

### SUSTAINABILITY INITIATIVES in the City of Cebu

### Hon. Ma. Nida C. Cabrera

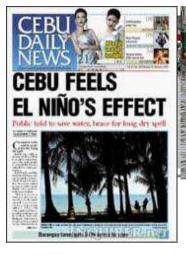
City Councilor, Cebu City Council, Cebu City, PH Chairperson: Committee on Parks and Playground, Wildlife, Ecology and Environmental Management

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#### **MCWD: Metro Cebu water** production down

Cebu Daily News 7:06 am | Saturday, May 4th, 2013

**Saltwater Intrusion** 

in Metro Cebu







Lahug City, Cebu



## **SUSTAINABLE DEVELOPMENT?**

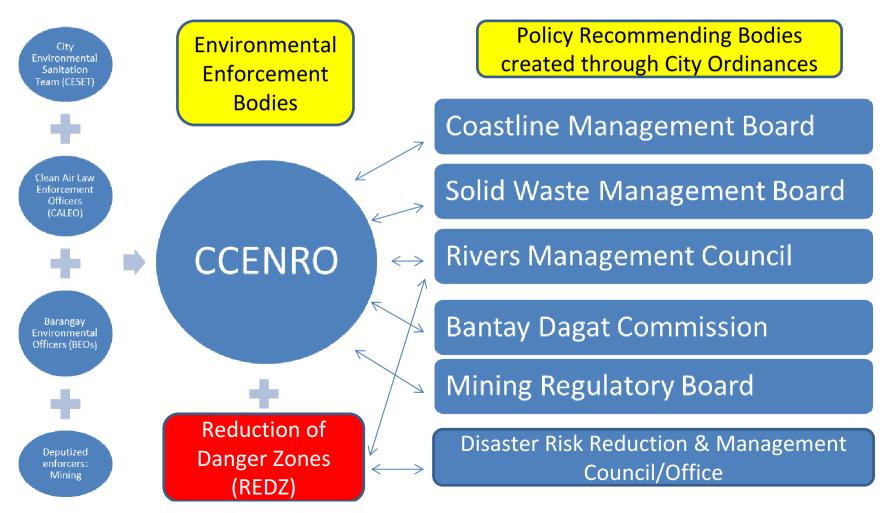


Experts predict - 70% of the world's population \*Rapidly rising set to live in crowded cities. energy costs \*Water shortages/ Sun.Star Cebu | Saturday, March 12, 2011 A25 Saltwater intrusion World's big cities set to grow \*Challenges in SWM even more crowded by 2050 \*Vulnerability to landslides & floods By the \*Extreme weather middle of this century events most regions of the developing world will be \*Preserving heritage # MIPIM, the world's les ng annual real estate even 10 look for the best way fo predominantly urban. and culture "The future of the litorium at the Quality of life MEGA CITY. The Windy City's skyscrapers are seen here at dawn in Chic rre was among leaders aking part in a "mayor's fastest growing economies by the middle of the next decade. le was among leaders SPRAWL: Is t IT PARK

a) City Ordinance No. 2243 (otherwise known as the Sustainable Development Ordinance of the City of Cebu)



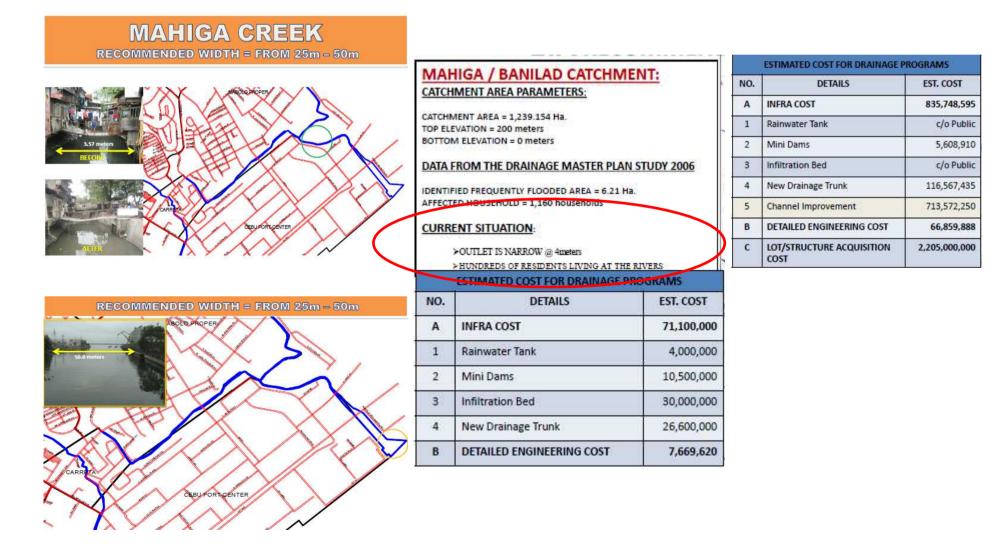
**b)** City Ordinance No. 2234 (creation of the Cebu City Environment and Natural Resources Office – CCENRO)



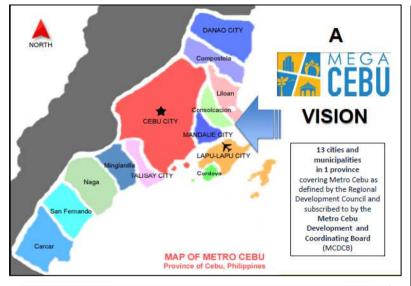
- **c. City Ordinance No. 2343** *No Plastics Saturday Ordinance* (note: to be expanded to a 2<sup>nd</sup> day after 1 year of implementation; part of measures to manage waste plastics that clog up waterways and/or end up in landfills)
- "Plastic Shopping Bag any carry bag or punch hole bag made of polyethylene with a thickness ranging from 7 to 25 microns utilized or sold at the retails point of sale for carrying & transporting retail products or merchandise."



# **d. Clearing Natural Waterways** [integrated with the ongoing effort to update the Drainage Master Plan]



### e. Green Cooperation with Other Cities in the Cebu Province through the Mega Cebu vision



### SMART MEGA-CITIES and CITY REGIONS

- Attract and retain investments and talent
- Handle more people and meet associated demands (jobs, traffic,
- transport, waste, energy
- environment, food, water, l
- recreation, education, etc.)

#### Smart Growth communities are:

1.Connected	Walkable   Bikeable   Transit-Ready   Proximate
2.Compact	As dense as the market will bear
3.Complete	Balance of Jobs   Housing   Retail   School   Programmed Open Space
4.Complex	Housing for a diversity of Age   Income   Transect preference
5.Convivial	Public spaces that are Safe   Engaging   Accessible   Comfortable Buildings that are Resource Efficient   Healthy   Durable   Resilient
6.Conserving	

#### Is Mega Cebu Up To The 6C Challenge?



Source: S. Antonio, DPZ

### Source:



KING

### f. International Partnerships

Kitakyushu City thru the Environmental Cooperation Network of Asian Cities

> Community-based Solid Waste Management Program









Proposed Plastic Waste Recycling Model Project in Barangay Level International Environmental Technology Center (IETC) and United Nations Environment Program (UNEP)

Division of Technology, Industry and Economics

International Environmental Technology Centre





**D**ap

Development Academy of the Philippines Center for Sustainable Human Development Environmental Management Office

#### A. WASTE PLASTIC TO FUEL TECHNOLOGY



Asia Pacific workshop on Integrated Solid Waste Management (ISWM)

Ways Forward

a. Environment Code of the City of Cebu

## b. Comprehensive Land Use Plan (CLUP) and Revision of the Zoning Ordinance

- c. Energy Efficiency and Conservation Program
- d. Green Building Ordinance
- e. Strengthening resilience of communities amidst climate change
- d. Moving towards a low-carbon and resource efficient city; active advocacy in both national and international levels.



# **Our Future: Mega Cebu**

**Metro Management** 

Competitiveness

## THANK YOU FOR YOUR ATTENTION!

