



2024 ANNUAL REPORT



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ICLEI – Local Governments for Sustainability Southeast Asia Secretariat

Editors:

Victorino Aquitania
Mae Valdez-Irong
Chris Noel Hidalgo
Jameela Antoniette Mendoza

Content Coordinators:

Chris Noel Hidalgo
Juniarti Elisabeth Sinaga
Jameela Antoniette Mendoza

Design and Layout:

Chris Noel Hidalgo

Contributors:

Secretariat Staff

Zenaida Ranario-Tagolino
Pamela Cabacungan
Ricardo Marfiga, Jr.
Kristianne Jemi Santos
James Anthony Oriña
Miguel Angelo Gotangco
Lendl Meniado, EnP
Renee Ann Lagata
Gabriel Lorenzo Syfu
Chris Noel Hidalgo
Jameela Antoniette Mendoza
Jennifer Maducdoc
Ronwaldo Olivo
Jenie Guinto-Darang

Indonesia Staff

Arif Wibowo
Selamet Daroyni
Siti Koiromah
Sumardi Ariansyah
Medhiansyah Putra Prawira
Femme Sihite
Juniarti Elisabeth Sinaga
Hikmatul Pasaribu
Marwan

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MESSAGE FROM THE SECRETARIAT

"What will the future look like 25 years from now?"

Over 25 years ago, we asked a similar question at ICLEI when it started its first project in Southeast Asia in 1999. By 2004, ICLEI officially established a Regional Secretariat for Southeast Asia, aiming to provide an answer to the question: What would the future look like for Southeast Asia if sustainable development were mainstreamed among cities and municipalities in the region?

As we conclude 2024 as the ICLEI Southeast Asia (SEA) Secretariat's 20th official year of operations, we look back at the past 12 months while recognizing two decades' worth of expertise and impact that continues to drive us to do more and remain consistent in our work of supporting local and regional governments on the path of sustainable development. With each passing year, our history and milestones grow to inspire us.

With this, the Secretariat commemorates its 20th Anniversary guided by the slogan, "INSPIRE-ASEAN: Innovating Sustainable Pathways for Inclusive, Resilient, and Empowered Cities in the ASEAN." This reflects our two decades-long commitment to supporting subnational governments by bringing them together, fostering knowledge exchange, collaboration, and innovation within the region. Developing an active and cooperative network of regions, cities, and municipalities working towards Sustainable Development Goals has proven, through our experience, that we can indeed go farther and achieve more when we work together.

In 20 years, ICLEI SEA has grown to have 67 member local governments, with more than 150 local governments engaged; and more than 60 projects implemented with over 160 partners. In 2024 alone, the Secretariat implemented 15 major projects and over 10 light-touch engagements involving over 150 local governments and 45 partners.

Behind these numbers, more importantly, is what we at the Secretariat consider to be our real, lasting impact. Through the member and network local governments of ICLEI that have continued to demonstrate leadership and continue the work they have begun with us, we see that sustainable development—when mainstreamed into local plans and all sectors—is not just an empty buzzword, but is a continuous and collaborative process that seeks to create a safe and healthy future for the next generations. Our work at ICLEI has shown us that subnational governments are capable of leading sustainable development efforts, and with their direct

influence on communities, it is crucial for them to keep doing so.

While networks such as ICLEI have proven the value of multi-sectoral, international, and local-to-national cooperation in strengthening sustainable development, it is also important that subnational governments have direct and specific targets or goals. In the integration of sustainability in all facets of development, it is evident that sustainability is all-encompassing and has become non-negotiable in the face of the climate emergency. Even with this as a given, sustainability efforts can have main focal points. ICLEI identified five interconnected development pathways to guide our approach in designing sustainability solutions with local governments: zero emissions development, resilient development, circular development, equitable development, and nature-based development. These pathways can also be a framework for local sustainable development.

Our projects in 2024 can be characterized by three (3) core themes: planning for resilience and renewable energy; inclusivity and active stakeholder participation; and capacity-building to enable local governments to lead climate action.

These three core themes reflect our current and most urgent needs as countries fall short of their targets to limit emissions. By the end of 2024, scientists and climate analysts have agreed that countries are not doing enough and not aiming high enough to limit emissions that speed up global warming and intensify catastrophes. Among the recommendations made by World Resources Institute (WRI) experts for countries to amp up their Nationally Determined Contributions (NDCs) include prioritizing the transition to renewable energy, resilience, and working with subnational actors towards the national climate agenda.

Planning for resilience and renewable energy

For the past year, ICLEI SEA has contributed to subnational governments' goals of accelerating their renewable energy transition and making critical transformations in the energy and transport sectors through its projects that help develop renewable energy roadmaps, assess local emissions, and improve local readiness for investments that will fund their sustainable infrastructure needs.

A number of our projects in 2024 also assisted cities in

adapting to the worsening effects of climate change, redefining resilience as data-driven and risk-informed planning, instead of passive, reactive efforts after disasters.

Inclusivity and active stakeholder participation

In these crucial times, an inclusive, multi-sectoral approach to development is no longer an option but a need. Projects and programs that fail to take into account the power of stakeholders and communities as partners, and not merely as beneficiaries, are challenging to sustain.

With these priorities, we believe that Southeast Asian subnational governments are on the right track. However, as we reach 2025—marked by the Paris Agreement as a benchmark year to assess whether the efforts to slow down the climate's warming is on track—knowing that countries are falling short on their targets means that having the right priorities are no longer enough, especially with how rapid greenhouse gas emissions continue to increase over the years. It is also crucial that countries raise their climate plans and actions by raising their NDCs.

Capacity-building to enable local governments

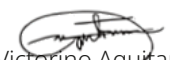
What we at ICLEI SEA have learned over the years is that subnational governments, while guided by their country's NDCs as their framework, do not have to wait. Subnational governments can raise their own targets and strengthen their plans for local climate action, and our work at ICLEI is to help them reach these targets through the five development pathways. Our work so far

attests to how, when people working in and with subnational governments are capacitated with the skills and knowledge they need to accelerate sustainable development and climate action, local solutions can be carried on, expanded, and diversified. ICLEI SEA continues to believe that local action, especially when accumulated, transforms systems and communities.

As we look back to see how far society has come in terms of climate action, we must avoid settling into complacency. Past accomplishments and technological advancements should challenge us to aim higher and be more inclusive and intensive in the way we plan and implement climate action.

What will the future look like in 2050, 25 years from now by the net-zero deadline? It would depend on how much we learn from the past, how urgently and ambitiously we act in the present, and what we choose to focus on. For Southeast Asia, we aim to build on the work we have done with members and partners for the past 25 years, which is a testament to subnational governments in the ASEAN consistently striving to take charge in shaping a sustainable, equitable, and livable future.

In the years to come, we hope to continue helping make this future a reality.


Victorino Aguitania
Regional Director
ICLEI Southeast Asia



ABOUT ICLEI SECRETARIAT SOUTHEAST ASIA SERVICES

ICLEI – Local Governments for Sustainability is a global network working with more than 2,500 local and regional governments committed to sustainable urban development. Active in 125+ countries, we influence sustainability policy and drive local action for zero emission, nature-based, equitable, resilient and circular development. Our Members and team of experts work together through peer exchange, partnerships and capacity building to create systemic change for urban sustainability.

The ICLEI Southeast Asia Secretariat (SEAS), based in Quezon City, Philippines, currently serves ICLEI Members in the Philippines, Indonesia, Malaysia, and Thailand. Established in 1999, ICLEI SEAS currently has 67 members from the aforementioned countries.

ICLEI SEAS prides itself on its body of work over the past

years, assisting and supporting local governments in the region in their quest towards sustainable development. To date, ICLEI SEAS has implemented over 50 major long-term programs and projects in cooperation with over 160 nationally, regionally, and internationally-renowned partners. Collectively, they have benefitted over 90 local governments and their over 77-million citizens throughout 7 countries in Southeast Asia.

Over the past years, ICLEI SEAS has gained recognition for its efforts in empowering local governments in Southeast Asia by designing, promoting, and drawing external support for programs on urban resilience, low emission development, integrated resource management, and other sustainability themes.

We continue to inspire local action for regional and global sustainability.



In the realization of ICLEI SEA' advocacy to localize and implement sustainable solutions, it provides an extensive range of services to members and other local governments interested in its programs and projects. ICLEI SEAS' services include:

Capacity building: Building institutional capacities of local governments to devise and implement customized solutions to local sustainability issues particularly in the themes of resilience, water and sanitation, low emission development, and biodiversity.

Adaptation and mitigation technical assistance: Supporting and mentoring local governments in climate change action planning through: conduct of urban systems analysis as well as vulnerability and risk assessments; establishment of baseline greenhouse gas (GHG) emissions and development of low carbon strategies; and mainstreaming disaster risk reduction, climate change adaptation, and low-emission development into local planning processes.

Advocacy and influencing: Linking local governments with regional and international platforms and advocacies for better recognition and uptake of local sustainability initiatives.

Community engagement: Support and facilitate citizen

engagement through local consultations, public hearings, and development of engagement platforms.

Partnership building: Connecting local governments with experts, academic institutions, financing institutions, and other development partners to catalyze implementation of local programs and activities.

Facilitating vertical integration: Strong engagement with national governments to ensure synergies of local and sub-national efforts.

Organization of learning activities: Organizing peer-to-peer learning activities and other knowledge exchange platforms (including training, study tours, workshops, and conferences).

Research and development of knowledge products: Conducting researches and quick studies on various sustainability themes; and the creation of materials such as case studies, policy briefs, guidebooks, and technical papers, among others.

Program and project design and management

Consultancy on sustainability issues



BY THE NUMBERS

LEADERSHIP



SINCE
1999

67

Member local and regional governments in Southeast Asia

90+

Local and regional governments with deep engagements

77

Million people living in engaged cities and regions

60+

Major projects and engagements

160+

Partner organizations worked with

Projects and light touch engagements

25

Local and regional governments engaged

150+

In-person and virtual activities conducted or participated in

90+

Stakeholders engaged

3,200+

Partner organizations throughout engagements

45

FOR
2024

Regional and Global Executive Committee Members



Alfredo Coro II
Mayor of Del Carmen, Philippines

ICLEI Southeast Asia Regional Executive Committee Member

ICLEI Global Executive Committee Biodiversity Portfolio Holder



Datin Sapiah binti Haron
Mayor of Hang Tuah Jaya, Malaysia

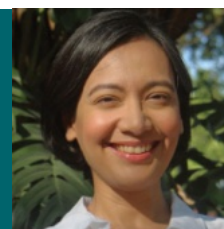
ICLEI Southeast Asia Regional Executive Committee Member

ICLEI Global Executive Committee Sustainable Energy Transition Holder

Secretariat Management



Victorino Aquitania
Regional Director



Mae Valdez-Irong
Regional Program Manager



Arif Wibowo
Indonesia Country Manager



As of 1 July 2025, ICLEI SEAS has 67 Member local and regional governments, including two institutional members: the League of Cities of the Philippines (LCP) and the Association of Indonesian Municipalities (APEKSI).

Philippines (38)

- 1. Bacnotan Municipality, La Union
- 2. Baguio City
- 3. Batangas City
- 4. Bohol Province
- 5. Borongan City
- 6. Cagayan de Oro City
- 7. Calapan City
- 8. Calbiga Municipality, Samar
- 9. Catbalogan City
- 10. Dagupan City
- 11. Del Carmen Municipality, Surigao del Norte
- 12. Dumangas Municipality, Iloilo
- 13. Dumingag Municipality, Zamboanga del Sur
- 14. General Santos City
- 15. Iloilo City
- 16. La Union Province
- 17. League of Cities of the Philippines
- 18. Linamon Municipality, Lanao del Norte
- 19. Lubang Municipality, Occidental Mindoro
- 20. Makati City
- 21. Muntinlupa City
- 22. Naga City
- 23. Pasig City
- 24. Puerto Princesa City
- 25. Quezon City
- 26. Samar Province
- 27. San Fernando City, La Union
- 28. San Fernando City, Pampanga
- 29. San Francisco Municipality, Cebu
- 30. San Jose Del Monte City
- 31. Science City of Muñoz
- 32. Sta. Rosa City, Laguna
- 33. Tarlac City
- 34. Tubigon Municipality, Bohol

- 35. Tublay Municipality, Benguet
- 36. Tuguegarao City
- 37. Vigan City
- 38. Zamboanga City

Indonesia (17)

- 1. Association of Indonesian Municipalities
- 2. Balikpapan City
- 3. Bogor City
- 4. Bontang City
- 5. Cilegon City
- 6. DKI Jakarta Province
- 7. Jambi City
- 8. Medan City
- 9. Probolinggo City
- 10. Semarang City
- 11. Sukabumi City
- 12. Surabaya City
- 13. Surakarta City
- 14. Tambrau Regency
- 15. Tanjungpinang City
- 16. Wakatobi Regency
- 17. Yogyakarta City

Malaysia (8)

- 1. Alor Gajah Municipal Council
- 2. Hang Tuah Jaya Municipal Council
- 3. Kuala Lumpur City Hall
- 4. Langkawi Municipal Council Tourism City
- 5. Melaka Historic City Council
- 6. Melaka State Government
- 7. Penang Island City Council
- 8. Seberang Perai City Council

Thailand (4)

- 1. Bangkok Metropolitan Authority
- 2. Chiang Mai Municipality
- 3. Muangklang Municipality
- 4. Phuket City

ICLEI Southeast Asia thanks its partners through the years.

Main Funding Partners

- Alliance to End Plastic Waste (AEPW)
- Asian Development Bank (ADB)
- Catholic Relief Services (CRS)
- C40 Cities Climate Leadership Group, Inc.
- Dutch Ministry of Foreign Affairs
- European Commission
- European Union (EU)
- Fondation Botnar
- German Federal Ministry for Economic Affairs and Energy (BMWK)
- German Federal Ministry for Economic Cooperation and Development (BMZ)
- German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety, and Consumer Protection (BMUV)
- German Society for International Cooperation (GIZ)
- Global Environment Facility (GEF)
- Global Infrastructure Basel Foundation (GIB)
- Institute for Global Environmental Strategies (IGES)
- International Development Research Centre, Canada (IDRC)
- International Institute for Environment and Development (IIED)
- Japan Fund for Global Environment (JFGE)
- Japan Ministry of Environment
- Japan Overseas Environmental Cooperation Center
- Konrad Adenauer Stiftung (KAS)
- MAVA Foundation
- Misereor Germany
- Oxfam Pilipinas (OPH)
- Philippine Department of Environment and Natural Resources (DENR)
- Philippine Local Government Academy (LGA)

- Philippine Local Government of Legazpi City
- Philippine Local Government of La Union Province
- Philippine Movement for Climate Justice
- Renewable Energy and Energy Efficiency Partnership (REEEP)
- Rockefeller Foundation
- Swedish Government
- Swiss Philanthropy Foundation
- Tara Climate Foundation
- UK Aid
- United Kingdom Government
- United Cities and Local Governments (UCLG)
- United Nations Development Programme (UNDP)
- United Nations Environment Programme (UNEP)
- United States Agency for International Development (USAID)
- United States Department of State
- World Bank
- World Wildlife Fund (WWF)

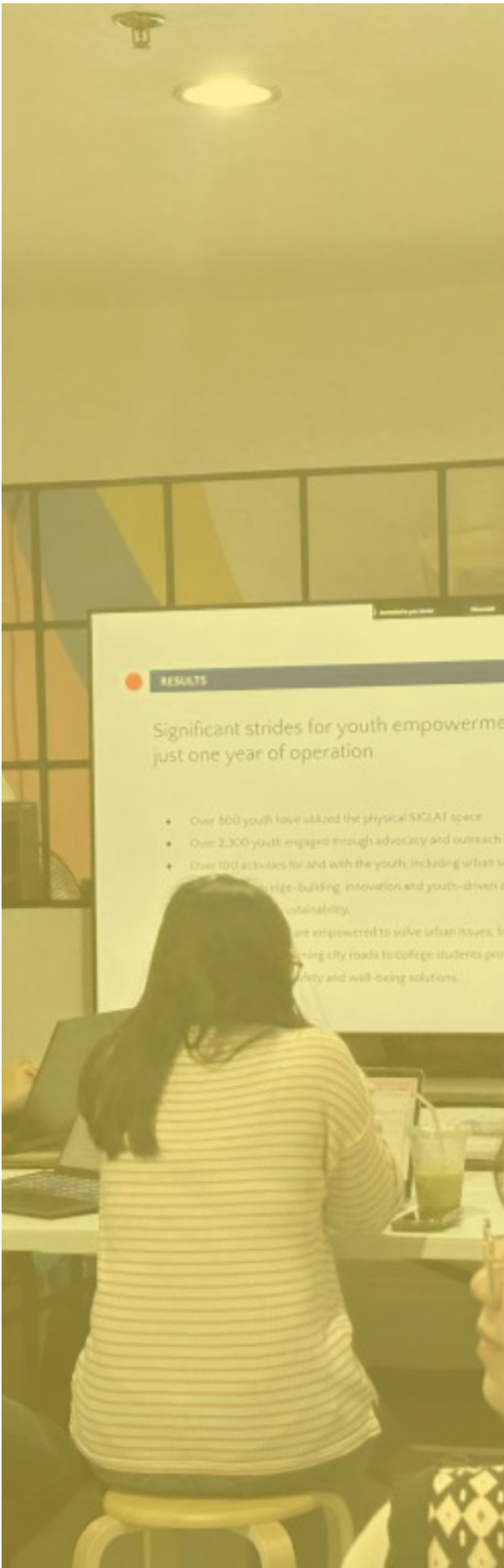
National Agencies

- Cambodia Ministry of Environment
- Indonesian Environment Fund (BPD LH)
- Indonesian Ministry of National Development Planning (BAPPENAS)
- Indonesian Geospatial Information Agency (BIG)
- Indonesian Ministry of Agrarian and Spatial Planning
- Indonesian Ministry of Cooperatives and SMEs
- Indonesian Ministry of Energy and Mineral Resources (ESDM)
- Indonesian Ministry of Environment and Forestry (KLHK)
- Indonesian Ministry of Finance (BKF)
- Indonesian Ministry of Internal Affairs
- Indonesian Ministry of Transportation
- Indonesian National Electric Company (PLN)
- Indonesian PT Sarana Multi Infrastruktur (SMI)
- Lao PDR Department of Climate Change (DCC), Ministry of Natural Resources and Environment (MONRE)
- Lao PDR Department of Planning and Cooperation (DPC), Ministry of Natural Resources and Environment (MONRE)
- Lao PDR Department of Housing and Urban Planning, Ministry of Public Work and Transport (MPWT)

- Lao PDR Department of Transport, Ministry of Public Work and Transport (MPWT)
- Lao PDR Department of Industry and Handicraft, Ministry of Industry and Commerce (MIC)
- Lao PDR Institute of Renewable Energy Promotion, Ministry of Energy and Mines (MEM)
- Malaysia Iskandar Regional Development Authority (IRDA)
- Malaysia Melaka Green Technology Corporation
- Philippine Climate Change Commission (CCC)
- Philippine Commission on Women
- Philippine Department of Energy (DOE)
- Philippine Department of Environment and Natural Resources (DENR) Climate Change Service
- Philippine Department of Environment and Natural Resources (DENR) Environmental Management Bureau (EMB)
- Philippine Department of Human Settlements and Urban Development (DHSUD)
- Philippine Department of the Interior and Local Government (DILG)
- Philippine Department of Trade and Industry (DTI) Consumer Policy and Advocacy Bureau
- Philippine Department of Transportation (DOTr)
- Philippine National Economic Development Authority (NEDA)

Local, National, and International Organizations

- AISC Network
- Asia Pacific Adaptation Network (APAN)
- ASEAN Centre for Biodiversity
- ASEAN Secretariat – ASEAN Working Group on Environmentally Sustainable Cities
- Association of the Indonesia Municipalities (APEKSI)
- Association of Indonesian Regency Governments
- Canadian International Development Agency
- CDP
- CGIAR Resilient Cities
- Children and Youth Constituency for Sustainable Communities
- Circle Economy
- Clean Air Initiative for Asian Cities (CAI-Asia)
- Climate Action Network Southeast Asia (CAN-SEA)
- Climate and Development Knowledge Network (CDKN)
- Committee for Unleaded Gasoline Phase-Out (KPBB)
- Conservation International
- Cordilleran Youth Center
- Earth Council
- Ellen MacArthur Foundation
- Emergent Ventures International Pte. Ltd.
- Engagement Global
- Food and Agriculture Organization of the United Nations (FAO)
- Global 100% Renewable Energy Platform
- Global Factor
- Global Green Growth Institute (GGGI)
- Green Building Council Indonesia
- ICF International
- Indonesia-Malaysia-Thailand Growth Triangle (IMT-GT) Joint Business Council (JBC)
- Indonesia Climate Alliance
- Indonesia Renewable Energy Society
- Indonesian Association of Urban and Regional Planners (IAP)
- Indonesian Institute for Energy Economics
- Indonesian Institute for Essential Services Reform
- Indonesian Open StreetMap Association



- International Centre for Environmental Management
- International City/County Management Association
- International Council on Clean Transportation
- International Renewable Energy Agency (IRENA)
- Institute for Climate and Sustainable Cities (ICSC)
- Institute for Human Rights and Business
- Institute for Transportation and Development Policy
- Kemitraan
- Korea Environment Institute
- League of Cities of the Philippines
- League of Municipalities of the Philippines
- Lingkar Temu Kabupaten Lestari
- Lokahita
- MASKEEI
- Metabolic
- One Planet Network
- Oxford Policy Management Limited
- Perspectives Climate Group GmbH
- Philippine Green Building Council
- Philippine Disaster Resilience Foundation
- ProVention Consortium
- Renewables Academy AG (RENAC)
- Resilience Development Initiative
- Ricardo Consulting Firm
- Rocky Mountain Institute
- Save the Children Indonesia
- SCALE Solutions Philippines
- Seoul Metropolitan Government
- Smart Changes
- Swiss State Secretariat for Economic Affairs
- Thailand Greenhouse Gas Management Organization
- Union of Local Authorities of the Philippines
- United Nations Economic and Social Commission for Asia and the Pacific
- United Nations Human Settlements Programme
- United Nations Office for Disaster Risk Reduction
- United States Environmental Protection Agency
- Vietnam Institute for Urban and Rural Planning
- WeSolve Foundation
- World Resources Institute

Academic and Research Institutions

- Ateneo School of Government
- Ateneo de Manila University
- Fraunhofer Institute for Solar Energy System
- Institute of Technology Bandung School of Architecture, Planning, and Policy Development
- Kobe University
- Loughborough University
- Manila Observatory
- National University of Laos Faculty of Environmental Sciences
- Strengthening University-Enterprise Collaboration for Resilient Communities in Asia (SECRA) Consortium
- Southeast Asian Regional Center for Graduate Study and Research in Agriculture (SEARCA)
- University of the Philippines – Diliman School of Urban and Regional Planning
- University of the Philippines - Los Baños College of Human Ecology
- University of the Philippines - Los Baños Department of Community and Environmental Resource Planning
- University of the Philippines – Los Baños School of Environmental Science and Management
- University of San Carlos
- Xavier University





2019 - 2024

100%RE

Towards 100% Renewable Cities & Regions for Climate Change Mitigation

PROJECT PARTNERS

German Federal Ministry for Economic Affairs and Climate Action (BMWK)

International Renewable Energy Agency (IRENA)

Global 100% Renewable Energy Platform

Renewables Academy (RENAC) AG

PROJECT LOCATIONS



West Nusa Tenggara Province

Mataram City

Sumbawa Regency

ABOUT THE PROJECT

The 100%RE Project has been implemented since 2019 to support regions and local governments in developing a roadmap towards 100% renewable energy (RE), contributing to the achievement of nationally determined contributions (NDCs), developing bankable RE projects, and supporting local energy policy development.

100%RE100%
RE100%RE10
0%RE100%RE

KEY PROJECT ACCOMPLISHMENTS IN 2024



The tenth capacity-building session, titled "Developing and Planning Renewable Energy Projects," was held on 20 February 2024, marking the final initiative to address capacity gaps in the renewable energy transition in WNT Province. Approximately 50 participants attended the session in Mataram.



The third National Advisory Group (NAG) meeting took place on 3 September 2024, in Jakarta to discuss and gather national-level input for the national policy recommendation document.



A public consultation for the WNT 100% Renewable Energy Roadmap by 2050 took place on 21 February 2024, attended by around 65 participants to discuss and provide input and feedback on the WNT 100% RE Roadmap.



A two-day local capacity-building workshop was conducted on 21-22 August 2024, in Mataram to enhance local capacities and prepare stakeholders to develop bankable renewable energy projects.



On 22 February 2024, a presentation on potential business models and economic analysis for financeable projects was conducted at the WNT Energy Agency Office. The event was attended by approximately 30 participants, including representatives from local governments, PLN UIW NTB, PLN ICON Plus, Bank NTB Syariah, and others.



A business matchmaking event for a solar project in Mataram was held in Jakarta on 5 June 2024. Over 40 stakeholders from various sectors attended, including the Ministry of Energy and Mineral Resources (MEMR), Environmental Fund Management Agency (BPD LH), Ministry of National Development Planning (BAPPENAS), financial institutions, RE associations, private companies, nonprofits, and independent power producers (IPPs).



The second National Advisory Group (NAG) meeting was held on 27 February 2024, in Jakarta to gather national-level input on the WNT 100% Renewable Energy Roadmap. Representatives from relevant ministries, PT PLN (state-owned electricity company), renewable energy associations, and other key stakeholders were invited to provide feedback.



The launch and dissemination of the WNT 100% Renewable Energy Roadmap took place on 19 September 2024, in Mataram. The event was attended by more than 70 key stakeholders from governments, private industries, academia, and civil societies.

PROJECT GALLERY



Key stakeholders gathered from various institutions, including MEMR, BAPPENAS, the Ministry of Home Affairs, and PT PLN , along with local officials from WNT, nonprofits, and others during the 3rd National Advisory Group Meeting on the 100% Renewable Energy project.

(left to right): Irvan from the Regional Development of Sumbawa Regency (BAPPEDA); Andriah Febby Misna from MEMR; M. Sahdan from WNT's Energy Agency; Rahmat Woetellar as Head of the Advisory Board; Haryo Lukito from PT PLN; and Arif Wibowo from ICLEI Indonesia.



Over 50 participants, including West Nusa Tenggara officials from various agencies, representatives from the private sector, academic institutions, and students from vocational schools, attended the first day of the training on 21 August 2024.



In a ceremonial handover of the Roadmap, Victorino Aquitania, Regional Director at ICLEI Southeast Asia, presented the document to M. Sahdan, Head of the WNT Energy Agency, representing the West Nusa Tenggara government.

Nearly 70 attendees and key stakeholders from various sectors participated in the local launch and dissemination of the 100% Renewable Energy Roadmap for West Nusa Tenggara (WNT) on 19 September 2024 in Mataram City.

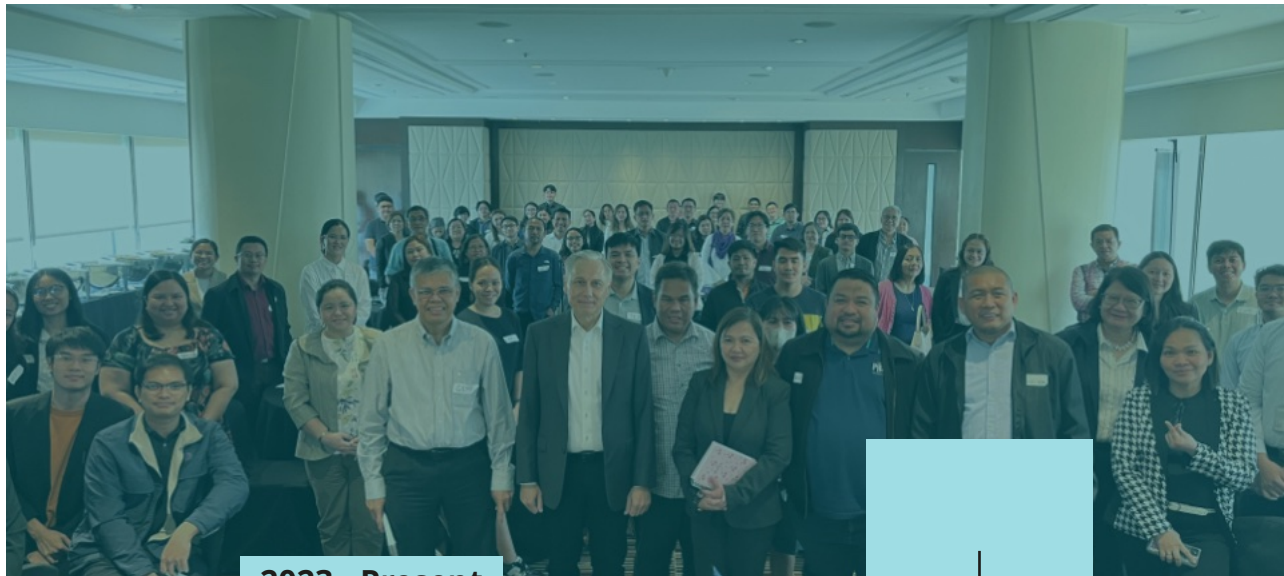


(In the picture) The Acting Governor of West Nusa Tenggara Province, Dr. H. Lalu Gita Ariadi, and key stakeholders welcome the public consultation on the 100% renewables roadmap.



(In the picture) More than 40 participants, including staff from WNT's energy agency, representatives from Bappeda of Mataram and Sumbawa City, academe, CSO and communities, attended the capacity building session in Mataram city, West Nusa Tenggara Province.





2023 - Present

ACE: PH CE Framework

Accelerating NDC through Circular Economy in Cities (ACE): Development of a National Circular Economy Framework

PROJECT PARTNERS

United Nations Development Programme
Philippine Department of Environment and Natural Resources

ABOUT THE PROJECT

The National Circular Economy Framework shall guide the country's accelerated and just transition towards circular economy (CE) characterized to be environmentally beneficial, economically viable, and socially equitable. The formulation of the framework shall be evidence-based and facilitated in a consultative and participatory manner. The resulting framework shall be action-based in order to provide stakeholders with concrete and strategic directions in fulfilling the framework goals to be defined by relevant stakeholders.

PROJECT LOCATIONS



Philippines

ACE: PH CE FRAMEWORK : PH CE FRAME

KEY PROJECT ACCOMPLISHMENTS IN 2024



Conducted a Luzon Stakeholders' Consultation Workshop and a National Circular Economy Expert's Consultations attended by multi-level and multi-sectoral stakeholders, including representatives from CE-focus areas, national government, local government, private sector, marginalized people's organizations, and a foreign embassy.



In March 2024, the DENR and the EU, in cooperation with the GIZ as the implementor, launched the Green Economy Programme in the Philippines (GEPP) with the goal of assisting the nation in its transition to a green economy. The draft National CE framework as the output of this consultancy is said to be used as one of the resource materials for the programme.



PROJECT GALLERY



Attendees of the Luzon Stakeholders' Consultation Workshop for the National Circular Economy Framework held on 14 February 2024.



Day 1 attendees of the National Circular Economy Expert's Consultation held on 12 March 2024.



Day 2 attendees of the National Circular Economy Expert's Consultation held on 13 March 2024.

The National Circular Economy Expert's Consultation saw a panel discussion featuring (from left) Atty. Analiza Rebuta-Teh, DENR Undersecretary for Finance, Information Systems and Climate Change; Mr. Allendri Angeles, Pasig City Government Environment and Natural Resources Department Head; Dr. Gem Castillo, President of the Resources, Environment, and Economics Center for Studies, Inc. (REECS); and H.E. Ambassador Franz-Michael Mellbin, Ambassador of Denmark for the Philippines and Palau.



ALBAY REROA DMAPALBAY REROADMAP



2024 - Present

Albay RE Roadmap

Formulation of the Albay Renewable Energy Roadmap

PROJECT PARTNERS

Philippine Movement for Climate Justice (PMCJ)

ABOUT THE PROJECT

The project aims to enhance the capacities of 18 local government units (LGUs) in Albay Province, Philippines in fostering a democratized energy governance system through stakeholder engagement in participatory planning processes for RE development. This shall involve training and research to support the establishment or strengthening of LGU institutions like the Energy Sector Committee. Additionally, it aims to form a diverse stakeholder team and involve them alongside the LGUs in participatory planning processes in determining RE solutions to be included in local development plans.

PROJECT LOCATIONS



Albay Province
18 cities and municipalities

KEY PROJECT ACCOMPLISHMENTS IN 2024



42 participants representing local government units, civil society organizations, and the private sector attended the inception workshop that kicked off the formulation of the Albay Renewable Energy Roadmap.



The renewable energy resource assessments (solar and wind) for Albay Province as well as Legazpi City, Ligao City, Tabaco City, and Daraga were produced.



39 participants representing LGUs, civil society, and private sector attended the first installment of a stakeholder consultation series towards the formulation of the Albay RE Roadmap. This consultation discussed the RE roadmapping process, presented the initial RE resource assessment results and the sample RE projects, as well as solicited and secured the stakeholders' inputs and support to the roadmap formulation process.



ALBAY RERO ROADMAPALBAY RERO ROADMAPALBAY RERO ROADMAP

PROJECT GALLERY



ICLEI Southeast Asia and Philippine Movement for Climate Justice with the participants of the Albay Province RE Roadmap Project launch and inception workshop on 9 July 2024 at The Marison Hotel, Legazpi City, Albay Province, Philippines.

Participants from various stakeholder groups took part in a consultation to gather inputs towards the formulation of the Albay Renewable Energy Roadmap last 18 February 2025 at Hotel Sentro Function Hall, Legazpi City.



Larry Pascua, PMCJ senior energy program officer, delivers the welcome message.



Pamela Cabacungan, ICLEI SEA Zero Emission Portfolio Manager, introduces the Albay RE Roadmap Project to participants.



Engr. Isabelo Rabuya, ICLEI SEA technical consultant, explains the importance of conducting an RE resource assessment.

Participants engage in focus group discussions about the energy supply in Albay Province.



CLIMATE RESILIENT CITIES SC

LIMATE RESIL



2023 - 2025

CRC

Climate Resilient Cities

PROJECT PARTNERS

United States Agency for International Development

Catholic Relief Services

Conservation International

Rocky Mountain Institute

Philippine Disaster Resilience Foundation

Manila Observatory

ABOUT THE PROJECT

The project aims to improve resilience by strengthening the adaptive capacity of cities to adapt to, mitigate, and manage the impacts of climate change and disasters. It will support local government units (LGUs) in the development of robust multi-stakeholder capacity for climate information generation, analysis, use, and climate change adaptation (CCA) and climate change mitigation (CCM) planning.

PROJECT LOCATIONS



Batangas City

Borongan City

Legazpi City

Zamboanga City

KEY PROJECT ACCOMPLISHMENTS IN 2024



Climate and Disaster Risk Assessment (CDRA) trainings covering modules on Building CDRA and Compiling and Mainstreaming CDRA were conducted for the cities of Borongan (March and May 2024), Zamboanga (May and June 2024), Batangas (May and July 2024) and Legazpi (Aug 2024). These trainings prepared each city to formulate their CDRA report.



ICLEI SEA submitted a technical report to the Department of Human Settlements and Urban Development (DHSUD) on learnings and observations on using the CDRA CHM tool in the delivery of CDRA trainings to the cities.



ICLEI SEA conducted CDRA writeshops for the cities of Borongan, Zamboanga, Batangas, and Legazpi, which produced draft CDRA reports, detailing the cities' climate change and hazard information and its potential impacts; exposure database to assess to the risk and vulnerability of five key aspects in a city (Population, Urban Use Areas, Natural Resource-based Production Areas, Critical Point Facilities, and Lifeline Utilities); CDRA for each aspect; and a summary of findings on priority decision areas identified by the LGU, including their determined climate change adaptation and disaster risk reduction measures and policy options based on the findings.



Local Climate Change Action Plan (LCCAP) Trainings were conducted for the cities of Borongan and Zamboanga last September and November, respectively.



CLIMATE RESILIENT CITIES

CLIMATE RESILIENT CITIES

CLIMATE RESILIENT CITIES

PROJECT GALLERY



ICLEI SEA with participants of the third leg of the Climate and Disaster Risk Assessment (CDRA) capacity-building workshop for the local government of Legazpi City, Philippines last 27 - 29 August 2024 at Hotel Sentro, Legazpi City.

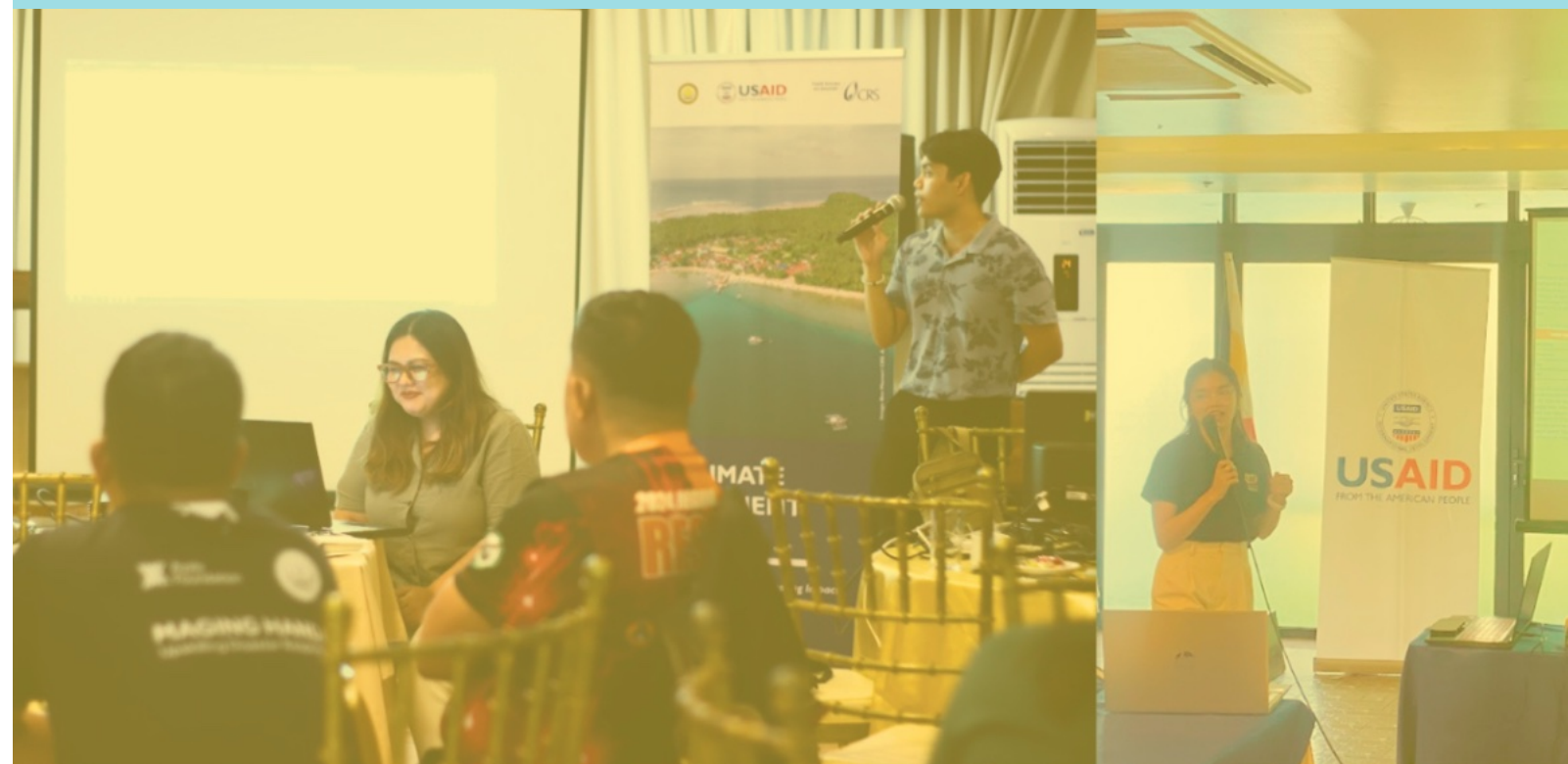
ICLEI SEA with participants of the CDRA writeshop for the local government of Zamboanga City, Philippines last 19 - 23 August 2024 at Marcian Garden Hotel, Zamboanga City.



ICLEI SEA with participants of the third leg of the CDRA capacity-building workshop for the local government of Batangas City, Philippines last 31 July - 2 August 2024 at Batangas Country Club, Batangas City.



ICLEI SEA with participants of the CDRA writeshop for the local government of Borongan City, Philippines last 22 - 26 July 2024 at Golden Creek Farm & Resort, Borongan City.





2023 - 2024

GCAP

Developing Green City Action Plans to Accelerate Post COVID-19 Competitiveness and Resilience Subproject 1

PROJECT PARTNERS

Asian Development Bank
Indonesia-Malaysia-Thailand (IMT-GT) Joint Business Council (JBC) Malaysia

PROJECT LOCATIONS



- Penang Island
- Langkawi Island
- Kota Bharu
- Kuching (Padawan)

ABOUT THE PROJECT

The Green City Action Plan (GCAP) subproject 1 assisted the partner cities in scientifically selecting suitable quality infrastructure investment (QII) projects to implement. The implementing consortium (IC) assessed the city baseline in various sectors and noted the urban system gaps before developing the GHG emissions inventory for each partner city. They then conducted a climate resilient vulnerability assessment (CRVA) to determine the sectors and local urban areas most susceptible to sudden climate change events by considering the vulnerable populations of the urban aggregation including women and youth. Once linked with the GCAPs, the CRVA would provide insights into urban growth, planning, and management concerns; issues resulting from the absence of specific local plans; and consequences of climate change.

GREEN CITY ACTION PLAN GREEN CITY ACT

KEY PROJECT ACCOMPLISHMENTS IN 2024

 Supported the conduct of the first Malaysia Green City Investment Forum 2024 held on 26 - 27 November 2024. The event served as the culminating activity of the GCAP project.

 Developed four Green City Action Plan Communications and Outreach Strategy documents; one each for the four project sites.

PROJECT GALLERY



Various partners sign Memoranda of Understanding in support of the Green Cities Climate Action Plans during the Green City Investment Forum 2024.

ICLEI Southeast Asia Communications Head Chris Hidalgo (middle) supported the conduct of the Green Cities Investment Forum 2024 in Kuala Lumpur, Malaysia.





2023 - 2024

GCoM

Global Covenant of Mayors for Climate and Energy

PROJECT PARTNERS

C40 Cities

ABOUT THE PROJECT

ICLEI provides technical assistance to selected GCoM-committed local governments which aim to achieve climate neutrality or similar targets, helping them to explore a more integrated and inclusive approach to climate action, addressing climate adaptation, resilience, mitigation, access to energy and access to finance, among others. The cities' reports to CDP-ICLEI Track over several years will inform this guidance and knowledge production and dissemination. This is linked to addressing the policy-practitioner-science interface.

PROJECT LOCATIONS



9 cities and municipalities from Philippines

3 cities and municipalities from Malaysia

8 cities and municipalities from Indonesia

GCoM GCoM GCoM
GCoM GCoM GCoM
GCoM GCoM GCoM

KEY PROJECT ACCOMPLISHMENTS IN 2024



A total of 20 cities from Indonesia (8), Malaysia (3), and Philippines (9) reported or activated their account in the CDP-ICLEI Track reporting platform.



In-person GHG inventories were conducted to 35 cities/regencies for Indonesia and Baguio City for the Philippines. Other activities were conducted via webinars.



Three cities submitted projects to the Transformative Actions Program, namely Bogor and Mataram in Indonesia, and Yong Peng in Malaysia.



2023 - 2024

La Union GHGi

Formulation of the Community-Level GHG Inventory Report of La Union Province

PROJECT PARTNERS

La Union Provincial Government

ABOUT THE PROJECT

La Union in the Philippines faces the challenge of accurately tracking community-level GHG emissions, a crucial step toward effective climate action aligned with the nation's commitment to the Paris Agreement. Without a community-level GHG inventory, LGUs lack the data necessary to identify high-emission sectors, prioritize interventions, and create tailored strategies for emission reduction. This initiative enables La Union to make data-driven decisions, access climate finance, and enhance transparency, fostering a foundation for sustainable climate action that supports multi-level climate targets.

PROJECT LOCATIONS



La Union Province
20 cities and municipalities

LA UNION GHG GILAUNIONG HGILAUNION

KEY PROJECT ACCOMPLISHMENTS IN 2024



The baseline community-level GHG inventory of La Union Province covering 20 localities was completed. The estimated total GHG emissions of the province is 2,765,995.23 tCO₂e.



Most of these emissions are coming from the industrial processes, and followed by electricity use, rice production, mobile combustion, livestock, stationary fuel use, solid waste, wastewater; and a notable amount of carbon removal from the province's carbon sink.

PROJECT GALLERY



Participants of the inception workshop that kicked off the formulation of the baseline GHG inventory report of La Union Province held on 1 - 2 April 2024 at the PDRRMO Training Hall, Sevilla, City of San Fernando, La Union.

Participants took part in GHG emissions calculation exercises during the inception workshop of the La Union Province GHG Inventory Formulation Project held on 1-2 April 2025 at the PDRRMO Training Hall, Sevilla, City of San Fernando, La Union.



ONEPLANETCITYCHALLENGE GEONEPLAN



2023 - 2024

OPCC One Planet City Challenge

PROJECT PARTNERS

World Wildlife Fund - Philippines
World Wildlife Fund - Indonesia
CDP Asia Pacific
KOAKSI Indonesia

ABOUT THE PROJECT

The One Planet City Challenge (OPCC) is a biennial global challenge by the World Wide Fund for Nature (WWF) under its flagship One Planet Cities (OPC) program. This competition recognizes cities developing low-carbon solutions and helping advance global transition to a climate-resilient future. It also incentivizes cities to report their data, create cross-cutting climate actions, and make ambitious climate commitments in line with the Paris Agreement and the 1.5°C global temperature ceiling goal. Over 350 cities from 50 countries participated in this cycle.

PROJECT LOCATIONS



PHILIPPINES INDONESIA

15 cities and municipalities from Philippines
35 cities and municipalities from Indonesia

KEY PROJECT ACCOMPLISHMENTS IN 2024

- 

Fifteen (15) Philippine cities have reported to the CDP-ICLEI Track in 2023.
- 

Thirty-five (35) Indonesian cities and regions have reported to the CDP-ICLEI Track in 2023.
- 

Makati, Baguio, and Tagum were selected as the Philippine national finalists, with Makati emerging as the national winner.
- 

Probolinggo, Jakarta, and Pontianak were selected as the Indonesian national finalists, with Probolinggo emerging as the national winner.
- 

Dipolog City was dubbed as the Asia Regional Winner of the We Love Cities campaign, the citizen engagement arm of the OPCC.
- 

Probolinggo has once again won the global We Love Cities (WLC) 2024 campaign-competition, with the city also winning the same title in the previous 2022 cycle.
- 

Over 70 local officials from 35 Indonesian cities and regencies joined a collaborative GHG inventory training under WWF's One Planet City Challenge (OPCC) under OPCC program.

ONE PLANET GEONEPLAN ANETCITYCH

CITYCHALLENGE ETCITYONEPI A GEONE

PROJECT GALLERY



The OPCC awarding ceremony titled “Eco Echo” in Jakarta, Indonesia on 5 December 2024 featured a City Leaders Talk on Southeast Asian cities’ commitment to the Paris Agreement, with notable speakers including Acting Mayor M. Taufik Kurniawan of Probolinggo City; Acting Mayor Edi Suryanto of Pontianak; a representative from the Indonesian Ministry of Environment; Hon. Agripino Coquilla, City Counselor from Tagum City, Philippines; and environmental activist Nadine Chandrawinata.

Acting Mayor M. Taufik Kurniawan of Probolinggo City received the OPCC winner award, alongside representatives from Jakarta Province, Pontianak City, and Balikpapan City, who were also recognized for their sustainability efforts in the competition. These accolades were presented at the Beyond Wildlife for Indonesia: Eco Echo event in Jakarta on 5 December 2024.



Cities receiving the OPCC awards on 5 December 2024 in Jakarta, include Pontianak City, Probolinggo City, and Balikpapan City from Indonesia, Penang Island and Iskandar from Malaysia, and Baguio City and Tagum City from the Philippines.



Over 70 local government representatives from 35 cities and regencies across Indonesia participated in a collaborative GHG inventory training program jointly organized by ICLEI-Indonesia, WWF-Indonesia, Coaction Indonesia, and CDP Asia Pacific from 14 - 17 May 2024.





2024 - 2025

RENEW-SEA

Mobilizing and Empowering Subnational Governments in Southeast Asia for Sustainable Energy Transition

ABOUT THE PROJECT

This project focuses on empowering subnational governments in Southeast Asia—specifically in Indonesia, Malaysia, and Thailand—to lead the renewable energy transition. It will achieve this through three key action areas: raising awareness and ambition to foster local commitment, building targeted capacities to equip stakeholders with the necessary knowledge and skills, and providing policy support and advocacy to enable effective implementation. By addressing existing barriers and leveraging local innovation, the project aims to drive transformative actions that accelerate the adoption of renewable energy at the subnational level, contributing to a sustainable and inclusive energy transition.

PROJECT LOCATIONS



- Yogyakarta Province, Indonesia
- Chiang Mai Municipality, Thailand
- Hang Tuah Jaya, Malaysia
- Melaka State, Malaysia

PROJECT PARTNERS

Tara Climate Foundation

RENEWSEARCH

KEY PROJECT ACCOMPLISHMENTS IN 2024



An online launch event was held on 23 September 2024 attended by the deep-dive local governments and over 70 participants from all over the world.



Three knowledge product documents about crowdfunding, permitting, and sustainable public procurement were translated into Bahasa Indonesia to accommodate a broader audience for the KPs.



The memorandum of understanding between ICLEI Indonesia and the Governor of Yogyakarta Special Region was signed on 13 August 2024.



The Capacity Needs Assessment (CNA) was completed by analyzing the CNA questionnaires submitted by the energy agency and representatives from cities/regencies.



34 Yogyakarta, Hang Tuah Jaya, and Melaka government officials actively participated in an online serious games workshop on 4 December 2024. The workshop aimed to increase awareness and understanding of energy-related issues in their respective countries.



RENEWSEAARE WSEARENEW ARENEWSEA

PROJECT GALLERY



The RENEW Southeast Asia (SEA) project launch last 23 September 2024 via Zoom included a panel discussion on the topic, "Sustainable Energy Transition among SEA Local Governments." (In photo: from upper left, clockwise) Yustina Ika Kurniawati, Head of Yogyakarta Energy Division; Trinnowat Suwanprik, the Local Coordinator for the Chiang Mai Smart City initiative; Mae Valdez-Irong, ICLEI SEA Regional Program Manager; Nur Dalilah Binti Mohd Zamri, Energy Manager of Hang Tuah Jaya; and Hafizam Mustaffa, CEO of Melaka Green Technology Corporation.

Rohit Sen, Sustainable Energy Head of the ICLEI World Secretariat, gives an overview of the RENEW SEA project.

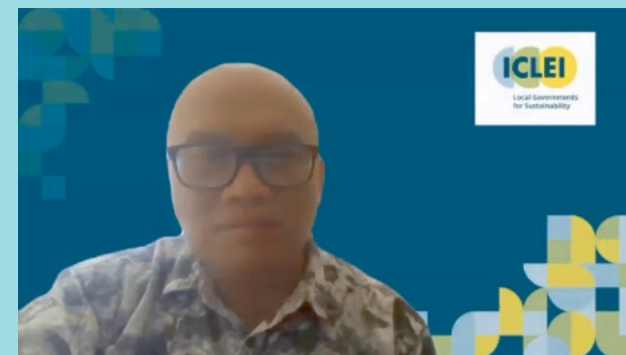


Datin Sapiah binti Haron, Hang Tuah Jaya Mayor and ICLEI Sustainable Energy Transition Portfolio Holder, delivers a commitment message to the RENEW SEA project.



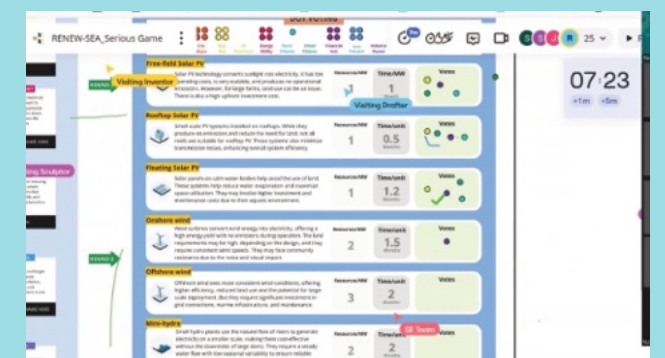
Anna Rina Herbranti, Head of the Yogyakarta Public Works, Housing, and Mineral Resources Energy Agency, delivers a commitment message to the RENEW SEA project on behalf of Sri Sultan Hamengku Buwono X, Governor of Yogyakarta, Indonesia.

Trinnawat Suwanprik, the Local Coordinator for the Chiang Mai Smart City initiative, reads the commitment message of Chiang Mai Mayor Assanee Buranupakorn to the RENEW SEA project.



Arif Wibowo, Country Manager of ICLEI Indonesia, delivers the closing remarks to wrap-up the project launch.

The regional serious games workshop not only facilitated a rich exchange of ideas and perspectives but also underscored the importance of enhancing engagement and cooperation among local governments in the region.





2024 - 2025

RE-Start

RE-Start Campaign Year 3

PROJECT PARTNERS

Oxfam Pilipinas

ABOUT THE PROJECT

Oxfam Pilipinas, partnering with ICLEI Southeast Asia, aims to promote a democratized approach to renewable energy integration in local development plans in Eastern Samar, focusing on fairness and inclusivity, especially for poor women and vulnerable communities. By supporting the provincial local government and engaging various stakeholders, the project aims to empower the province as a just energy transition leader, advocating for energy justice and inclusive development.

PROJECT LOCATIONS



Eastern Samar Province

Guiuan Municipality,

Borongan City

Dolores Municipality

RE-START
RE-START
RE-START

KEY PROJECT ACCOMPLISHMENTS IN 2024



On 3 September 2024, a mock meeting of the proposed members of the Just Energy Transition Multi-Stakeholder Committee (JETMSC) of Eastern Samar Province was held. It saw the Committee members' endorsement of the adoption of the Executive Order creating the JETMSC, the resolution creating the internal rules of procedures of the JETMSC, and the Proposed Renewable Energy Roadmap of Eastern Samar.



The Province of Eastern Samar passed the Executive Order creating the JETMSC last 18 December 2024.



The City of Borongan also passed an Executive Order creating their own JETMSC last 5 December 2024.



The Eastern Samar JETMSC members recommended for the Guiuan solar microgrid system as the project concept that shall be subjected to the technical assistance of the RE-Start Project. The technical assistance shall entail the conduct of pre-feasibility study and project proposal development, which will be submitted to the ICLEI Transformative Actions Program (TAP) for further development.



RE-START RE-START RE-START

PROJECT GALLERY



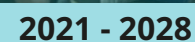
Stakeholders from various sectors of Eastern Samar province during their discussion of the proposed JETMSC and prioritization of renewable energy projects.

The stakeholders included Attorney Philip Evardone, Jr., Provincial Board Member and Chairperson of the Provincial Committee on Natural Resources, Environment Protection, and Energy (pictured speaking on the right); as well as representatives from other Provincial Offices; Eastern Samar Electric Cooperative; National Grid Corporation of the Philippines; Center for the Development of Indigenous Science and Technology, Inc. (SIKAT, Inc.); and Oxfam Pilipinas.



As part of the project, a proposal for a Solar Microgrid System for the Guiuan Public Market will be developed. Pictured here is the main public market.





Safe and Sound Cities

PROJECT PARTNERS

Global Infrastructure Basel (GIB) Foundation
Swiss Philanthropy Foundation
Fondation Botnar
World Resources Institute – Indonesia
Cordilleran Youth Center
WeSolve Foundation, Inc.

ABOUT THE PROJECT

S²Cities is a global programme aiming to improve the safety and well-being of young people in urban environments, with the support of local administration and stakeholders. By participating in the S²Cities programme, the cities supported in improving urban safety for the youth. The programme will also create exciting and new ways for city officials to engage with young people, and enable a better understanding of urban safety and what needs to be done to improve it. Through the programme, it envisions to create platforms for meaningful youth engagement in ideating and implementing solutions to safety and inclusivity challenges.

PROJECT LOCATIONS



PHILIPPINES INDONESIA

Bandung City,
Indonesia

Baguio City,
Philippines

Naga City,
Philippines

KEY PROJECT ACCOMPLISHMENTS IN 2024



Phase I extended to 31 December 2024 with impact grants for continued local implementation, with Phase II slated for another five years.



Innovation round 2 for Bandung, Indonesia completed with 3 winning youth initiatives.
Innovation round 1 completed in the Philippines with 7 winning youth initiatives



One learning event titled “Youthful Urban Futures: Empowering the Youth Towards Safer and Sounder Cities” conducted last March 2024 and attended by over 110 participants.



As part of S²Cities programme's advocacy and engagement component, ICLEI Southeast Asia exhibited select knowledge products and presented about the youth's role in sustainable urban development during the 8th Session of the Committee on Environment and Development (CED-8) at the United Nations Conference Center in Bangkok, Thailand.



Two case studies were developed: one for Baquio and one for Naga.



S²Cities was featured at the World Urban Forum (WUF12) in Cairo, Egypt.



One learning exchange between Baguio and Naga was conducted in February 2024.

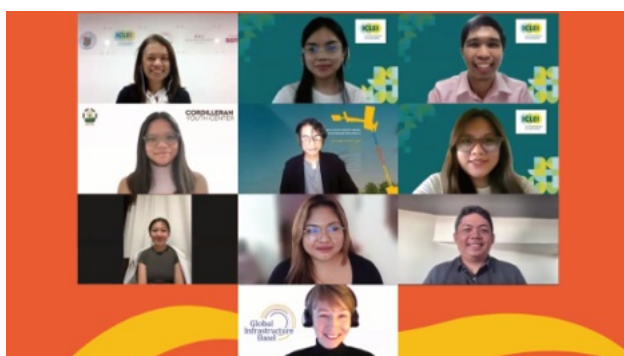
S²CITIES

PROJECT GALLERY



The stakeholders of the S²Cities programme after one of their learning exchange sessions in the Baguio SIGLAT Youth Innovation Hub on 29 February 2024.

Baguio (top) and Naga (bottom) local government officials and other stakeholders during their respective capacity-building activities led by the Cordilleran Youth Center and WeSolve Foundation, with the support of ICLEI Southeast Asia.



Panelists and organizers from the S²Cities programme partners, including representatives from the Global Infrastructure Basel Foundation, the youth sector and city governments of Baguio and Naga, Cordilleran Youth Center, WeSolve Foundation, and ICLEI Southeast Asia during the online event 8 March 2024 advocating for youth empowerment in urban development.



ICLEI SEA met with the Baguio City Government and the Cordilleran Youth Center to present the learnings from the S²Cities programme implementation in the Philippines at the SIGLAT Youth Innovation Hub in Baguio City last 14 November 2024.

ICLEI SEA met with representatives from key offices in Del Carmen, namely the Municipal Planning Department, Local Youth Development Office, Engineering Office, Municipal Environment and Natural Resources Office, and the Office of the Mayor, in a learning exchange about the S²Cities programme implementation in the Philippines, held at the Mayor's Office last 19 November 2024.



ICLEI SEA met with representatives from key stakeholders in Naga to present the learnings from the S²Cities programme implementation in the Philippines.

Knowledge products from the S²Cities programme were put on display at the United Nations Conference Center in Bangkok, Thailand during the 8th Session of the Committee on Environment and Development from 16 - 18 October 2024. ICLEI SEA also shared high-level outcomes from the SEA implementation of S²Cities during a side presentation at the UNCC Sustainability and Innovation Center.





2024 - 2027

SIRA

Enhancing Local Capacities in Socially Inclusive Resilience in Asia

PROJECT PARTNERS

UK Aid through the Foreign Commonwealth
and Development Office (FCDO)

International Development Research Centre
(IDRC), Canada

Climate Adaptation and Resilience Programme
(CLARE)

PROJECT LOCATIONS



18 cities and municipalities from Philippines

17 cities and municipalities from Nepal

15 cities and municipalities from Indonesia

16 cities and municipalities from Bangladesh

ABOUT THE PROJECT

This project proposes to identify the urgent needs of technical knowledge and capacity in local governments and climate practitioners to undertake climate action that is inclusive and sustainable, and address these needs through a systematic and phased capacity strengthening programme. The programme will include training events, peer exchanges and internships to strengthen technical capacity among local governments with a strong focus on women professionals in local planning and decision making.

KEY PROJECT ACCOMPLISHMENTS IN 2024



Launched the project in the four countries in Q2 and Q3 of 2024.



Key informant interviews and focus group discussions (FGDs) were conducted to help the team better craft the project design according to the felt needs and demands of the LGUs, national government agencies (NGAs), and other stakeholders.



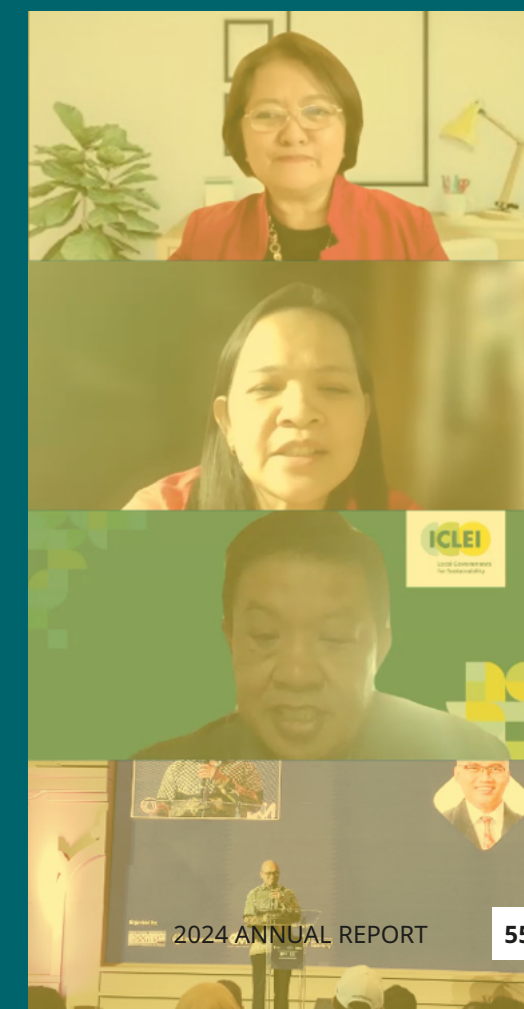
Project team members participated in capacity strengthening activities and events including topics of climate conscious cities, circular economy, and diplomacy hosted by the UN and USAID. Key project team members also participated in invaluable workshops such as the CLARE Climate Change Adaptation Workshop in Nepal, and the CLARE Gender Equality and Inclusion Workshop in Rwanda.



Prepared for the Call for Expressions of Interest for eventual cities to be part of the project.



Wrote and developed the following outputs:
Safeguarding Protocol; Consolidated Country
Needs Assessment; and Interim Report.



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PROJECT GALLERY



Vlad Ionescu, First Secretary for Development of the Embassy of Canada to the Philippines, during the Philippine launch of SIRA.

Lloyd Cameron, Economic and Climate Counselor of the British Embassy Manila, during the Philippine launch of SIRA.

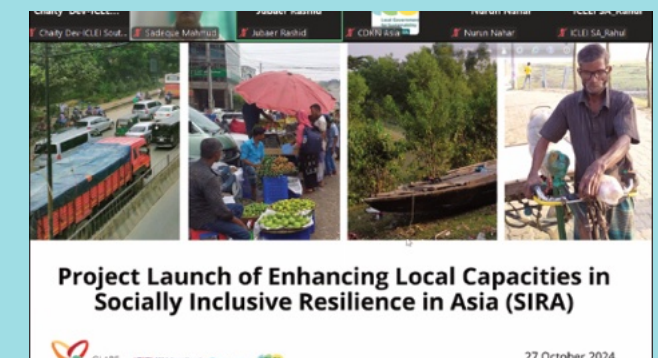


Arief Firiyanto from the Ministry of Home Affairs, Arif Wibowo from ICLEI Indonesia, Dr. Raditya Jati of the National Disaster Management Agency (BNPB), and Eka Widyastama from the National Commission on Disability during the launch ceremony of SIRA program on 14 September 2024.



ICLEI Indonesia hosted a panel discussion titled “Building Inclusivity in Climate Resilience at the City and Regency Level” during the Asia Disaster Management & Civil Protection Expo & Conference (ADEXCO) side event on 14 September 2024.

The “Enhancing Local Capacities in Socially Inclusive Resilience in Asia” (SIRA) Project was launched in Bangladesh with a workshop last 27 October 2024 via Zoom.



Marcus Davies, Political Counselor at the Canadian High Commission in Bangladesh, delivers a special address as a guest during the SIRA Project launch in Bangladesh, 27 October 2024 via Zoom.

More than 40 national and international stakeholders from Nepal discussed ways on how to strengthen local climate resilience in the country.



SPARKSPARK SPARKSPARK SPARKSPARK



2022 - 2025

SPARK

Sparking Active Mobility Actions for Climate-Friendly Cities

PROJECT PARTNERS

- Institute for Climate and Sustainable Cities (ICSC)
- German Federal Ministry of Economic Affairs and Climate Action (BMWK)
- German Federal Ministry of Environment, Nature Conservation and Nuclear Safety (BMUV)

PROJECT LOCATIONS



- Quezon City
- Pasig City

ABOUT THE PROJECT

Walking and cycling are often overlooked in city planning despite their growing importance as the most affordable, resilient, and clean form of transport. The “Sparking active mobility actions for climate-friendly cities” project aims to promote active mobility strategies, policies and practices contributing to avoiding greenhouse gas emissions, improving safe connectivity in cities, and promoting climate-friendly mobility behavior in the Philippines.

KEY PROJECT ACCOMPLISHMENTS IN 2024



Completed walkability and cyclability assessments for Maginhawa Street, Quezon City, and A. Mabini, Pasig City



Tactical urbanism pilot intervention along Maginhawa Street, Quezon City was officially launched on 7 December 2024.



Delegates under the SPARK Project also attended the 12th Session of the World Urban Forum held in Cairo, Egypt.



SPARKSPARK PARKSPARKS ARKSPARKS

PROJECT GALLERY



The City Government Staff of Pasig City participate in the evaluation of the local walkability and cyclability through a self-assessment scorecard.

A focus group discussion with various groups from the Maginhawa community was held on 14 May 2024.



Project volunteers simulate the walking journey of visually-impaired individuals along Maginhawa Street.



Members of the Quezon City Government present a mind-map of their preferred active mobility interventions for Maginhawa, together with a map that highlights the ideal location of such interventions.

Residents of A. Mabini in Pasig City identify the key areas where they would like to see improvements in walking and cycling.



Volunteers during the tactical urbanism project implementation in Maginhawa Street, Quezon City (Photo courtesy of ICSC).

Launching of the Maginhawa Street tactical urbanism intervention attended by representatives from the barangay council, ICLEI, and ICSC.





2021 - 2025

Urban Article 6

Urban Climate Action: Pilot Project Under Article 6 of the Paris Agreement

ABOUT THE PROJECT

This project aims to assist Yogyakarta City, Indonesia to develop projects that will be ready to generate carbon credit under Article 6.2 of the Paris Agreement, or the Internationally Transferred Mitigation Outcomes (ITMO). ICLEI envisions the ITMO mechanism as a new approach to be used as an alternative and innovative financing mechanism to fund local climate action initiatives. The project helps the city understand the ITMO mechanism and prepare all the requirements to make a ready-to-generate ITMO project, such as calculating the greenhouse gas emissions reduction of the proposed projects, analyzing the proposed projects' alignment to Indonesia's Nationally Determined Contribution, and ensuring the environmental integrity of the proposed projects to be eligible in claiming carbon credit per the Paris Agreement.

PROJECT LOCATIONS



Yogyakarta City
Bantul Regency
Sleman Regency
Yogyakarta Province

PROJECT PARTNERS

German Federal Ministry for Environment,
Nature Conservation, and Nuclear Safety
(BMU)

Perspectives Climate Group GmbH

KEY PROJECT ACCOMPLISHMENTS IN 2024



In Indonesia, two sectors have been identified as the priority sectors which are the waste and transportation sectors. The project is implemented in Yogyakarta City, upscaled to Sleman and Bantul for the waste sector and Yogyakarta Province for the transportation sector.



Perspectives Climate Research, ICLEI Indonesia Office, and ICLEI World Secretariat finalized the Mitigation Activity Idea Note (MAIN) and financing concept documents for both sectors as the reference in setting up the pilots.



ICLEI Indonesia Office, in collaboration with Perspectives Climate Research, organized the final workshop on 5 - 6 November 2024 to present the final concept of the pilot activities and conduct capacity-building sessions on the concept of Article 6 of the Paris Agreement to the Yogyakarta City and Provincial Governments.



Additionally, the project has launched a website at <https://www.urbanarticle6.com>, providing activities, updates, and project information for the public.



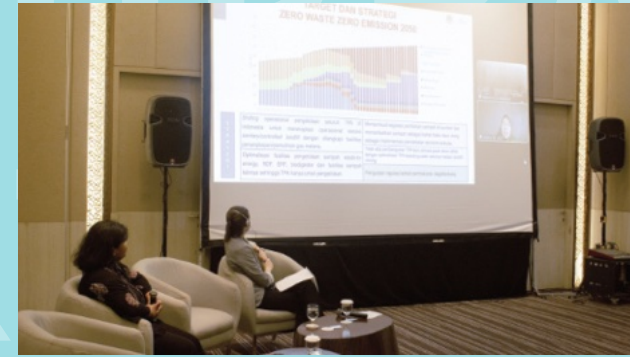
Putur Purwandono, Acting Head of the Economics and Cooperation Division of Yogyakarta City, is seen delivering welcoming remarks during Day 1 of the workshop on 5 November 2024.



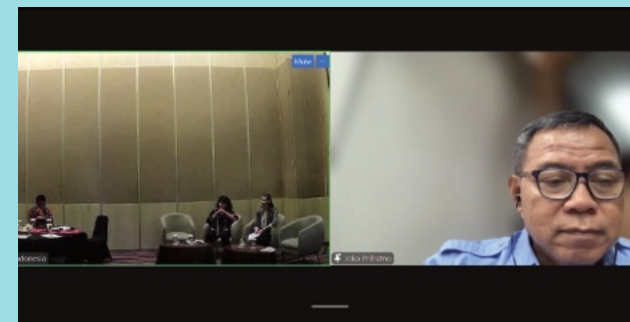
The image shows a woman standing on a stage, presenting. Behind her is a large projection screen displaying a presentation titled "International carbon markets under Article 6". The presentation content includes:

- Article 6: International carbon markets under Article 6**
 - Article 6 offers various opportunities for generating income and reducing emissions
 - Paris Agreement, Creating High Quality (HQP) units, etc.
- Article 6.2: Cooperative approaches**
 - Between two or more parties, on the basis of bilateral agreements
 - Cooperate and coordinate efforts to enhance climate change mitigation and sustainable development
 - Requires approval, but meeting requirements
- Article 6.4: Internationally government or programme that issues carbon credits**
 - Article 6.4 Commission: Multi-party expert institution to oversee Article 6.4 activities
 - Open to all countries
 - Subject to international rules by Article 6.4 Supervisory Body
 - Not yet fully operational

At the bottom of the screen, there is a row of icons representing various topics or categories.



Kelik from the Yogyakarta Trade Agency (Dinas Perdagangan) explains Giwangan Market's organic waste issue to Arif Wibowo, Selamet Daroyini, and Femme Sihite from ICLEI Indonesia, along with Erin Danford from Climate Perspectives, during a site visit to Pasar Giwangan on 6 September 2024.



Day 1 in-person attendees include key stakeholders from Yogyakarta government agencies such as the Environment Agency (Dinas Lingkungan Hidup), Trade Agency (Dinas Perdagangan), the Indonesian Young Entrepreneurs Association (HIPMI), as well as consultants and NGOs.





2020 - 2025

Urban Shift

Sustainable Cities Impact Program

PROJECT PARTNERS

United Nations Environment Programme

World Resources Institute

C40 Cities

World Bank

Ministry of National Development Planning of Indonesia (BAPPENAS)

ABOUT THE PROJECT

UrbanShift is funded by the Global Environment Facility (GEF) and led by the United Nations Environment Programme (UNEP). UrbanShift supports cities in Asia, Africa, and Latin America to adopt integrated approaches to urban development, shaping a resilient, inclusive low-carbon future. There are 3 components of the project: (1) Support for sustainable, integrated urban planning, policy reform, investments, and innovative financing and scaling-up; (2) Global Platform for knowledge management, exchange, and program coordination; and (3) Advocacy, awareness raising, and partnership and governance, monitoring, and evaluation.

PROJECT LOCATIONS



DKI Jakarta

Bitung City

Semarang City

Palembang City

Balikpapan City

URBANSHIFT

URBANSHIFT

URBANSHIFT

KEY PROJECT ACCOMPLISHMENTS IN 2024



Conducted the UrbanShift Energy Finance Academy in Jakarta on 10 – 12 July 2024. Energy Finance Academies are intensive 3-day workshops that bring city officials together with leading financial and technical experts to address a financing challenge for cities related to the deployment of energy efficiency measures.



Conducted the UrbanShift Indonesia City Academy in Jakarta on 27 – 29 August 2024. The UrbanShift City Academies provide training opportunities for city-level decision-makers and practitioners, consisting of seven courses focused on key integrated planning themes. The three day session combined presentations and interactive exercises with the sharing of best practices on topics such as the circular economy and nature-based solutions.



Conducted the UrbanShift Peer Exchange during the Shenzhen Low Carbon City Forum in Shenzhen, China on 28 – 30 October 2024. Participants learned about innovative integrated urban development solutions in practice.



Participated in the 3rd UrbanShift Steering Committee Meeting on 26 November 2024.



URBANSHIFT

URBANSHIFT

URBANSHIFT

PROJECT GALLERY



The Seventh UrbanShift City Academy was held in Jakarta, Indonesia, from 27 - 29 August 2024. Indonesia, as one of the UrbanShift GEF-7 countries, will offer a different City Academy learning experience, considering its diverse social and economic characteristics and its vulnerability to disasters and climate change. As a result, peer city officials in Indonesia will focus more on Low Carbon and Climate Resilient Development in supporting the achievement of Indonesia's NDC target. More than 124 participants attended from 5 countries, including from Indonesia, Philippines, Malaysia, India, and China.

The participants of the UrbanShift Indonesia City Academy visited Tebet Eco Park in Jakarta as part of the event agenda. Initiated by the Governor of Jakarta, Tebet Eco Park stands out as a pioneering urban green space that addresses the city's environmental challenges through innovative design and community engagement. Revitalized in 2022, this 7.3-hectare park integrates ecological restoration with public amenities, serving as a model for sustainable urban development.



Participants of the "Symposium on Climate Neutral Cities and City-Business Collaboration" hosted by the ICLEI East Asia Secretariat as part of the 12th session of the Shenzhen International Low Carbon City Forum last 29 October 2024 at the Shenzhen International Low Carbon City, China (Photo from the 2024 Shenzhen International Low Carbon City Forum).



Ricardo Marfiga Jr., Membership, Governance, and Circular Economy Manager of ICLEI SEA Secretariat, at the Symposium on Climate Neutral Cities and City-Business Collaboration, held during the 12th session of the Shenzhen International Low Carbon City Forum last 29 October 2024, at the Shenzhen International Low Carbon City, China (Photo from the 2024 Shenzhen International Low Carbon City Forum).

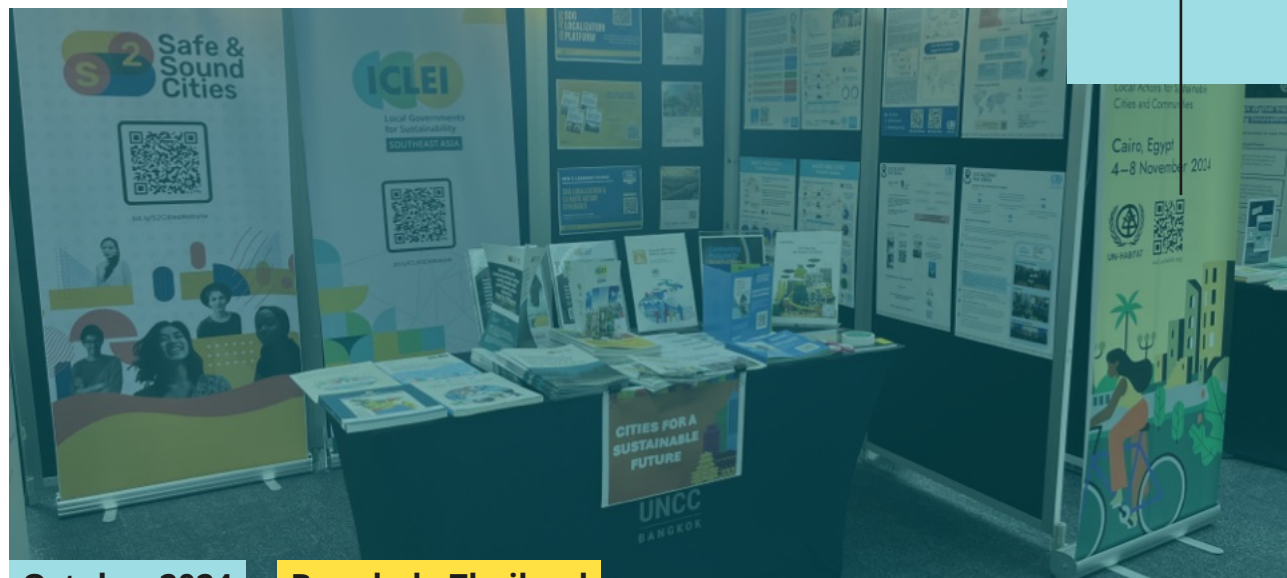
Participants of the Symposium on Climate Neutral Cities and City-Business Collaboration engage in discussions on their best practices and exchanged insights on low-carbon development last 29 October 2024 at the Shenzhen International Low Carbon City, China (Photo from the 2024 Shenzhen International Low Carbon City Forum).



Participants of the UrbanShift peer exchange, including Ricardo Marfiga Jr. (rightmost), Membership, Governance, and Circular Economy Manager of ICLEI SEA Secretariat, gather for a photo during the event's first day on 28 October 2024 at the Shenzhen International Low Carbon City, China (Photo from UrbanShift).



OTHER ACTIVITIES IN 2024



October 2024 Bangkok, Thailand

8th Session of the Committee on Environment and Development

ABOUT THE ENGAGEMENT

The Committee on Environment and Development (CED) is an intergovernmental body of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP). It is convened every two years to review regional trends, identify priorities for action, promote dialogue, consider common regional positions and promote a collaborative approach to addressing the development challenges of the region between Governments and civil society, the private sector and the UN System and other international organizations. The CED provides recommendations to the Commission as a body – made up of 53 members and 9 associate members.

ENGAGEMENT PARTNERS

United Nations Economic and Social Commission for Asia and the Pacific

KEY HIGHLIGHTS

- As part of the Safe and Sound Cities programme's advocacy and engagement component, ICLEI Southeast Asia through its Communications Team exhibited select S²Cities knowledge products.
- Communications Head Chris Hidalgo also presented about the youth's role in sustainable urban development at the CED-8's Engagement Space.



July 2024 Quezon City, Philippines

10-million Solar Rooftops Challenge

ABOUT THE ENGAGEMENT

Organized by the Center for Energy, Ecology, and Development (CEED), a Philippine think-do organization, the challenge encourages individuals, households, businesses, government bodies, organizations, schools, establishments, churches, offices, and local and national government units and agencies to support the achievement of the 10-million target. At a conservative estimated capacity of 1kW per installed system, establishing 10-million solarized rooftops would yield a potential 10GW or over a third of the Philippines' total current installed capacity.

ENGAGEMENT PARTNERS

Center for Energy, Ecology, and Development

KEY HIGHLIGHTS

- Attended by over 150 representatives from the national government, local government units, non-profit organizations, civil society, people's organizations, academe, and the youth.
- ICLEI Southeast Asia served as a campaign co-convenor and endorser.
- The ICLEI Southeast Asia Communications Team supported the conduct of the program launch, with Communications Head, Chris Hidalgo, co-moderating a high-level panel session titled "Raising Renewable Energy Ambitions for a 1.5C-Aligned Philippine Power Sector."





12th World Urban Forum

ABOUT THE ENGAGEMENT

The 12th World Urban Forum (WUF) focused on localizing the Sustainable Development Goals, shedding light on the local actions and initiatives required to curb the current global challenges affecting the daily life of people, including unaffordable housing, rising living costs, climate change, the lack of basic services, and ongoing conflicts.



KEY HIGHLIGHTS

- ICLEI Southeast Asia supported the participation of the Safe and Sound Cities programme in WUF12 to advocate for youth-inclusive urban policies and showcase the impact of youth engagement in urban development.
- The program presented insights from Phase I (2021–2024), highlighting trust-building, youth empowerment in decision-making, inclusive public space policies, and digital tools for leadership.
- Youth speakers from the project cities in the Philippines and Indonesia shared their initiatives, and partners joined five sessions focused on youth empowerment and shaping urban futures.

- ICLEI Southeast Asia supported the facilitation of South-South Exchanges between Cairo, Egypt and Quezon City, Philippines pertaining to active mobility initiatives.
- ICLEI Southeast Asia supported the launch of the Walkability and Cyclability Assessment Tool to the global urbanism audience, in line with the main launch of the Pan African Action Plan for Active Mobility (PAAPAM).



Asia-Pacific Ministerial Conference on Disaster Risk Reduction

ABOUT THE ENGAGEMENT

The Asia-Pacific Ministerial Conference on Disaster Risk Reduction provided an important opportunity to review risk reduction efforts, share innovative solutions, and make actionable commitments to accelerate disaster risk reduction by 2030 in the world's most disaster-prone region. With the theme, "Surge to 2030: Enhancing ambition in Asia-Pacific to accelerate disaster risk reduction," the Conference focused on three thematic pillars: "Practical solutions to enhance disaster risk reduction financing"; "Leaving no one behind: gender responsive and inclusive disaster risk governance"; and "Localization and urban and rural resilience."

ENGAGEMENT PARTNERS

Philippine Government
United Nations Office for Disaster Risk Reduction

KEY HIGHLIGHTS

- During the Conference, leaders and representatives of local and regional governments in attendance gathered for the Local and Regional Government Assembly, which resulted in a Joint Statement of Local and Regional Governments to the Asia-Pacific Ministerial Conference on Disaster Risk Reduction 2024.
- ICLEI SEA Project Staff attended the conference.





Beyond the bin: Circular solutions for urban waste in Southeast Asian cities

ABOUT THE ENGAGEMENT

Organized by ICLEI Southeast Asia for the Daring Cities 2024 Virtual Forum series, the online event showcased the best practices of Southeast Asian local governments in addressing urban waste, showing that solutions can go beyond mere waste management and in the process, creating local circular policies and actions that foster inclusive sustainable development for both human and natural systems.



KEY HIGHLIGHTS

- 314 attendees from local governments, national governments, private sector, academe, non-profits, and civil society organizations.
- Featured cities included Baguio City, Quezon City, and Pasig City from the Philippines; Bogor City from Indonesia; and Seberang Perai from Malaysia.
- The cities' best practices highlighted the need for collaborative action among multiple levels of governance, different offices within a local government, and diverse groups of stakeholders in urban areas.



Indonesia Urban Resilience Forum

ABOUT THE ENGAGEMENT

The Indonesia Urban Resilience Forum brought together over 150 national and international participants, including mayors, development partners, and experts, to engage in strategic discussions on enhancing urban resilience in Indonesia. The Indonesia Urban Resilience Forum offered a key platform to understand Indonesia's urban resilience landscape, showcase lessons from various initiatives, identify priority support areas, and explore financing opportunities for cities.

ENGAGEMENT PARTNERS

Indonesian Ministry of National Development Planning (BAPPENAS)
Asian Development Bank
United Kingdom Foreign, Commonwealth, and Development Office (UK FCDO)

KEY HIGHLIGHTS

- Over 150 international, national, regional, and city-level decision-makers and development partners, including representatives from 14 cities attended.
- This forum was co-organized by ICLEI Indonesia as a knowledge partner, ensuring that sub-national engagement was integrated into the transformative discussions around urban resilience in Indonesia.
- The forum has displayed urban resilience exhibition showcasing project best practices from Indonesian cities.





November 2024 Pasay City, Philippines

International Conference in Urban and Regional Planning

ABOUT THE ENGAGEMENT

The University of the Philippines School of Urban and Regional Planning's International Conference in Urban and Regional Planning (ICURP) provides a platform for the sharing and exchange of knowledge, lessons learned, and experiences in order to leverage smarter processes, technologies, and innovation in cities towards a better quality of life. By highlighting good practices of various countries and cities, it is hoped that these examples could serve as a guide to strengthening the frameworks, approaches and practices of other cities. The conference is also intended as a venue for the strengthening of international, regional, and local networks, further promoting smarter cities as part of a campaign.

ENGAGEMENT PARTNERS

University of the Philippines - Diliman School of Urban and Regional Planning

KEY HIGHLIGHTS

- ICLEI Southeast Asia, through its Regional Program Manager, Mae Valdez-Irong, served as a reactor during the panel discussion "Urban Spaces, Lifelong Places: Cultivating Continuous Learning in Cities."
- Hon. Abigail Binay, then Mayor of Makati City, Philippines, ICLEI Southeast Asia Representative to the ICLEI Global Executive Committee, and Chair of the ICLEI Innovative Finance Portfolio also served as a panelist during the same session.



October 2024 Shenzhen, China

Shenzhen International Low Carbon City Forum

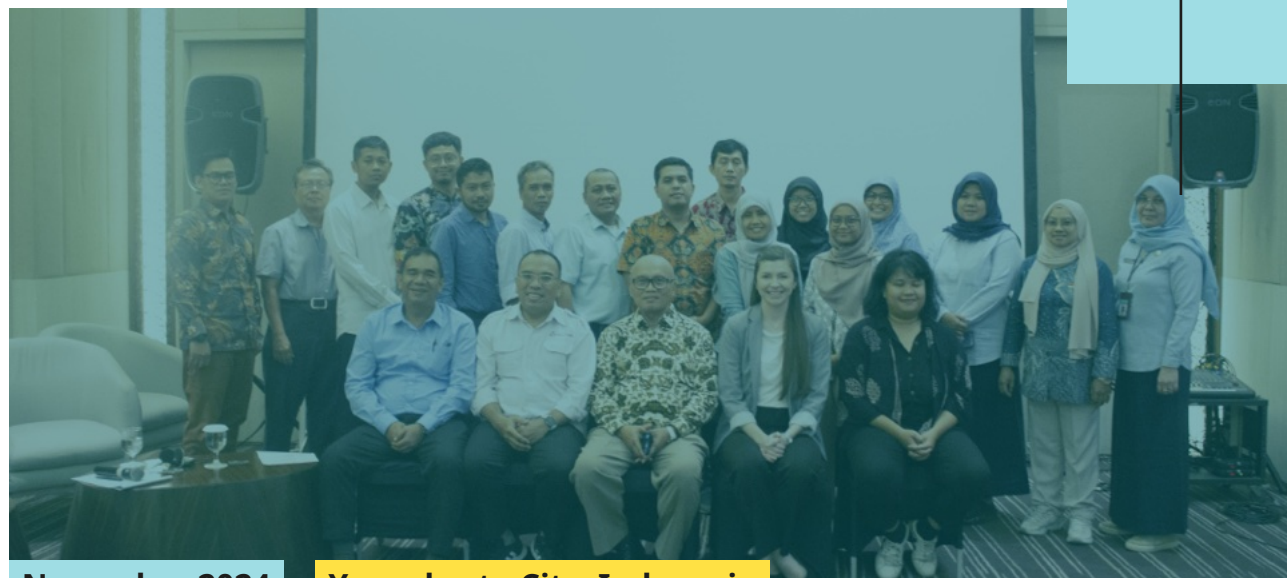
ABOUT THE ENGAGEMENT

The Shenzhen International Low Carbon City Forum was established in June 2013 and has become an international platform for disseminating the concept of green development, showcasing the determination and effectiveness of national carbon peaking and carbon neutrality through Shenzhen, and promoting practical cooperation among all parties.

KEY HIGHLIGHTS

- Four Southeast Asian cities shared best practices in low-carbon development in the "Symposium on Climate Neutral Cities and City-Business Collaboration" held during the forum.
- ICLEI Southeast Asia, through its Membership, Governance, and Circular Economy Manager, moderated the discussion on "Green Infrastructure and Circular Economy" during the symposium.





November 2024

Yogyakarta City, Indonesia

Urban Article 6 – Final Workshop

ABOUT THE ENGAGEMENT

This culminating activity for the Urban Article 6 Project aimed to help local governments and stakeholders deepen their understanding of carbon trading mechanisms from greenhouse gas emission (GHG) reduction activities in alignment with the Indonesian regulatory framework.

ENGAGEMENT PARTNERS

German Federal Ministry for Environment, Nature Conservation, and Nuclear Safety (BMU)

Perspectives Climate Group GmbH

KEY HIGHLIGHTS

- The workshop brought together over 30 key stakeholders—both in-person and online—from local government agencies, national ministries, and private sectors.
- The proposed Article 6 mitigation project will implement biodigester technology to collect organic waste from traditional markets in Yogyakarta, Sleman, and Bantul (Kartamantul area) and build a biogas facility to process it into electricity.



Photo courtesy of the CGIAR Resilient Cities Initiative

November 2024

Quezon City, Philippines

Urban Food Systems Policy Forum

ABOUT THE ENGAGEMENT

The forum gathered local and national government officials, urban food systems experts, civil society and community leaders, and the private sector represented by urban food vendors and producers to share insights, experiences, and innovative solutions to build resilient and sustainable food systems in urban areas.

ENGAGEMENT PARTNERS

Local Government of Quezon City

CGIAR's Resilient Cities Initiative (RCI)

KEY HIGHLIGHTS

- ICLEI Southeast Asia, through its Regional Program Manager, Mae Valdez-Irong, served as a panelist on the topic, "How Can Food Systems Researchers, Development Specialists, and City Networks Contribute to Building More Resilient Food Systems?"
- ICLEI's experience in facilitating city-to-city learning and collaboration, particularly in sustainable food systems through the CityFood Program, was highlighted during the forum.



Photo courtesy of the CGIAR Resilient Cities Initiative



PUBLICATIONS AND KNOWLEDGE PRODUCTS



ICLEI
Local Governments
for Sustainability
SOUTHEAST ASIA

Municipality of Del Carmen, Philippines

Enhancing climate change resilience of coastal communities in Del Carmen: Mangrove restoration and beyond

From the possibility of total loss, Del Carmen has managed to restore its mangrove forest which now serves as a barrier to storm surges and provides a healthy marine ecosystem, increasing the communities' overall climate change resilience. However, the destruction wrought by Typhoon Odette in 2021 showed that their efforts are not enough, and Del Carmen is now implementing additional measures to heighten its adaptive capacities.

Enhancing Climate Change Resilience of Coastal Communities in Del Carmen: Mangrove Restoration and Beyond

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<https://tinyurl.com/24ICLEISEADelCarmenMangrove>



ICLEI
Local Governments
for Sustainability
SOUTHEAST ASIA

Participatory Local Energy Planning and Implementation: Lessons Learned

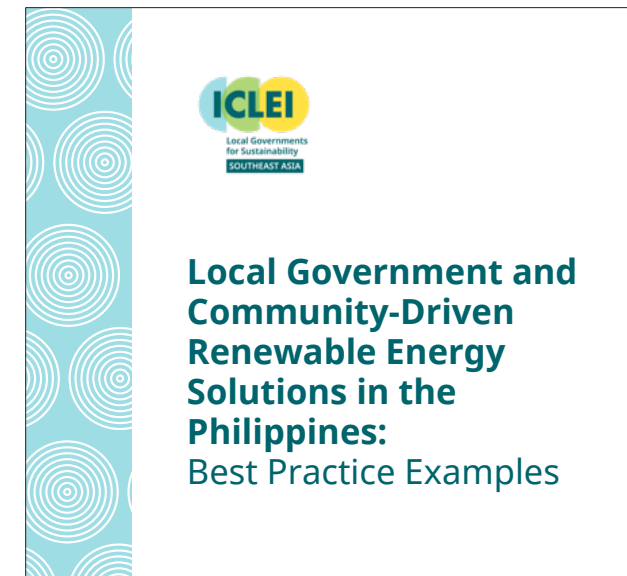
Participatory Local Energy Planning and Implementation: Lessons Learned

Participatory local energy planning and implementation is a collaborative approach that involves community members in the decision-making process for energy projects and policies. This method aims to ensure that the energy solutions developed are tailored to the specific needs and preferences of the local community by collaborating with them in the decision-making process.

This compendium of lessons learned from examples of participatory local energy planning and implementation in the Philippines draws practical insights from community-based renewable energy systems and participatory planning and development.



<https://tinyurl.com/24ICLEISEAParticipatoryRE>



ICLEI
Local Governments
for Sustainability
SOUTHEAST ASIA

Local Government and Community-Driven Renewable Energy Solutions in the Philippines: Best Practice Examples

Local Government and Community-Driven Renewable Energy Solutions in the Philippines: Best Practice Examples

This publication highlights how local governments and communities in the Philippines are leading renewable energy initiatives that respond to local needs. It showcases practical, community-driven solutions that improve energy access—especially in off-grid and underserved areas—while promoting inclusive decision-making, sustainability, and local ownership. The goal is to inspire replication by sharing real examples that demonstrate what's possible when local actors take the lead in the energy transition.



<https://tinyurl.com/24ICLEISEALocalREBestPractice>



PETA JALAN
100% ENERGI TERBARUKAN

Provinsi Nusa Tenggara Barat, Indonesia

ICLEI
Local Governments
for Sustainability

100% RENEWABLES CITIES & REGIONS ROADMAP

Supported by:
Global Alliance for Sustainable Cities and Regions
IKI INTERNATIONAL KAMPUS INOVASI

100% Renewables Roadmap for West Nusa Tenggara, Indonesia (Bahasa)

The Province of West Nusa Tenggara, along with ICLEI Indonesia, ICLEI Southeast Asia, and the ICLEI World Secretariat, developed the Province's 100% Renewables Roadmap.

West Nusa Tenggara prioritized socio-economic development, and its vision for 100% renewable energy includes a greener industry and power system. It aims to integrate renewables into transport and household energy use, working simultaneously to improve the Province's energy security across multiple dimensions.



<https://tinyurl.com/24ICLEISEAS100REWNTRoadmap>

WEST NUSA TENGGARA
CLEAN ENERGY SOLUTIONS AND INITIATIVES IN ARCHIPELAGIC ELECTRIFICATION

West Nusa Tenggara Province, Indonesia: Facts and figures

Population	5,473,700 (2020)
Total area	20,124.48 km ²
Regional Budget	IDR 6,12 trillion (2023, ESDM)

Figure 1: Map of Province of West Nusa Tenggara, Indonesia
Source: Google Map Satellite, 2021

West Nusa Tenggara: Clean Energy Solutions and Initiatives in Archipelagic Electrification

The West Nusa Tenggara (WNT) province comprises of the two main islands of Lombok and Sumbawa. Its ambitious plans to reach 100% renewable energy and net-zero emissions by mid-century must contend with the fact that it is an archipelago, which brings with it unique challenges. All islands in the province, big and small, must be included in any energy transition.



<https://tinyurl.com/24ICLEISEAWNTCaseStudy2>

REKOMENDASI KEBIJAKAN DAERAH

Dalam Mendukung Visi 100% Energi Terbarukan di Provinsi Nusa Tenggara Barat, Indonesia

Local Policy Recommendations for West Nusa Tenggara Province, Indonesia

The Local Policy Recommendations for West Nusa Tenggara are meant to complement its 100% Renewables Roadmap, providing recommendations for bridging gaps in policies in order to help realize WNT's 100% renewable energy vision.



<https://tinyurl.com/24ICLEISEAWNTLPR>

WEST NUSA TENGGARA
MULTI-LEVEL AND MULTI-SECTORAL ENGAGEMENT TOWARD 100% RENEWABLE ENERGY TRANSITION

West Nusa Tenggara Province, Indonesia: Facts and figures

Population	5,473,700 (2020)
Total area	20,124.48 km ²
Regional Budget	IDR 6,12 trillion (2023, ESDM)

Figure 1: Map of Province of West Nusa Tenggara, Indonesia
Source: Google Map Data, 2024

West Nusa Tenggara: Multi-level And Multi-sectoral Engagement Toward 100% Renewable Energy Transition

This case study highlights how West Nusa Tenggara, an island province in Indonesia, is planning a full transition to 100% renewable energy by 2040 and net-zero emissions by 2050. It shows how local leadership, supported by data, partnerships, and community engagement, can create a clear and inclusive roadmap for clean energy. The aim is to offer a practical reference for other regions with similar challenges in electrification, geography, and fossil fuel dependence.



<https://tinyurl.com/24ICLEISEAWNTCaseStudy1>

REKOMENDASI KEBIJAKAN NASIONAL

Untuk Transisi 100% Energi Terbarukan Subnasional di Indonesia

Disusun oleh:
Perkumpulan Pusat Studi Energi Terbarukan Indonesia
Pusat Studi Energi Terbarukan Indonesia (ICRES)

National Policy Recommendations for Indonesia

The National Policy Recommendations for Indonesia are meant to provide a set of recommendations to the national government of Indonesia on the theme of how it can enable the renewable energy transition at the subnational level. It draws on lessons learned from the 100% Renewables Cities and Regions Roadmap project.



<https://tinyurl.com/24ICLEISEAWNTNPR>



Enhancing the Understanding of Urban Safety Issues with Participatory Action Research in Naga City, Philippines



Enhancing the Understanding of Urban Safety Issues with Participatory Action Research in Naga City, Philippines

The local government of Naga City in Camarines Sur, Philippines is ready to address urban safety issues, but there is a lack of contextualized data to fully understand an issue as layered as safety. Safety challenges are also unique to each city and demographic, so there is a need for localized data and evidence before tailor-fit solutions can be planned and implemented. In their implementation of the Safe and Sound Cities (S²Cities) Programme in Naga City, the WeSolve Foundation, Inc. utilized a Participatory Action Research (PAR) approach to meet the city's need for a more holistic understanding of communities affected by safety issues, while also enabling the local youth to lead the way in identifying, understanding, and innovating solutions for these issues.



<https://tinyurl.com/24ICLEISEAS2CNaga>



Providing a platform for youth innovation & empowerment towards a safe & sound city: the case of Baguio City, Philippines



Providing a Platform for Youth Innovation & Empowerment Towards a Safe & Sound City: the Case of Baguio City, Philippines

The youth's role in shaping safe and livable cities cannot be overstated. Baguio City's SIGLAT Youth Innovation Hub demonstrates how empowering young people through co-design, capacity-building, and partnership can lead to meaningful urban development outcomes related to safety and well-being. By providing platforms for youth engagement, such as innovation spaces and direct involvement in urban planning processes, cities can harness the creativity, energy, and fresh perspectives of young people. This not only fosters safer urban environments but also ensures that future generations are active stewards of their own communities.



<https://tinyurl.com/24ICLEISEAS2CBaguio>

URBAN
SH/FT

TRANSFORMING CITIES FOR PEOPLE AND PLANET

Annual Report
2023-2024



UrbanShift Annual Report 2023-2024

UrbanShift's fourth year precipitated tremendous progress across the network of 23 cities as they advance sustainable solutions, and powerful calls to accelerate the flows of finance to cities so they can continue this transformational work. The 2023-2024 UrbanShift Annual Report spans a robust year of capacity-building and on-the-ground transformation, highlighting everything from the UrbanShift Latin America Forum in Belém, Brazil to innovative urban ideas like bioeconomies and people-centered resilience strategies. Featuring voices from across the network and stories of progress and transformation, the program's penultimate Annual Report for UrbanShift provides a comprehensive overview of how UrbanShift is accelerating urban resilience and sustainability.



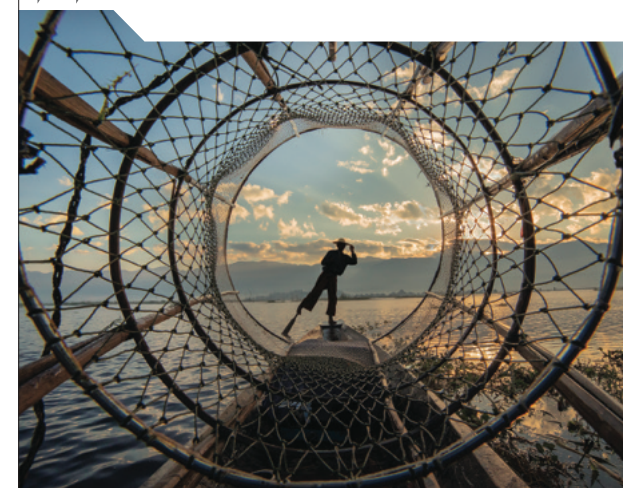
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OECD Urban Studies

The Blue Economy in Cities and Regions

A TERRITORIAL APPROACH



OECD

The Blue Economy in Cities and Regions: A Territorial Approach

Building on a global survey of 80+ cities, regions and basins, this report highlights the costs and benefits of the blue economy at subnational level, shedding light on the link between the blue economy and water security. This analysis provides an overview of the multi-level governance of the blue economy and related gaps. It calls on cities and regions to develop resilient, inclusive, sustainable and circular (RISC-proof) blue economies by establishing the right governance conditions related to policy making, policy coherence and policy implementation. The report concludes with a RISC Assessment Framework that offers a self-evaluation tool for subnational governments.



<https://tinyurl.com/24ICLEISEABlueEconomy>

TRADUÇÃO
TRANSLATION
TRADUCCIÓN

SALA
STAGE **6**

Por. | Canal 16
Eng. | Channel 17
Esp. | Canal 18

Congresso Mundial ICLEI
ICLEI World Congress
Congreso Mundial ICLEI
São Paulo, Brasil - 2024

Do Global ao Local e ao Global
From Global to Local to Global
De lo Global a lo Local a lo Global



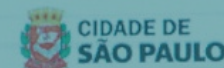
Apoio



Co-realização



Realização



Congresso Mundial ICLEI
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Congreso Mundial ICLEI
São Paulo, Brasil - 2024



MEMBER FEATURES



Bandung City, Indonesia

Co-creating an Ideal City for the Youth in Bandung

Bandung City in West Java, Indonesia, is collaborating with its youth to make the city more sustainable through the development of youth-driven policies, public spaces, and programs.

Former Bandung City Mayor Yana Mulyana said she is optimistic that collaboration between the local government and the youth will allow Bandung City to grow better and progress more quickly.

“We invite all young people to work together to overcome these challenges. The government cannot solve problems on its own, so it must work with and collaborate with the youth,” said Mulyana.

Bandung, which was awarded the title of “Youth-Friendly City” in 2016 by the Indonesian Ministry of Youth and Sports, has been committed to providing budgets, policies, facilities, programs, creative, and inclusive spaces that directly benefit the youth.

Youth-focused Policies in the City

The Bandung City government issued Regional Regulation Number 1 of 2016, which aims to enhance the capacity of the city's youth through various initiatives. One initiative, for example, aims to encourage innovation among the youth through a program implemented at the sub-district level. With this, the sub-district government plays a more active role in developing youth programs, empowering them, and encouraging them towards positive work.

During the Youth Pledge Day last October 28, 2022, the Bandung City government recognized five sub-districts in the city as “Youth-Friendly Districts,” namely Rancasari, Sumur Bandung, Cibeunying Kidul, Astana Anyar, and Cicendo.

“This award demonstrates the [Bandung City] government's collaboration with the youth at the local level. Many activities can be supported by the youth development program in Bandung. This will allow us to synergize with related agencies,” Mulyana explained.

Eric Mohamad Atthauriq, Bandung City Assistant for Economy and Development said that Bandung had implemented a number of programs aimed at youth organizations, communities, and individuals.

“In order for young people to be enthusiastic in activities, several things are required, including providing a positive platform for them,” said Atthauriq.

To maximize youth participation in various sectors, Bandung's youth regulation is expected to work in cooperation with regional and national youth development initiatives. This follows the Presidential Regulation Number 43 of 2022 concerning the coordination of cross-sectoral youth services, issued by the Indonesian government in recognition of the important and strategic role of developing the youth as future leaders of the country.

Establishing Youth Spaces

Bandung also provides facilities for its youth to share ideas and develop relevant programs. The Bandung City government has built 11 physical youth spaces since the enactment of Mayor Regulation Number 35 of 2020 regarding the construction and development of youth spaces.

The Green Investment

Activating green, open spaces for youth activities, known as the “green investment,” has also been one of Bandung's key initiative towards low-carbon development.

Bandung has been growing more and more vulnerable to the risks and consequences of climate change, brought in part by its greenhouse gas emissions (GHG) from its transport and waste sectors. Because of this, the city government's priority programs for young people to be involved in are efforts on climate change and the reduction of GHG emissions, including the improvement of the city's air quality, waste management processes, and reduction of traffic congestion.

One environment-focused program for the youth, said Atthauriq, is a youth-led reforestation effort being carried out along the banks of Cipamokolan and Cikapundung Kolot rivers. The reforestation program targets maintenance-due river banks and areas within Bandung City.

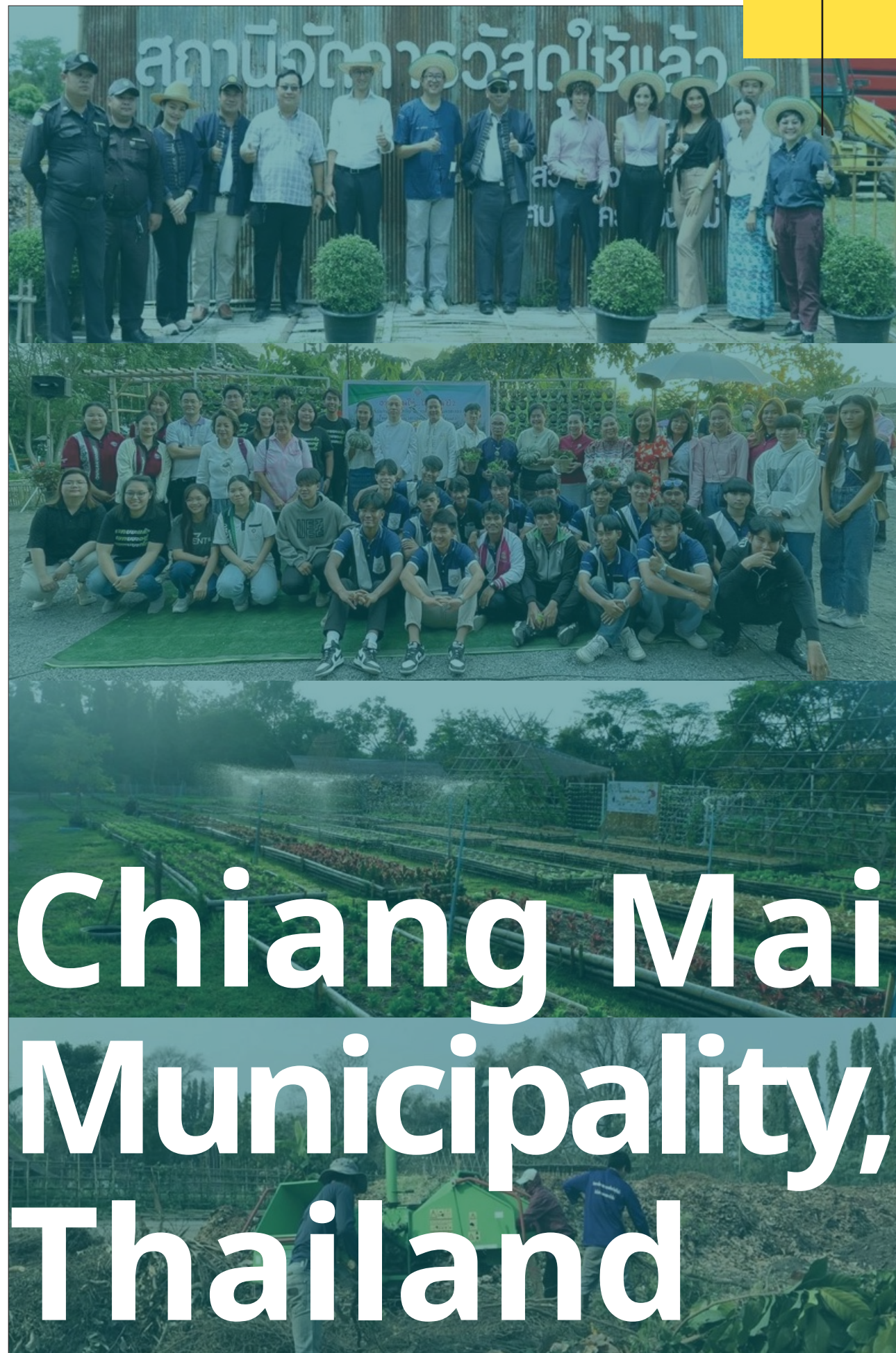
“[The] youth play a very important role in addressing climate change, and Bandung is known to have a significant creative community,” said Atthauriq.

For the City's creative and innovative approach in finding solutions to urban issues, Bandung was recognized as a Creative City of Design by the United Nations Educational, Scientific and Cultural Organization (UNESCO) in December 2015, making the city a member of the UNESCO Creative Cities Network (UCCN).

With Bandung City's efforts to collaborate with the youth in creating a safer urban environment, the city has moved beyond being “youth-friendly” and has become “youth-focused” to achieve a sustainable future.

Words by Jameela Antoniette Mendoza and Arfiana Khairunnisa.

Photo courtesy of the Local Government of Bandung City.



Chiang Mai Municipality, Thailand

Chiang Mai's Urban Farm: Reducing Waste, Securing Food Supply

Chiang Mai City Municipality, Thailand continues to develop its landfill-turned-urban-farm as a solution to manage organic waste and strengthen food security.

The Chiang Mai Urban Farm was a project initiated in 2020 during the COVID-19 outbreak by Jaibaan Studio, a local community architecture studio, with support from various groups of local nongovernment organizations, civic groups, and a network of urban poor communities. The Chiang Mai City Municipality Government has also supported this project since 2020.

The urban farm was established to address food insecurity, especially among urban poor communities, by converting a state-owned piece of land into a community vegetable garden. More than 20 years ago, this area in the heart of Chiang Mai was built as an open landfill. After that, this area could not be used for any activities and was left vacant. To create planting beds in the area, the land was cleared and covered with a mixture of compost and donated Biochar, or organic charcoal made by burning corncobs or rice straw.

Today, the Chiang Mai City Municipality Government continues to support the development of the Chiang Mai Urban Farm, which now also includes a used materials management station and a fertilizer and organic agriculture learning center.

The production of compost and fertilizer at the Chiang Mai Urban Garden is a way to convert organic waste, such as leaves and branches, into agricultural products. Leaves and branches account for up to one percent of the 20-30 tons waste generated each day.

Compost produced from the urban farm is distributed to about 100 local communities and is used in the gardens of municipal schools and municipal public parks. Compost production in Chiang Mai is also supported by technology and methodologies from the local Maejo University.

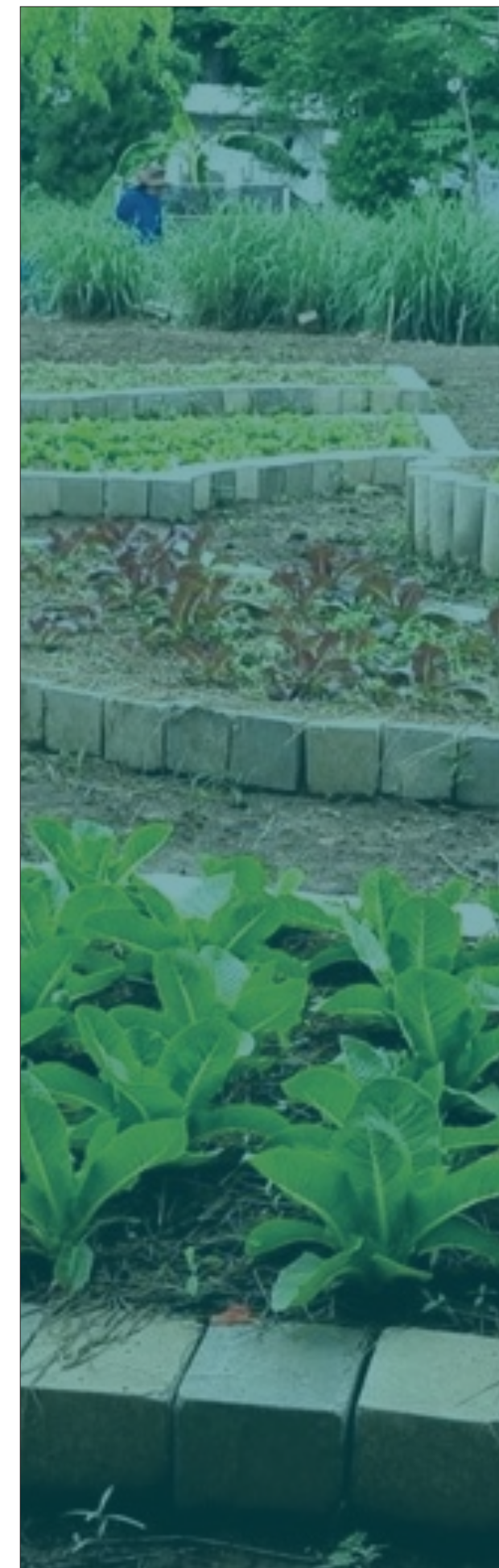
As a learning center, the Chiang Mai Urban Farm has welcomed several groups for educational tours, activities, and knowledge exchange to promote urban farming and food security. The Chiang Mai City Municipality Government intends to establish a learning center for local students, while a recent collaboration with the Language Institute of Chiang Mai University will open the urban farm as a learning center for international students as well.

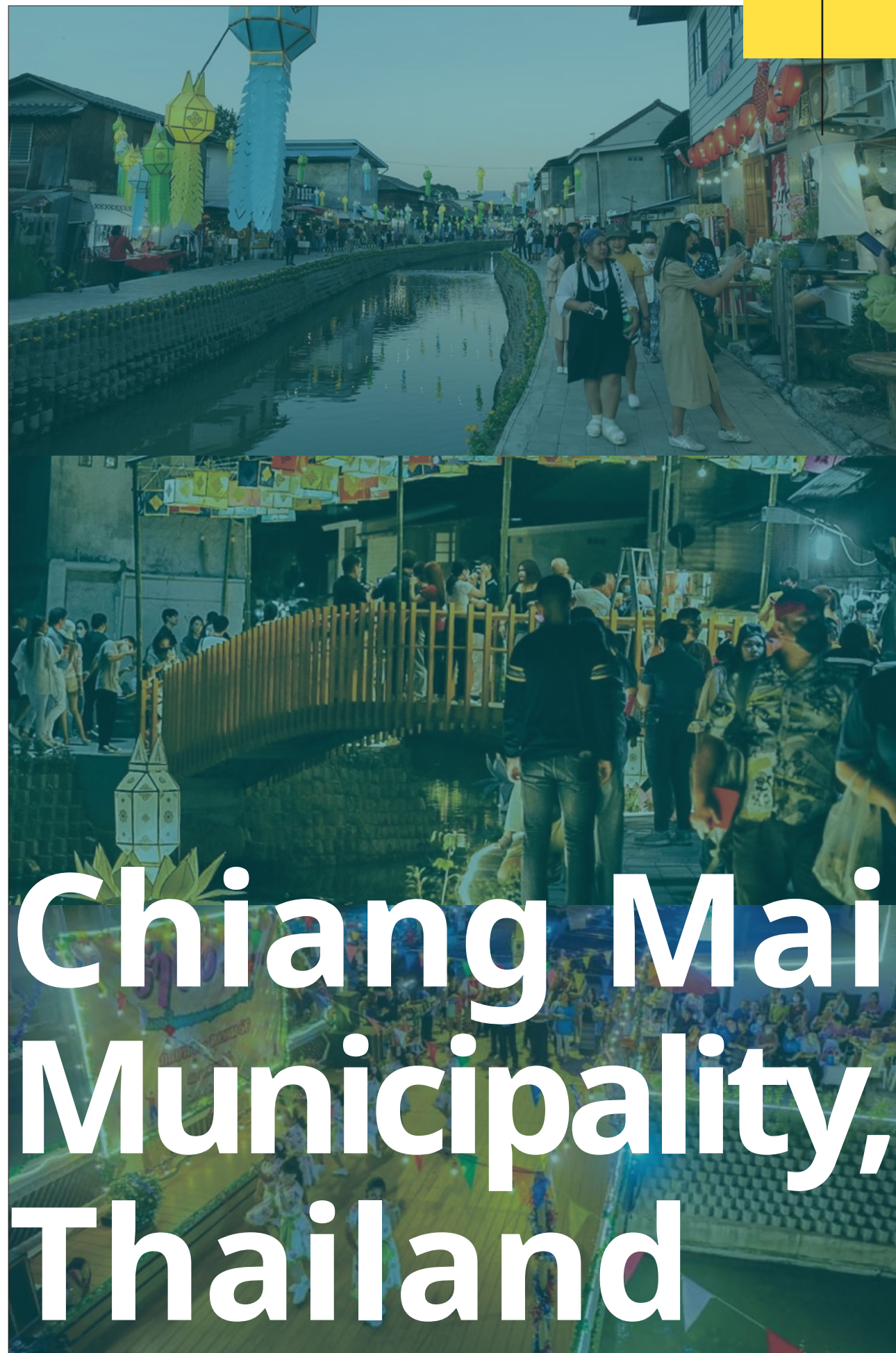
The Chiang Mai City Municipality Government has committed to boosting initiatives and policies for food security and sustainable food systems as part of its Chiang Mai Smart and Innovation City Project. In 2022, the Chiang Mai local government, through its Mayor, Assanee Buranupakorn, signed the Food Security Policy Project (Milan Urban Food Policy Pact).

The Chiang Mai Urban Garden is an example of how public policies and innovative initiatives achieved through the collaboration of the local government, experts, civil society organizations, and local communities, can be holistic solutions that address multiple, inter-related issues.

The Chiang Mai City Municipality Government is a member of ICLEI Southeast Asia.

Stories and photos from Trinnawat Suwanprik, City Coordinator for Chiang Mai Smart and Innovation City Project.





Sewer Becomes Tourist Attraction: Chiang Mai's Makeover of Mae Kha Canal

Social innovation efforts of the Chiang Mai Municipal Government, in partnership with the private sector, civil society groups, and local communities, have transformed the Mae Kha Canal (Khlong Mae Kha) from a dirty open sewer to a booming tourist attraction.

Titled "Mae Kha Canal, the River of Life: Strengthen the Economy, Create a Sustainable Lifestyle" (translated from Thai), the collaborative rehabilitation project coordinated by the Chiang Mai local government has already earned recognition from Thailand's Ministry of Digital Economy and Society – Digital Economy Promotion Agency (DE-DEPA), including receiving the Smart City Solutions Award 2023 – Good Level in the area of "Smart Environment" during the Thailand Smart City Expo 2023.

From intolerable to Instagrammable

For decades, the Mae Kha Canal had been an unwelcoming presence in Chiang Mai, one of Thailand's top tourist destinations and the country's seventh most populated town. The Canal overwhelmed the senses, with communities along the waterway saying that it smelled as bad as it looked. Its dark water was a mix of untreated wastewater and garbage from households and business establishments on both sides of its 11-kilometer stretch that passes through the city.

The Canal used to be an outer moat of the city center that helped drain floods and was a key source of water for residents. However, as Chiang Mai's population and economy grew, the Canal was neglected. Unregulated, rapid urbanization without a proper wastewater management system caused the Canal to be clogged and filled with untreated wastewater.

Fast forward to 2024, searching the keyword or hashtag "คลองแม่ข่า" (Khlong Mae Kha) on Instagram shows more than 5,700 photos and videos of the Mae Kha Canal, specifically the portion where the Rakaeng Bridge is located. The once-avoided and forgotten Canal has now become a charming public space, likened to Japan's Otaru Canal, where people can stroll along its walkways or stop by small community shops that sell food, drinks, and souvenirs.

Mae Kha Canal's makeover from being a polluted open sewer to becoming the latest tourist attraction in Chiang Mai was a huge undertaking. The complete transformation required a joint effort of the public sector, private sector, the academe, civil society groups, and the communities living along the Canal, as the issues tied to the Canal went deeper than waste management and lack of waste infrastructure. Socioeconomic issues such as informal settlements and social mobility in communities along the Canal had to be addressed to ensure that the Canal's transformation was holistic and sustainable.

This was where social innovation came into play. Social innovation, as defined by the Stanford Graduate School of Business, is "the process of developing and deploying effective solutions..." which "...often require the active collaboration of constituents across government, business, and the nonprofit world."

Rehabilitation

While there have been several efforts to rehabilitate the Canal over the past decade, the Chiang Mai local government has made it its goal in recent years to lead the coordination of these efforts that shared one goal: to restore the Canal's cleanliness so it can improve the quality of life of residents living around it—the same importance it used to have before it became polluted.

The local government started the rehabilitation by making improvements in its wastewater management system and the Canal's landscape. On the local government's website, the initial efforts towards improving the Canal's infrastructure included a dredging project and the renovation of walkways in 2019. Between 2020 and 2021, some of the Canal's floodgates were repaired and the construction of a wastewater collection system on both sides of the Canal began. This allowed wastewater from buildings along the Canal to be processed for further treatment instead of being openly discharged. Throughout 2022, the city collaborated with various experts and organizations to continue the improvements and develop housing for low-income communities. The local government encouraged homeowners to have their houses facing the Canal, allowing them to set up walkway shops directly from their homes. Water released into the Canal was monitored. The sides of the Canal were covered in hollow bricks that could hold plants, allowing nearby residents to grow herbs, vegetables, and flowers. Lights and manhole covers with art were installed.

Community involvement

A key aspect of Mae Kha Canal's successful rehabilitation is the involvement of communities living along it. In the local government's press releases about the success of the first phase, they gave credit to the communities' participation and maintained that the goal of the rehabilitation project was to improve their quality of life.

When landscape improvements and the wastewater collection system were planned, houses and buildings along the Canal were first surveyed. The local government also held a meeting with representatives of the community, civil society groups, architects, and other partners to obtain stakeholder buy-in. The Mae Kha Canal Development Working Group was then formed, which included representatives of communities along the Canal. Communities were also consulted through forums that aimed to address issues along Mae Kha.

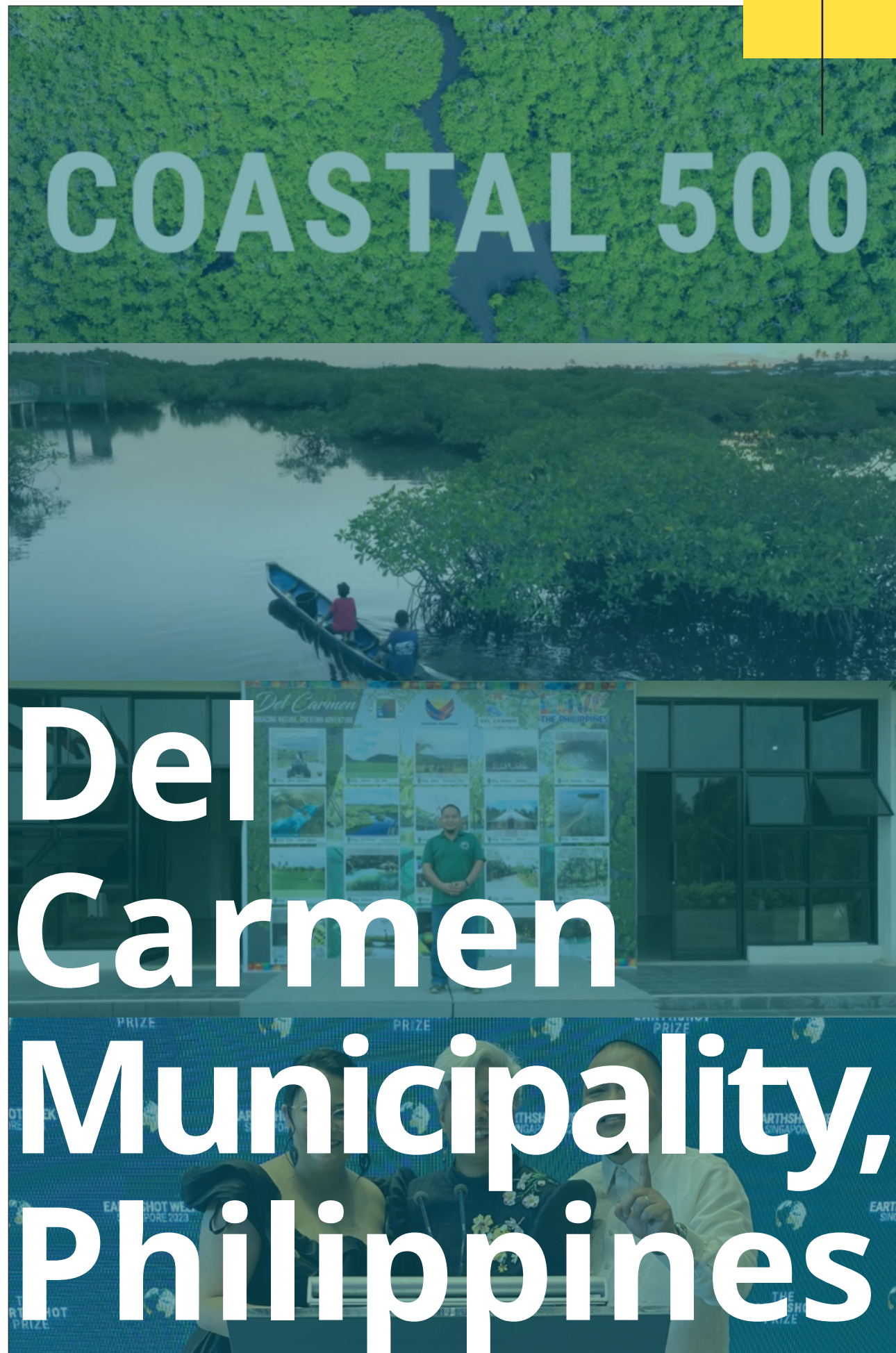
The Chiang Mai local government also held forums with residents, merchants, and tourists to gather suggestions from them on further improving the Canal, and sent out a questionnaire to ask about their satisfaction with the Mae Kha Canal development project. One public forum even incorporated a "hackathon" for the public to share their views on the development of the Canal.

While sections of the Canal are still works in progress, the Chiang Mai local government has already realized how important social innovation is in addressing such a layered issue. Social innovation's participatory and holistic approach that goes beyond the surface level and addresses root issues has proven to be effective in Mae Kha Canal's case.

At first, the Mae Kha Canal was a cautionary tale of how rapid urban development without a sustainability approach can lead to the degradation of urban environments. Through cross-sectoral collaboration and social innovation, the Canal has been revitalized to support the natural and human ecosystems around it. The communities of Mae Kha, in turn, have established a sense of stewardship over the Canal that allowed them to play an active role in the decision-making and management of their immediate environment.

Words by Jameela Antoniette Mendoza.

Photos courtesy of the Local Government of Chiang Mai.



Nature-based solutions in Del Carmen, Philippines take global stage

Siargao Island in the Philippines is getting international attention beyond tourism as the municipality of Del Carmen champions the island's nature-based solutions on the global stage—from COP28 to the prestigious Earthshot Prize—to encourage local governance and action in developing climate-resilient communities.

A mangrove forest in the small island of Siargao, Philippines has been protected by the local government and communities in Del Carmen since 2010. When a super typhoon struck the island in 2021, roles were reversed: the lush forest proved capable of protecting the people too.

In a [story about Del Carmen's recovery after the super typhoon](#), many coastal villagers reported that the mangrove forest shielded their houses from huge waves, lessening damage and casualties.

Numerous studies have long acknowledged the effectiveness of mangroves in coastal protection against natural hazards. Acting as a natural barrier for nearby coastal lands, mangroves can [reduce vulnerability and risk from wind waves and storm surges](#). As typhoons become stronger and more frequent because of the climate emergency, more and more communities are realizing the importance of mangroves as a nature-based dampener against such hazards.

Nature-based solutions, as defined by the [United Nations \(UN\) Framework Convention on Climate Change](#), are actions and policies that use nature's resources to protect and restore ecosystems, while helping resolve society's challenges. These solutions aim to reduce greenhouse gas emissions, promote healthy ecosystems, and reduce the likelihood of flooding, soil erosion, drought, and other extremes of the climate crisis.

In Del Carmen, the mangrove forest stretches up to 4,871 hectares—one of the largest contiguous mangrove forests in the Philippines. The mangrove conservation initiative in Del Carmen started in 2010 through the initiative of its local government to [collaborate with residents who were previously involved in illegal mangrove cutting](#). The initiative grew through the collective effort of stakeholders in the public and private sectors, civil society organizations, and local communities. Moreover, the Del Carmen mangrove forest has been [recognized by the Philippine government as a wetland of international importance](#) to help pave the way for its inclusion into the Ramsar List of Wetlands of International Importance.

In recent years, efforts of the Del Carmen local government to share their experience in establishing and sustaining their Mangrove Management Program helped the municipality make waves in the international arena as a leading local government in community-led mangrove management.

Mayor Alfredo Coro II, who led the establishment of mangrove rehabilitation and conservation initiatives in Del Carmen when he first became mayor in 2010, is a member of the Coastal500, the largest global network of mayors and local government leaders committed to working towards thriving and prosperous coastal communities.

In his [reflection](#) published by the global nonprofit organization Rare, Mayor Coro said he joined Coastal500 because he wanted to share Del Carmen's best practices in community-led coastal protection and conservation with other cities and municipalities around the world so that they can be replicated.

The Del Carmen Mangrove Management Program was featured in a [video by the Earthshot Prize Awards 2023](#), a global environmental award, when the [Coastal500 became a finalist](#) in the award's "Revive Our Oceans" category.

Mayor Coro also attended the 2023 United Nations Climate Change Conference (COP28) last November in Dubai, United Arab Emirates as a member of the Coastal500 to advocate for coastal communities on the frontlines of climate change.

"These experiences, with the Earthshot Prize and COP28 in Dubai, made me realize the collective power of the leaders of neglected small fishing villages and municipalities to drive change in their communities—if their leaders have access to appropriate information, replicable action, and localized scientific narratives," said Mayor Coro in his reflection.

Aside from its mangrove management program, Del Carmen also strives to develop other nature-based solutions through [marine protected areas](#), [watershed management](#), and seagrass restoration.

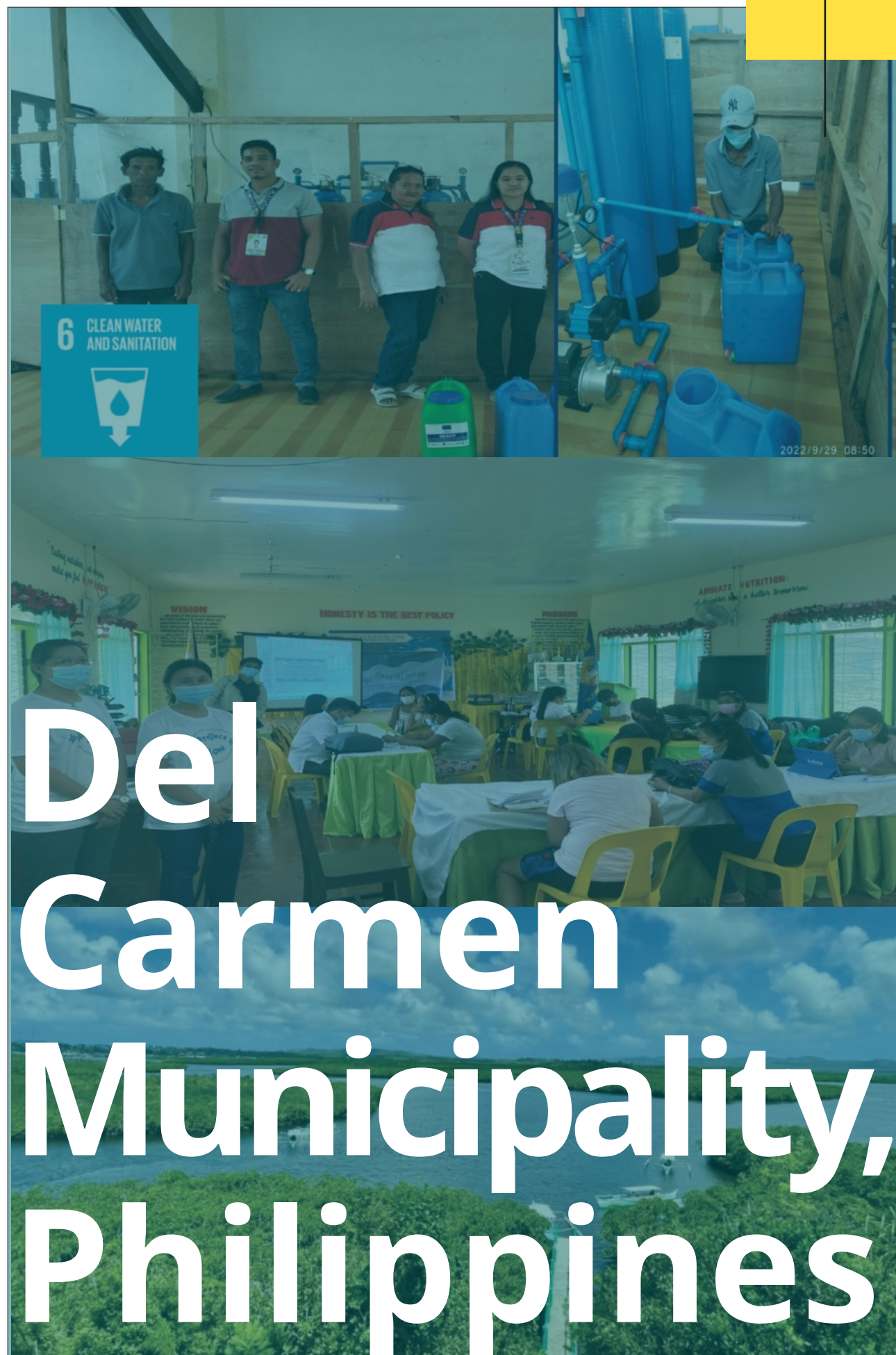
Mayor Coro also highlighted in his reflection Del Carmen's multi-stakeholder approach to developing its natural resources to become nature-based solutions—an important measure for cities and municipalities seeking to rise above and take control of their future in the face of the climate crisis.

"Our progress and resilience were made with a lot of support from multiple partners, allowing us to appreciate the science, understand our desired future, and work to develop Del Carmen's sustainable development. In time, our small coastal community became a global model of how local governance can influence positive change," said Mayor Coro.

The municipality of Del Carmen is a member of ICLEI, having previously taken steps to [pursuing a low emission development pathway](#). Mayor Alfredo Coro is also currently part of the [Regional Executive Committee](#) of ICLEI Southeast Asia.

Words by Jameela Antoniette Mendoza

Photos courtesy of the Earthshot Prize Awards 2023 and the Hon. Alfredo Coro II.



Collective, Local Action for Global Impact: Del Carmen's SDG Success Story

This article on the Municipality of Del Carmen in the Philippines is part of Impakter's Sustainable Cities series, done in collaboration with ICLEI.

I recognized that the United Nations Sustainable Development Goals (SDGs) are strongly advocated in cities, but in rural and coastal communities, it is an afterthought — especially with problems like food security, literacy, malnutrition, exacerbating climate change issues, global inflation, and limited fiscal resources.

However, when achieving SDGs is done collectively — by local governments working together to address connected concerns such as ecosystems, migration of people, and sharing of natural assets — the impact is magnified for replication and scale.

The experience of the local government of Del Carmen in trying to achieve SDGs is about aligning the local vision with the global action of SDGs. This allowed our transformative story to happen.

The Municipality of Del Carmen is one of the nine municipalities of Siargao Islands in the Philippines, with Siargao Island being recognized as one of the top 10 islands in Asia by the Conde Nast Traveler's Readers' Choice Awards for 2023.

In 2020 and 2021, our community was devastated by the COVID-19 pandemic and Super Typhoon Rai (local name Odette).

Since 2022, as part of our recovery from these events, the local government has been consulting with various stakeholders to co-create solutions and programs; a process we locally call "Tambayayong," which adheres to SDG 17 (Partnerships for the Goals) and establishes co-ownership. We prioritized the first six fundamental SDGs while still committing to the other ten goals:

- SDG 1: No Poverty. While we are still far from this target, we were able to reduce the poverty rate from 69.9% in 2010 to 25.3% by 2023, which is a 44.6% drop.
- SDG 2: Zero Hunger. Malnourishment and stunting dropped from 26% in 2009 to less than 1% as of 2024. During the pandemic and after Super Typhoon Rai, our first agenda was to ensure consistent and sustainable access to food, leading to zero hunger and crimes related to hunger.
- SDG 3: Good Health and Well-being. The local government of Del Carmen runs the Seal of Health Governance program, which is focused on strengthening health leadership at the "barangay" level. This gave communities the confidence to address local health issues and related social determinants. Our approach has been replicated in many other municipalities in the Philippines and was recognized overseas as a social innovation for health.
- SDG 4: Quality Education. Even though providing education is a non-devolved function of the local government, we still established an Education Quality Improvement Program focused on reading and numeracy, literacy and comprehension. We have rehabilitated our reading libraries and pushed more literacy and numeracy program collaborations to address the education crisis in our country.
- SDG 5: Gender Equality. The local government of Del Carmen is now developing the Women's Development

Center to establish women-led enterprises in industries such as garment production, tourism services, and food processing, which complement agriculture, farming, and eco-tourism.

- SDG 6: Clean Water and Sanitation. We established water filter stations in five strategic locations in the mainland of Del Carmen to support 16 barangays, and one water filter station in an island community to be replicated in three more island communities. The program expands to sanitation, hygiene, and watershed forest management.

In the monitoring and evaluation to ensure the SDGs are met, policy needs to be defined so that resources and finances are appropriated following the principles of good governance, adhering to SDG 16 (Peace, Justice, and Strong Institutions). This is where the other key stakeholders need to be more involved: with the median age in the Philippines being 25, the youth of Del Carmen needs to be ready to lead our community by the time they are 25, with the SDGs as desired outcomes.

An SDG is not a government target but a target of humanity, and the youth of today need to have a bigger role to play for humanity. I therefore call upon the local governments to review and define the plans and programs towards achieving the SDG targets with the youth, and collectively, we should be able to meet the goals of 2030.

Words by Hon. Alfredo Coro II, Mayor of Del Carmen Municipality, Philippines.

Photos courtesy of the Local Government of Del Carmen.



Iloilo City, Philippines

Rising for a Sustainable Future: Iloilo City's Roadmap

In achieving Sustainable Development Goals (SDGs), we are working towards "RISE ILOILO CITY," a four-year strategic roadmap crafted through the collective effort of department heads and chiefs of offices of the Iloilo City Government.

RISE is the acronym for the roadmap's core pillars: R (Responsive and Inclusive Human Development), I (Innovative Economic Development), S (Sustainable Environment), and E (Essential Resilient Infrastructure).

This is an offshoot and continuation of the implementation of development projects under the WHEELS Program in 2019 that focused on Welfare, Health, Education, Environment, Livelihood, and Sustainability.

Developments have leveled up, but we do not stop. We aim to continue going up, and that is why we have come up with RISE.

Responsive and Inclusive Human Development

We are reaching out to involve all stakeholders to improve the quality of life of people through the expansion of social services, making sure that no one gets left behind.

This is the City's commitment to creating an environment where everyone has equal opportunities for personal and professional development through various initiatives, programs, and services.

Addressing hunger and poverty, we are cultivating the Resilient, Integrated, Sustainable Environment for Agriculture Farming (RISE-A-Farm), an all-inclusive and eco-friendly program that makes use of vacant spaces amidst congested urban settings in a convergence of social welfare, health, and nutrition initiatives.

These are sustained by enabling policies, people support, strategic partnerships, and innovation. Impacts are manifested in knowledge transfer, socio-economic empowerment, environmental sustainability, and resilience.

RISE-A-Farm program embodies the aspirations of the community to become self-sufficient and secure. It has been instrumental in enhancing preparedness, response, and recovery efforts from the impacts of calamities. It also addresses the challenge of soaring prices and inflation, strives to provide food supply, and sustains environment-friendly farming practices promoting community values, nutrition, well-being, mental health, and livelihood to achieve resiliency.

Innovative Economic Development

With continuous economic growth and progress, we envision developing a dynamic and globally competitive economy by incorporating smart technologies in our services and active partnerships with the business sector.

Revitalizing public market facilities and amenities, and providing additional jobs to enhance economic activities are underway.

Public plazas, parks, and open spaces are being revived for people to have places they can use to interact, relax, get rid of stress, enjoy events, and adopt a healthy lifestyle.

Positioning itself as an investment magnet, the City is maximizing its potential as an emerging safe and technology-driven metropolis of respectful, punctual, and healthy people.

Sustainable Environment

Throughout these developments, we are taking sustainability seriously without sacrificing the environment for the benefit of future generations.

The City is committed to implementing eco-friendly practices by promoting renewable energy sources, creating green spaces, stabilizing a waste management system, and raising environmental awareness.

Taking active climate action by establishing tree parks and a beach forest, we embarked on massive tree-planting of 100,000 trees, especially native tree species to boost biodiversity; planting flowering plants; and reforesting mangroves to reduce our carbon footprint.

We are embracing excellent urban planning for easy mobility, characterized by clean, walkable, and bicycle-friendly streets, seamless public transport, uniform signages, and clean public restrooms.

Essential Resilient Infrastructure

We aim to build livable and sustainable green communities through accessible and resilient infrastructure, stressing and recognizing the importance of having reliable and efficient infrastructure systems to support the needs of our growing population.

Building homes to relocate informal settlers from danger zones to safer grounds is one of the priorities.

We are also expanding the Iloilo City Action and Response Command Center and satellite units for faster emergency response, and implementing preparedness, prevention, mitigation, and recovery measures against disasters.

At the height of the Covid-19 pandemic, we started operating a molecular laboratory. We currently have two dialysis centers, and will soon be opening a city hospital.

As we can only do so much with limited resources, we are banking on stronger Public-Private Partnerships (PPP) in realizing high-impact projects such as waste-to-energy, Bus Rapid Transit, provision of potable water, and reclamation, among others.

With all these endeavors, we rise as one Iloilo City with all the goals, desired outcomes, and steps we will take to be among the Top 3 Most Competitive Highly Urbanized Cities in the Philippines by 2028.

Words by the Hon. Geronimo "Jerry" Perez Treñas, former Mayor and current Special Adviser of Iloilo City.

Photos courtesy of the Iloilo City Public Information Office (PIO).



Quezon City, Philippines

Quezon City Mayor named 'Champion of the Earth' by UN Environment Programme

Mayor Josefina "Joy" Belmonte of Quezon City, Philippines has been named a 2023 Champion of the Earth by the United Nations Environment Programme (UNEP) for her leadership and policy achievements in curbing plastic pollution and greening the Philippines' most populous city.

The annual Champions of the Earth award is the UN's highest environmental honor that recognizes outstanding leaders from government, civil society, and the private sector whose actions have a transformative impact on the environment.

Inger Andersen, UNEP executive director, said Belmonte's leadership and policy achievements exemplify how local authorities can solve global environmental problems.

"Cities can be the dynamic engines of change we need to overcome the triple planetary crisis of climate change, nature and biodiversity loss, and pollution and waste – and mayors can help to lead that charge," said Andersen.

Belmonte, one of the five 2023 laureates, received the award in the category of Policy Leadership and is the first Filipino elected official to receive the recognition.

Under Belmonte's leadership as mayor, the Quezon City government has implemented policies to reduce the use of plastic, prevent plastic pollution, and prioritize environmental initiatives.

Among the major initiatives recognized by UNEP include the City's ban on single-use plastics, a trade-in program for plastic pollution, and refill stations for everyday essentials.

The Quezon City government has enacted ordinances prohibiting the use of single-use plastic bags and disposable cutlery, straws, and cups in restaurants and fast-food chains for dine-in customers; single-use containers and sachets in hotels; and plastic bags for customers of shopping malls, supermarkets, fast-food chains, drug stores, and other retailers registered under the Business Permits and Licensing Department.

In 2021, the City launched the Trash to Cashback program wherein residents can trade recyclables and single-use plastic products in exchange for environmental points, which can then be used to purchase groceries and pay utility bills.

The Quezon City government also partnered with Greenpeace in June 2023 for the "Kuha sa Tingi" program, which establishes community-based refill hubs in sari-sari stores (small, neighborhood shops selling various products for nearby residents) to help address plastic pollution and provide residents with more affordable and eco-friendly alternatives to products that usually come in sachets.

Belmonte has also led the City government's declaration of a climate emergency in 2019, which enabled the City to allocate resources for climate action and allot 11 to 13 percent of its annual budget to climate change mitigation and adaptation programs and projects.

Through the City's membership in the C40 Cities network, the City launched its Climate Action Implementation (CAI) program in 2022. The program aims to implement transformational climate change actions and mainstreaming activities based on the city's enhanced Local Climate Change Action Plan (LCCAP).

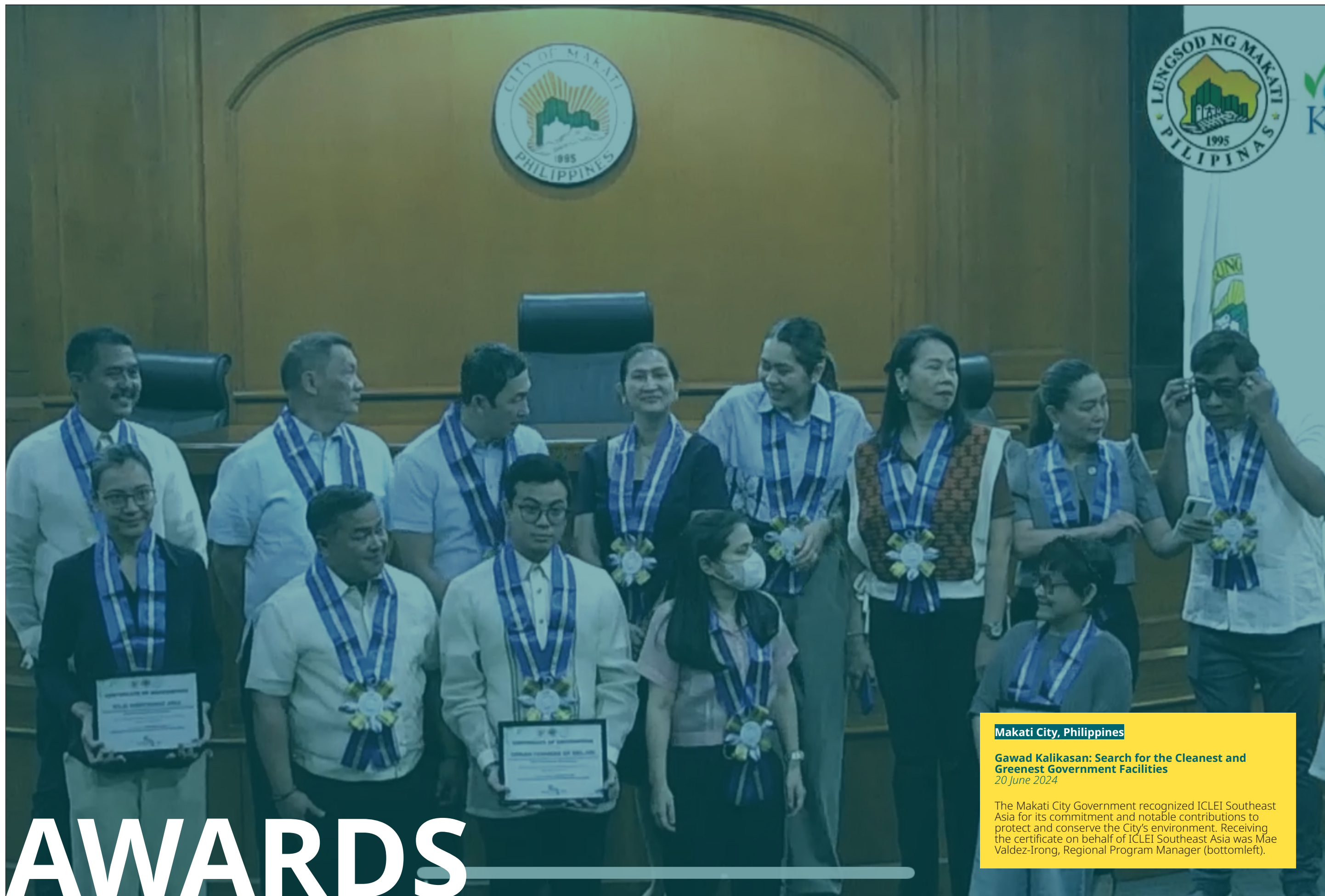
Other initiatives in the City include a food surplus recovery program with the Scholars of Sustenance; the Grow QC program, a collective and multi-sectoral food security initiative which has generated green jobs from urban farms; adoption of a city-wide composting program that turns organic waste into soil conditioners while generating biogas which can be used for cooking; and the development of an Air Quality Management Plan (AQMP) with Clean Air Asia to improve air quality in the City.

The Quezon City government is a member of ICLEI Southeast Asia and is one of the cities that reports to the CDP-ICLEI Track, a unified climate reporting platform for cities around the world. ICLEI and Quezon City have previously worked together in various climate action-related projects including the Asian Cities Climate Change Resilience Network, Circle Lab for Cities, and the One Planet City Challenge.

Quezon City is also one of the Philippine pilot cities under the ICLEI-implemented Sparking Active Mobility Actions for Climate-friendly Cities (SPARK) project which aims to increase the role of active mobility in building resilient and safe transport systems, contribute to national emission reduction targets, and promote climate-friendly mobility behavior.

Words by Jameela Antoniette Mendoza.

Photo courtesy of the Local Government of Quezon City.



Makati City, Philippines

Gawad Kalikasan: Search for the Cleanest and Greenest Government Facilities
20 June 2024

The Makati City Government recognized ICLEI Southeast Asia for its commitment and notable contributions to protect and conserve the City's environment. Receiving the certificate on behalf of ICLEI Southeast Asia was Mae Valdez-Irong, Regional Program Manager (bottomleft).



STATEMENTS FROM ENGAGEMENT PARTNERS

Here is what our local government partners have to say:



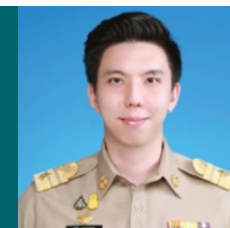
Meliyana
Local Development Planning Agency, Palembang City, Indonesia

"The most valuable part of the UrbanShift Peer Exchange in Shenzhen was the site/field visits and practical workshop that allowed participants to see Shenzhen's urban innovations in terms of renewable energy, circular economy and sustainable infrastructure that encourage knowledge exchange and provide a replicable framework for addressing local challenges in our city."



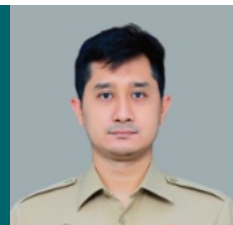
M. Sahdan
Head of Energy Agency, West Nusa Tenggara, Indonesia

"The [100%RE] roadmap for West Nusa Tenggara's transition to renewable energy is crucial for enhancing resilience and seizing new opportunities. By reducing reliance on imported fossil fuels, it stimulates local industry, creates jobs, and improves living standards, guiding us towards a sustainable future."



Assanee Buranupakorn
Mayor, Chiang Mai Municipality, Thailand

"By embracing renewable energy, we aim to significantly reduce greenhouse emissions and contribute to the global effort of achieving the targets set in the Paris Agreement."



Putut Purwandono
Acting Head of Economics and Cooperation Division, Yogyakarta City, Indonesia

"Moving forward [after Urban Article 6], we hope to continue learning together, with a focus on the vital role of active contributions to emission reduction and unlocking more funding opportunities through carbon markets in Yogyakarta."



Datin Sapiah binti Hj. Haron
Mayor, Hang Tuah Jaya, Malaysia

"The energy demand in cities and regions in developing countries continues to rise rapidly. This shows that action at the city and regional level can be a powerful driver of change."



Joko Prihatno
Policy Analyst on Climate Change and Lead Negotiator for Article 6, Ministry of Environment, Indonesia

"I also appreciate the training support provided by non-government organizations and institutions like ICLEI and Perspectives for local governments as part of the learning process."



Benjamin Magalong
Mayor, Baguio City, Philippines

"As ICLEI Southeast Asia celebrates its 20th anniversary of driving local sustainability in the region, we in Baguio City are honored to be part of this journey. Your dedication to empowering local governments has created tangible improvements in our city's resilience and sustainability outlook."



M. Taufik Kurniawan
Acting Mayor, Probolinggo City, Indonesia

"This [OPCC] award was not achieved overnight, but through consistent efforts in championing environmental conservation, combating climate change, and reducing greenhouse gas emissions. Let us continue to actively share this mission, so that together, we can preserve and protect our environment."



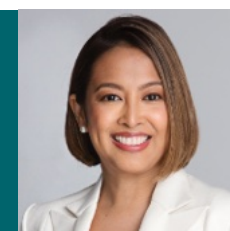
Alfredo Coro II
Mayor, Del Carmen Municipality, Philippines

"ICLEI has featured our programs, increasing our credibility both locally and globally, and allowing me to be part of the ICLEI Global Executive Committee handling the portfolio for biodiversity, water, and one health. This led to numerous opportunities to be the voice of small island and coastal communities that are at risk from climate change, including stronger storms, sea level rise, and food scarcity."



Sri Sultan Hamengkubawono X
Governor, Yogyakarta Province, Indonesia

"Through [RENEW-SEA], we will try to be actively involved in exchanging knowledge and experience, and supporting collaboration to realize sustainable, clean energy."



Abigail Binay
Mayor, Makati City, Philippines

"As Mayor of Makati, I've witnessed firsthand how our partnership with ICLEI SEAS has strengthened our city's resilience against climate challenges while fostering sustainable urban development. Through collaborative initiatives and knowledge sharing, we've implemented impactful environmental policies that benefit both our citizens and our planet's future."





100% RE Building Blocks

This guide is applicable across jurisdictions with various geographical, political, cultural, and socioeconomic conditions, providing guidance for the creation of 100% RE roadmaps.

For more information, visit iclei.org



Asia LEDS Partnership

The ALP aims to advance the development of country-led and country-specific strategic plans to promote economic growth while reducing GHG emissions without causing trade-offs to other environmental pressures in the Asia region.

For more information, visit asialedspartnerhip.org



Asia Pacific Adaptation Network

ICLEI SEAS serves as the APAN sub-regional node, actively working with national and local governments throughout the region for climate change adaptation.

For more information, visit asiapacificadapt.net



Building Efficiency Accelerator

Under BEA, ICLEI focuses on the development of guidance, capacity building and offering tailored support to local and subnational governments to assess priorities, implement and track actions, and exchange lessons learned.

For more information, visit buildingefficiencyaccelerator.org



carbonn Climate Registry

Managed by ICLEI, the cCR is a voluntary and public reporting platform for local and other subnational governments, enabling entities to report and monitor climate and energy commitments, GHG emissions performance, as well as climate change mitigation and adaptation actions.

For more information, visit carbonn.org



Cities Race To Resilience

The Cities Race to Resilience aims to catalyze a step-change in global ambition for climate resilience, aiming to strengthen the resilience of 4 billion people in vulnerable communities by the year 2030. Race to Resilience is the sibling campaign to the global Race to Zero.

For more information, visit citiesracetoresilience.org



CDP-ICLEI Track

Formerly the CDP-ICLEI Unified Reporting System, Track offers an online and free-of-charge reporting platform for cities globally, providing comprehensive guidance on data points to be reported by cities in a simplified questionnaire form. CDP and ICLEI also offer direct assistance to cities in their reporting journey.

For more information, visit cdp.net



Cities Race to Zero

The Cities Race to Zero aims to build momentum around the shift to a decarbonize economy and send a resounding signal to governments who are expected to strengthen their contributions to the Paris Agreement.

For more information, visit c40.org



CitiesWithNature

CWN is a global platform for cities and other subnational governments, their communities, and experts to connect, share and learn from each other in mainstreaming nature into cities in ways that benefit both people and nature.

For more information, visit citieswithnature.org



ecoBUDGET

Developed by ICLEI Europe, the tool lists five steps which can link environmental sustainability goals to other social issues such as poverty alleviation and economic stability.

For more information, visit webcentre.ecobudget.org



CITYFOOD Network

The ICLEI-RUAF CITYFOOD Network aims to accelerate local and regional government action on sustainable and resilient city-region food systems by combining networking with training, policy guidance and technical expertise.

For more information, visit iclei.org



EcoMobility SHIFT

A methodology designed for cities to measure the performance in urban mobility and make informed decisions based on the areas that need improvement.

For more information, visit sustainablemobility.iclei.org



Ganbatte

Developed by Circle Economy in collaboration with ICLEI, Ganbatte offers data insights into cities' sectoral consumption, emissions, and employment for more than 6,000 cities worldwide and provides them with the knowledge and tools to start their circular journey.

For more information, visit ganbatte.world



ICLEI - ACCCRN Process

Developed by ICLEI with support from the Rockefeller Foundation, it enables local governments to assess their climate risks in the context of urbanization, poverty, and vulnerability and to, eventually, formulate and prioritize corresponding resilience strategies.

For more information, visit accrn.net



SBTs: A Guide for Cities

The guide assesses and explains three science-based climate target (SBT) methodologies and their technical criteria. It advises cities on which methodology to use and how to use the methodologies to determine interim and net zero targets.

For more information, visit sciencebasedtargetsnetwork.org



GHG Protocol for Cities

The Global Protocol for Community-Scale Greenhouse Gas Inventories (GPC) offers cities and local governments a robust, transparent, and globally accepted framework to consistently identify, calculate, and report on city greenhouse gas emissions.

For more information, visit ghgprotocol.org



GPC Guidance for Forests & Trees

This supplemental guidance to the GPC provides methods that communities can follow to estimate both GHG emissions from land-use change and other forest disturbances and carbon dioxide removals by forests and trees within their borders.

For more information, visit ghgprotocol.org



Solutions Gateway

An online platform where local governments can find low emission development solutions that they can apply to their cities or municipalities. The gateway houses sectoral and cross-sectoral packages of activities that aim to support cities in the development of low-emission strategies, plans, and projects.

For more information, visit solutions-gateway.org



Transformative Actions Program

TAP serves as a project preparation facility that enables local governments to access a network of partners that offer support services to increase visibility and better position them to access climate finance.

For more information, visit tap-potential.org



GreenClimateCities

The GCC Program offers cities a proven process methodology for walking step-by-step toward climate neutrality. This methodology and its Measuring, Reporting and Verification framework were tested by the cities engaged in the Urban-LEDS project.

For more information, visit iclei.org



ADMINISTRATION

2024 KEY FINANCIAL FIGURES



HUMAN RESOURCES

ICLEI Southeast Asia Secretariat (as of June 2025)	
Victorino Aquitania	Regional Director
Mae Valdez-Irong	Regional Program Manager
Zenaida Ranario-Tagolino	Operations Manager
Pamela Nina Cabacungan	Zero Emission Development Strategies Manager
Ricardo Marfiga, Jr.	Membership, Governance, and Circular Economy Manager
Kristianne Jemi Santos	Senior Project Officer
James Anthony Oriña	Project Officer
Miguel Angelo Gotangco	Project Officer
Lendl Meniado, EnP	Project Officer
Renee Ann Lagata	Project Assistant
Gabriel Lorenzo Syfu	Project Assistant
Chris Noel Hidalgo	Communications Head
Jameela Antoniette Mendoza	Communications Assistant
Jenie Guinto Darang	Accountant
Jennifer Maducdoc	Accounting Assistant
Ronwaldo Olivo	Administrative Assistant and Finance Coordinator

ICLEI Indonesia Office (as of June 2025)	
Arif Wibowo	Country Manager
Selamet Daroyni	Senior Project Officer
Siti Koiromah	Project Officer - 100% Renewable Energy
Sumardi Ariansyah	Project Assistant - Safe and Sound Cities (S²Cities) Programme
Medhiansyah Putra Prawira	National Coordinator - UrbanShift
Femme Sihite	Project Officer – Urban Article 6 Pilot
Juniarti Elisabeth Sinaga	Membership and Communications Officer
Hikmatul Pasaribu	Finance and Operations Officer
Marwan Marwan	Administrative Assistant



Units 3 to 6 Manila Observatory, Ateneo de Manila University,
Loyola Heights, Quezon City, 1108, Philippines

Phone: +632 8426 0851
Fax: +632 8426 0851
Email: iclei-sea@iclei.org

icleiseas.org
facebook.com/ICLEISEAsia
linkedin.com/company/ICLEISEAS
youtube.com/ICLEISEAS

