governance among different regions



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CLIMATE & ENERGY

More information:



www.globalcovenantofmayors.org



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www.youtube.com/GCoM



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