



# FINANCING LOCAL ACTIONS

## The Legazpi City Experience





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CLIMATE & ENERGY



## **Legazpi City Vision**

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







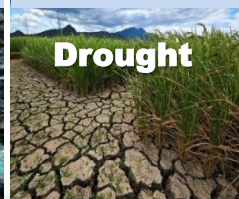
# Climate & Disaster Risk Assessment

## Climate Change Effects and Hazards

### Increase/Decrease Temperature



### Increase/Decrease Seasonal Rainfall



### 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



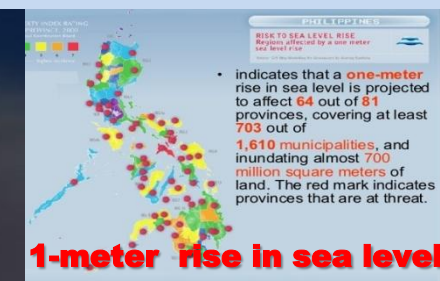
### Transport Mishaps



### Volcanic Hazards



### Sea Level Rise





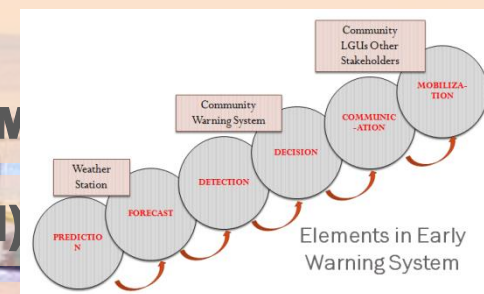


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## Climate Commitments and Targets

- **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)





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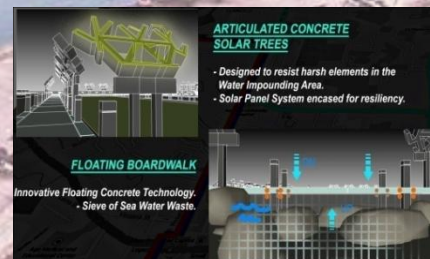


## Mitigation Plans

- **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





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## **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.**



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# *Mabalos!*

