QUEZON CITY'S ENHANCED LOCAL CLIMATE CHANGE ACTION PLAN 2021-2050

VISION FOR NOW AND THE FUTURE

Vision for Climate Action and Sustainable Development

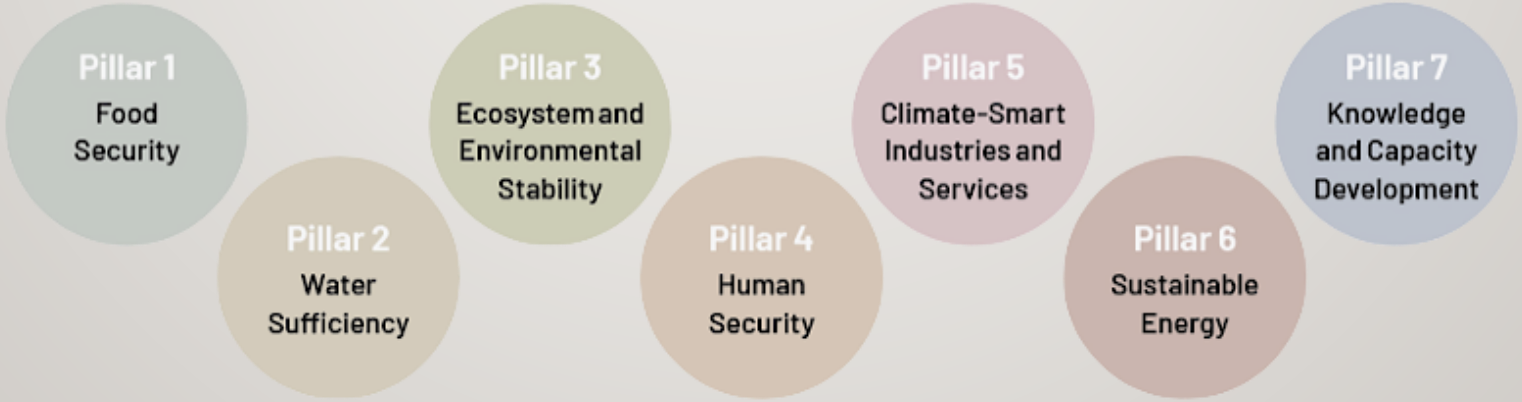
We aspire to be the leading city in advancing inclusive, ambitious, and evidence-based climate actions in the Philippines, building resilience and advancing green economic development while providing a livable and quality community for all.

Mitigation Goal

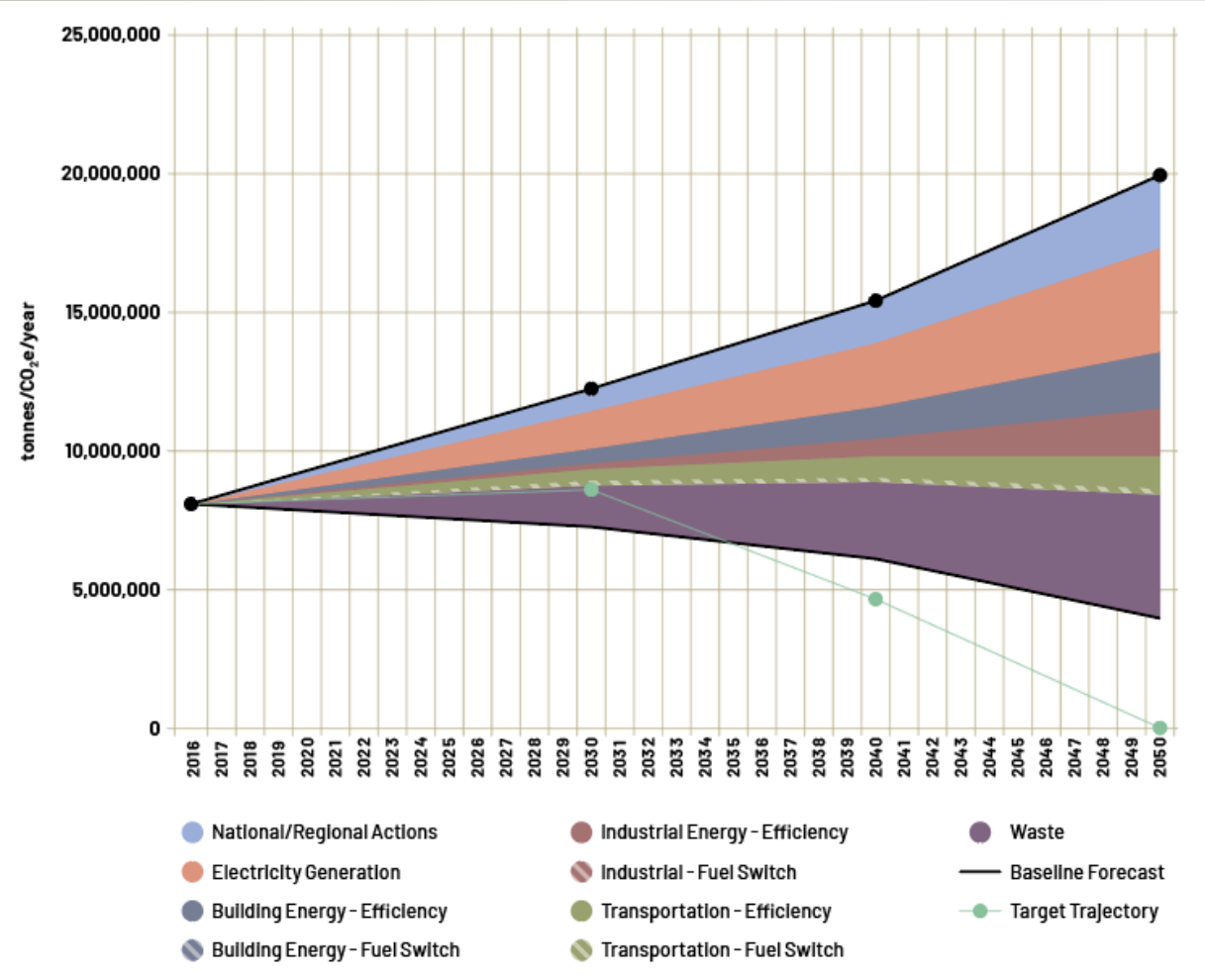
Reduce GHG emissions by 30% by 2030 compared to the projected BAU scenario, and commit to pursue net-zero emissions by 2050

Adaptation Goal

Increase the adaptive capacity of the community and the resilience of natural ecosystems against the impacts of climate change while maximizing mitigation opportunities



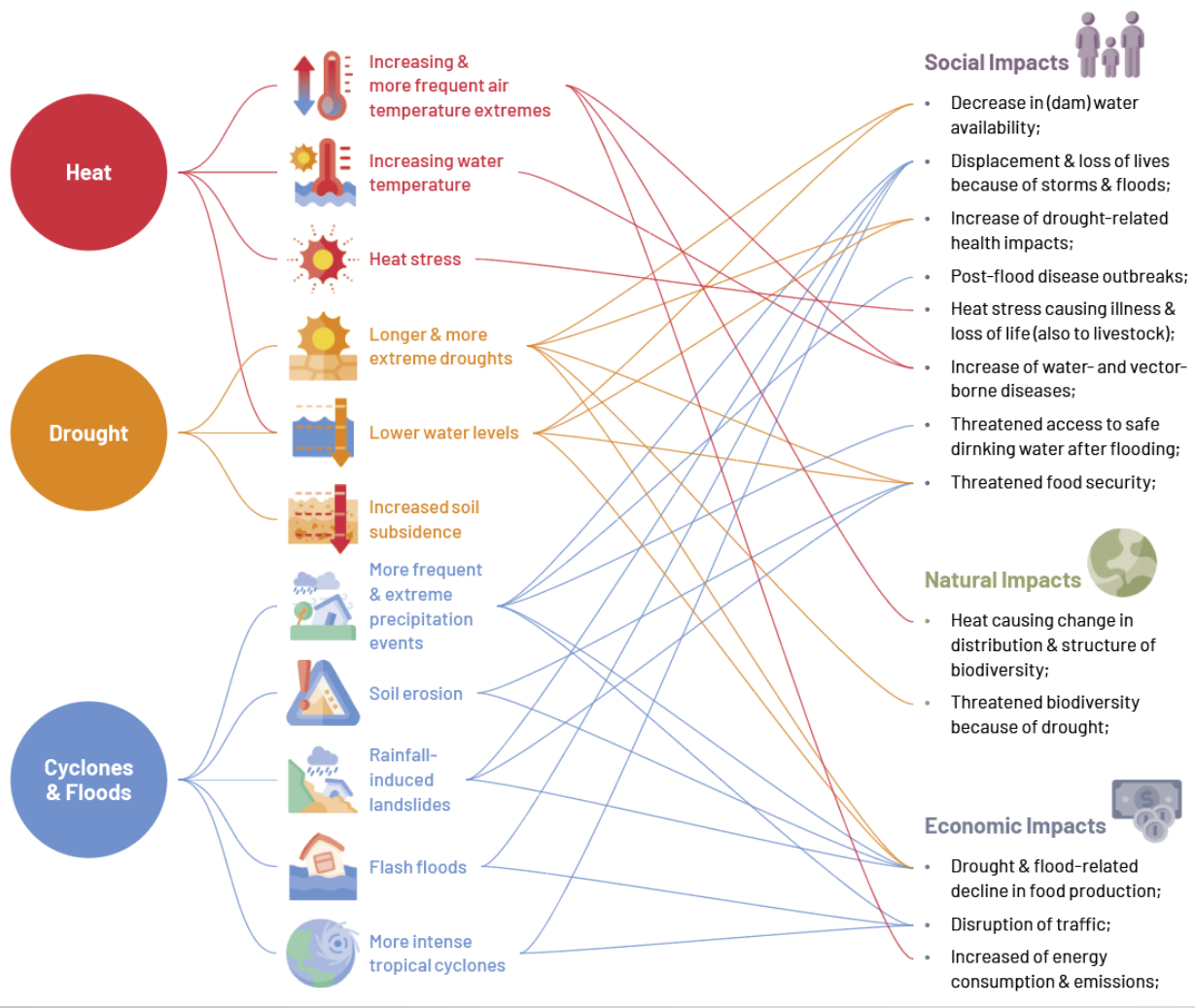
QC GHG Emission Scenario 2016-2050



Climate Change Mitigation Strategies

- ✓ Strive towards a **Circular Economy,** prioritizing organic, paper and plastic wastes
- ✓ Build green, energy-efficient, and resilient buildings and establishments that are compliant with the **Green Building Code**
- ✓ Secure clean and affordable **Renewable Energy** and solarize Government-Owned Buildings
- ✓ Mainstream **Energy Efficiency and Conservation Strategies**
- ✓ Promote **active transport** and improve **pedestrianization**
- ✓ Introduce clean and efficient Local Bus Rapid Transit System, along with the transition to **electric vehicles** towards improved Air Quality

QC Climate Risk and Impact Assessment



Climate Change Adaptation Strategies

- ✓ Promotion of **Urban Farming** and Localized Food Production
- ✓ Increase **Water Security** through Robust Demand Side Management (e.g. Rainwater Harvesting)
- ✓ Promotion of **Nature-Based Solutions to flood mitigation** (e.g. Water Retention Basins)
- ✓ Promotion of Nature-Based Solutions to reduce heat and drought pressures through the **Green Corridor Network and Urban Biodiversity Action Plan**
- ✓ Build **safe and resilient housing and public infrastructure** for the most vulnerable
- ✓ Develop **Mixed Use Zones** for improved accessibility of services to communities

City-to-City Collaboration with Osaka City, Japan

3-Year Project Plan (2022 to 2025)

STUDY AREA	STUDY TOPIC
ENERGY and BUILDING	**Promotion of Smart Building** I. Installation of **Building Energy Management System (BEMS)**, Home Energy Management System (HEMS), etc. and digitalization of monitoring and management system including promotion of proper ventilation and air-conditioning during pandemic II. Installation of **LED lighting** in public and private facilities
TRANSPORT	**Air Quality Improvement through Traffic Flow Management** I. Reduction of energy consumption through **controlling traffic flow utilizing systems and technologies** II. Implementation of **Electric Bus System** III. Installation of **air quality monitoring system**

THANK YOU!


LUNGSOD QUEZON
PILIPINAS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QUEZON CITY