



GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY



FINANCING LOCAL ACTIONS

The Legazpi City Experience





GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY



Legazpi City Vision

**A safe and resilient Legazpi
through community-based
management**





**GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY**



Climate & Disaster Risk Assessment

Climate Change Effects and Hazards

Increase/Decrease Temperature

Heat Stroke



Coral Bleaching



Increase/Decrease Seasonal Rainfall

Drought



Flooding



Climate Extremes

Increase in typhoon wind and intensity



Wildfires due to El Niño



Lahar due to torrential rains



Agri. Pests & Diseases



Hydro Met Hazards



Landslide & Erosion



Disease Outbreak



Earthquake Hazards



Fire Hazards



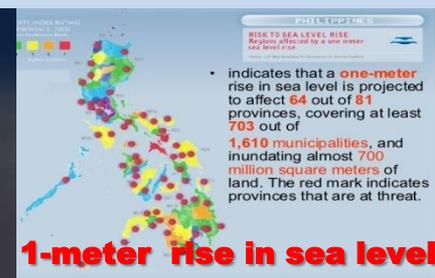
Transport Mishaps



Volcanic Hazards



Sea Level Rise



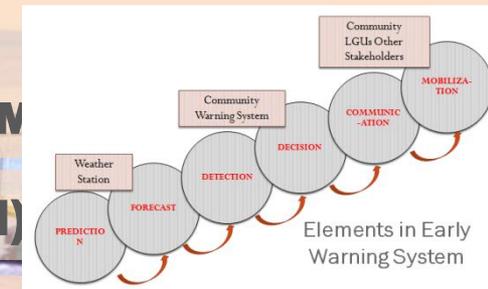


GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY



Climate Commitments and Targets

- **Institutional Support for CC Adaptation & Mitigation**
(CDRRM Office & Climate Change Center, policies and ordinances)
- **Ensured funding for DRR and CCA Programs, Projects and Activities** (Local DRRM/CCA Fund, Grants & Partnerships)
 - Master Drainage & Flood Control Program - USD42M (partial)
 - Legazpi City Sanitary Landfill - USD11M (partial)
 - Establishment of Evacuation Centers - JICA
 - Permanent Resettlement Projects - LGU
 - Construction of Seawall cum Boulevard - USD24M
- **Zero-Casualty Goal** (Communication Protocol)
- **Disaster Preparedness** (Early Warning Systems and Hazard Drills)
- **Risk-Sensitive Comprehensive Land Use Planning**
- **Partnerships for Resiliency**
 - CityLinks (icma.org) – exchange visits & knowledge sharing
 - Academe (Bicol University & Australian National University)
 - USAID - Cities Development Initiative (SURGE Project)





GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY

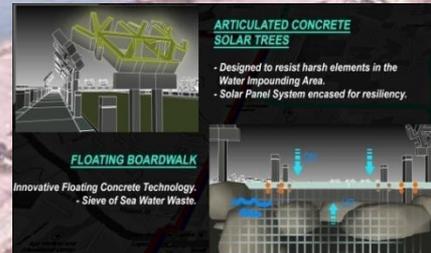


Mitigation Plans

- **Coastal and Marine Resource Management**
 - Corals, Sea-grass and Mangroves Rehabilitation and Protection
- **Desilting of and Slope Stabilization along Lava Channels/Gullies in the Northern & Urban Areas**
 - Mayon Volcano Lava Channels and Urban Area River System
- **Continuation of the Implementation of the City's 10-Year Master Drainage & Flood Control Plan**

Adaptation Plans

- **Climate-Adaptive High Value Crop Production**
- **Feasibility Study on the Establishment of Solar Farms in the Southern Barangays**
- **The Greening of Legazpi City Hall**
(a new city hall building that will showcase the city's green concepts and policies)
- **The Reef**
(a Liveable Cities Design Challenge Top 2 winning entry: a self-powered seaside park with articulated solar trees & floating boardwalk with sieve for sea waste collection)



THE REEF- a Bayfront Park

- Coral-patterned design of sculptural concrete trees
- Conversation art-pieces serving as park shades that encase solar panels, which are built to resist natural elements and human threat
- Self-powered seaside park with floating boardwalks incorporating sieve for sea waste collection system



GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY



On Achieving our Commitment

Technical Expertise

Building local human and institutional capacity to design and implement more effective policies for CC Adaptation and Mitigation

Training, Study Tours/Exchange Visits & Fellowships

Investing in professional capacity to improve job performance and implementation of CC Adaptation and Mitigation projects

Financing

Grants to finance capital intensive yet high impact programs and projects, i.e. Continuation of Master Drainage & Flood Control Program, Sanitary Landfill & Seawall (Wave Deflectors), etc.



GLOBAL COVENANT
of MAYORS for
CLIMATE & ENERGY



Mabalos!

