



Partnership towards Green Industry

**General Membership Meeting
of the Philippine Constructors'
Association, Inc.
July 31, 2015**



DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES

Major Programs



REPUBLIKA NG PILIPINAS
KAGAWARAN NG KAPALUPATAN
AT LIKAS NA YAMANG



DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES



REFORESTATION

NATIONAL GREENING PROGRAM

- Plant 1.5 billion trees in 1.5 million hectares of lands of the public domain for a period of six years (2011 to 2016)

BEFORE



AFTER



Brgy. Banban, Ayungon, Negros Oriental
(*Mangium Plantation*)



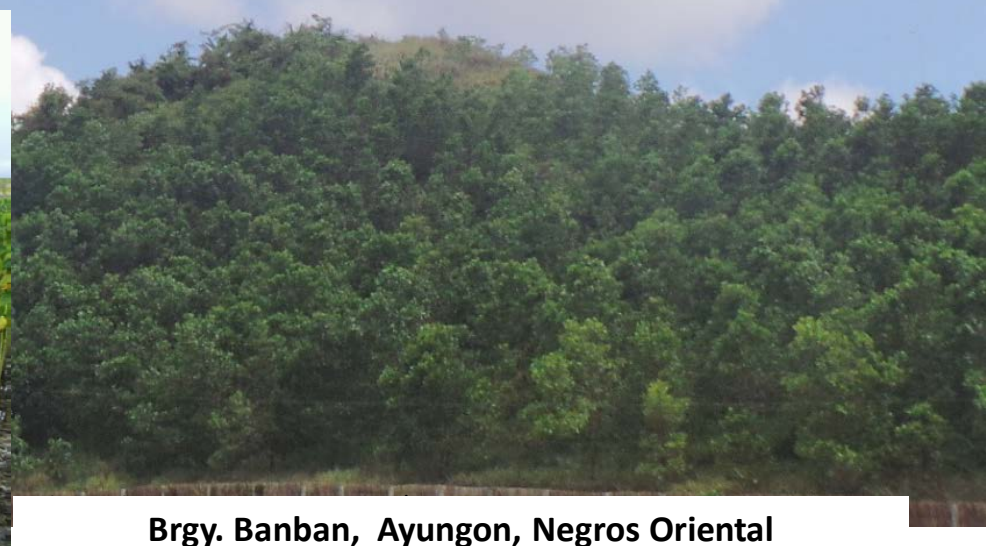
REFORESTATION

NATIONAL GREENING PROGRAM

Performance Indicator	2011		2012		2013		2014		Total	
	Target	Accom	Target	Accom	Target	Accom	Target	Accom	Target	Accom <i>(as of July 2015)</i>
area planted (ha)	100,000	128,558	200,000	221,763	300,000	333,160	300,000	321,532	900,000	1,061,286



Brgy. Banacon, Getafe, Bohol
(Mangrove Plantation)



Brgy. Banban, Ayungon, Negros Oriental
(Mangium Plantation)



REFORESTATION

- **Generated 2,379,773 jobs benefitting 342,045 individuals**



Bagging of soil in Mt. Malindang, Misamis Occidental

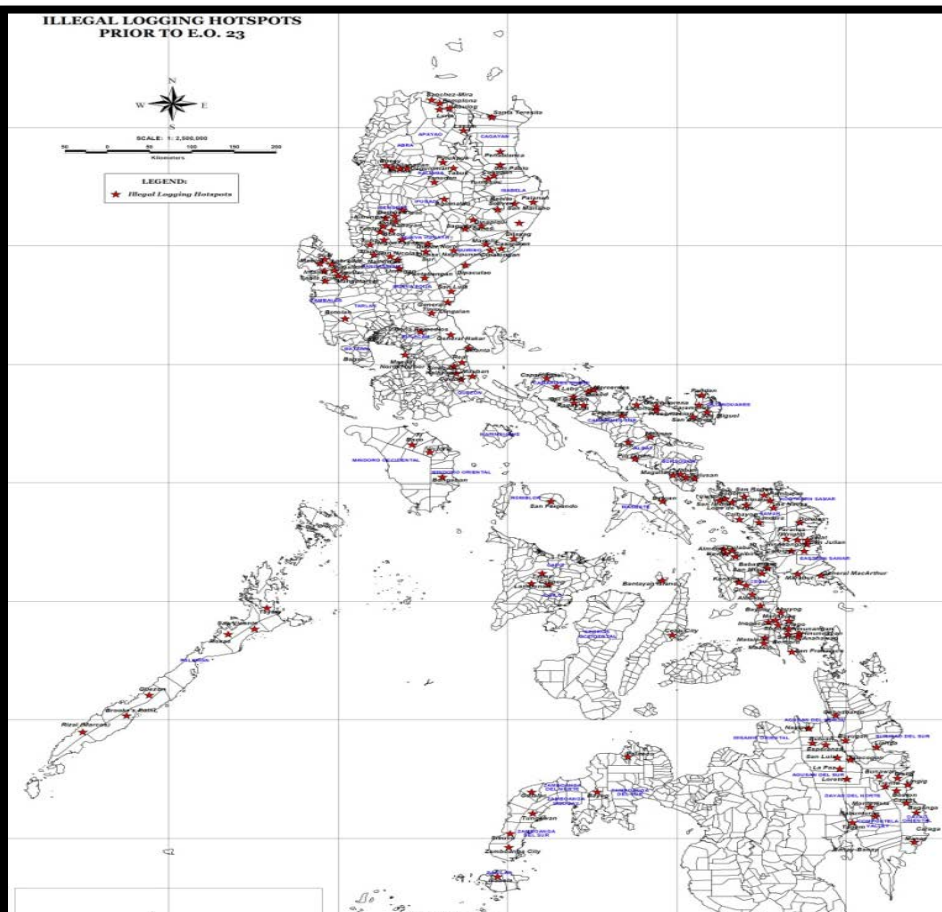


Nursery operations in Mt. Malindang, Misamis Occidental

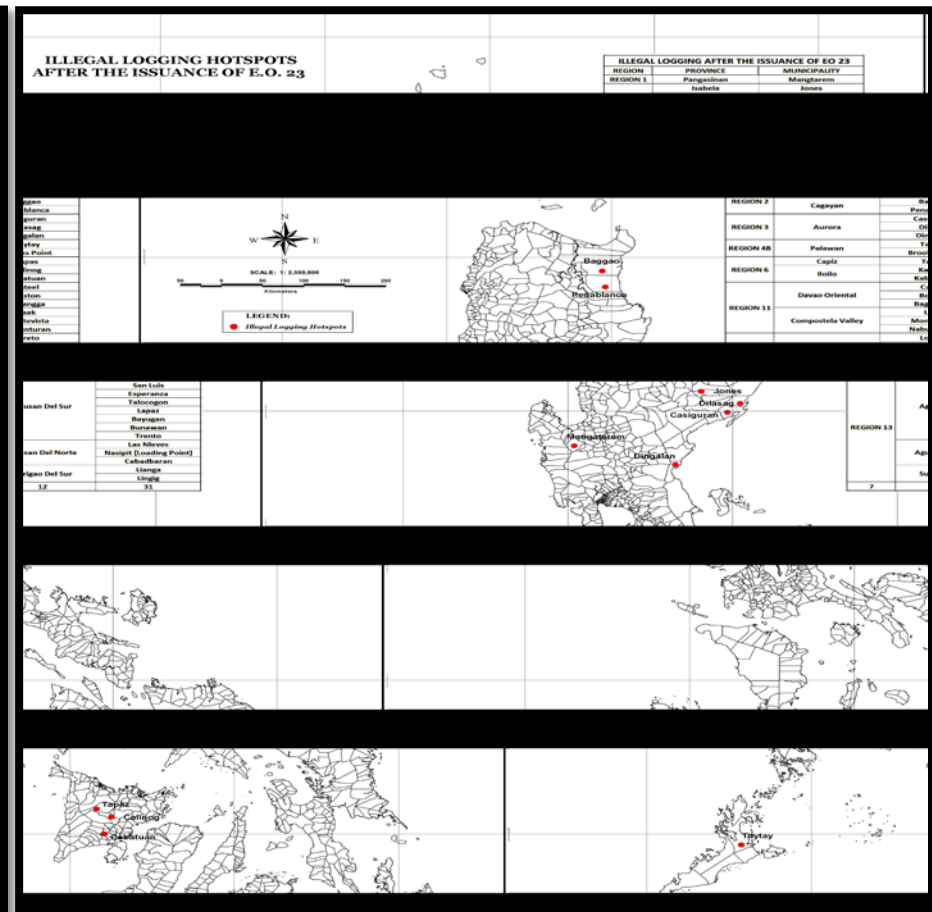


ANTI-ILLEGAL LOGGING (EO 23)

- Significantly reduced illegal logging hotspots from **197 to 31 in 2011** which to date, was further reduced to **23**, corresponding to 88% decrease



BEFORE EO 23

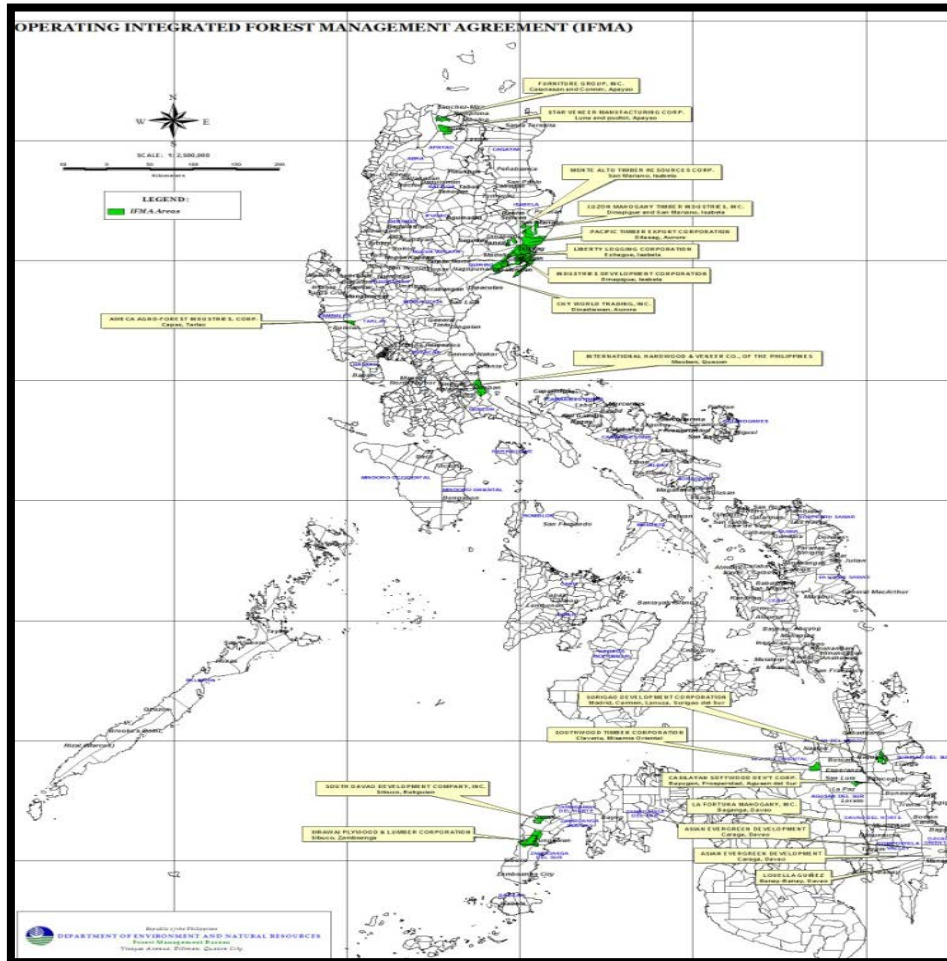


AFTER EO 23

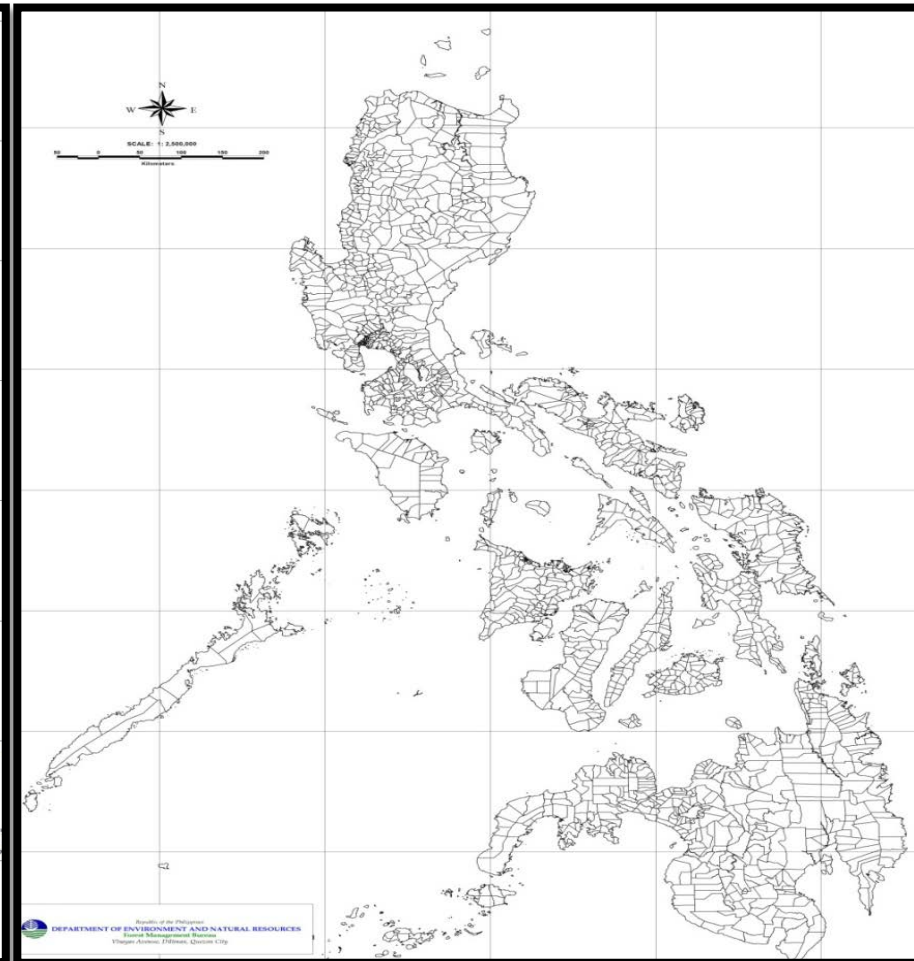


ANTI-ILLEGAL LOGGING (EO 23)

- Closed all logging concessions (19 IFMAs)



BEFORE EO 23



AFTER EO 23



ANTI-ILLEGAL LOGGING (EO 23)

STRICT ENFORCEMENT OF LOGGING BAN

- **Confiscated 30,709,507 board feet of illegally cut and transported forest products**
- **Filed 1,549 cases with 202 persons convicted**





ANTI-ILLEGAL LOGGING (EO 23)

DONATION OF CONFISCATED FOREST PRODUCTS

- **146,471 school armchairs** and furniture were **produced and donated** to public schools while **388 school buildings** were repaired using confiscated logs and lumber
- Confiscated forest products were also donated to other government institutions which were converted to **1,820 chairs, 105 double-deck beds, 110 hospital beds, 102 core shelters** and repaired **18 government buildings**



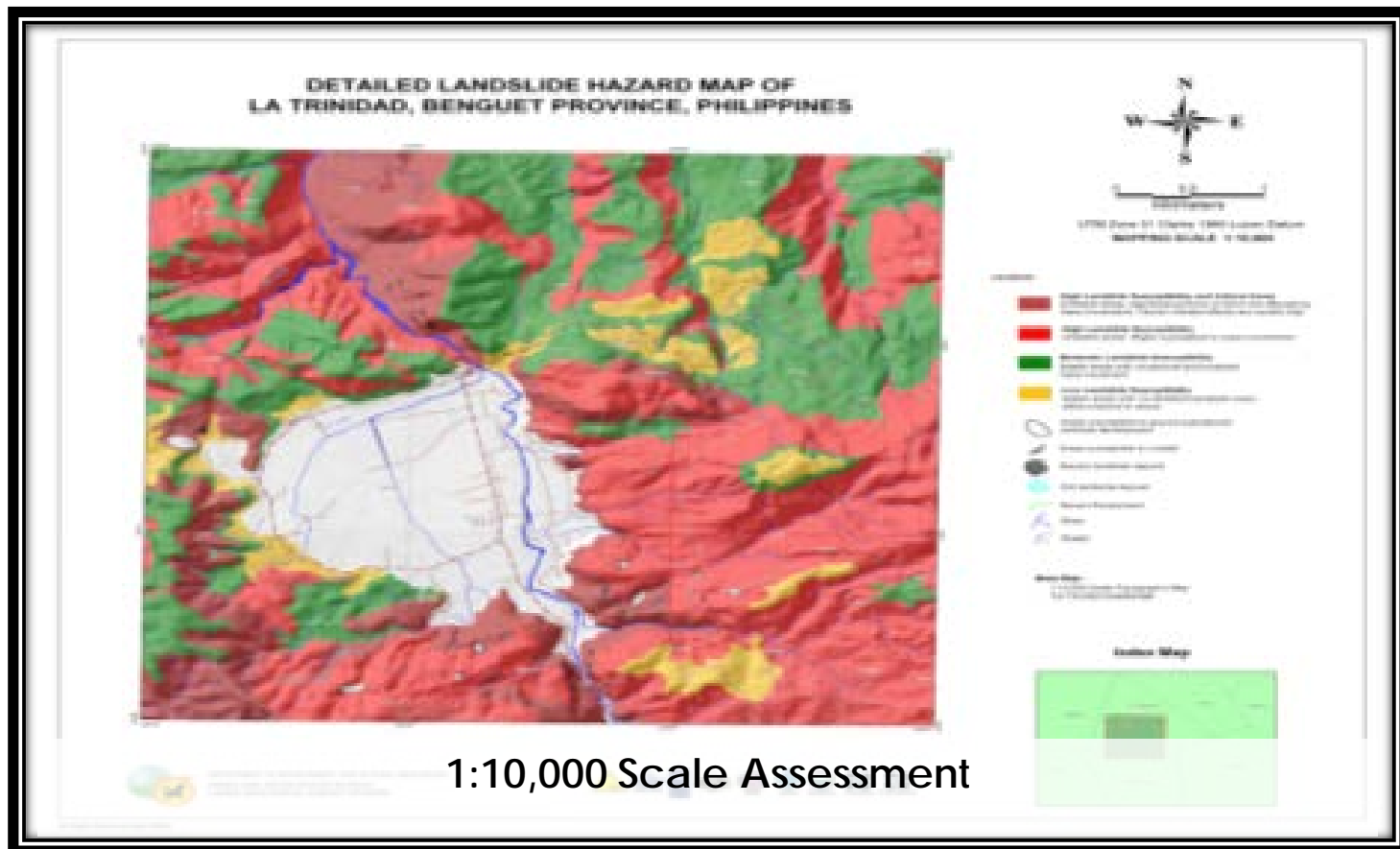
Confiscated logs/lumber manufactured into school furniture



MAPPING

NATIONAL GEOHAZARDS ASSESSMENT

- Completed geohazards assessment and mapping of entire country (1,634 cities/municipalities) at 1:10,000 scale



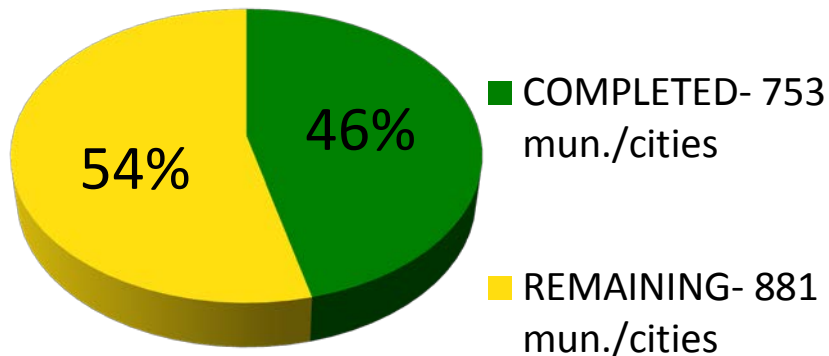


LANDS

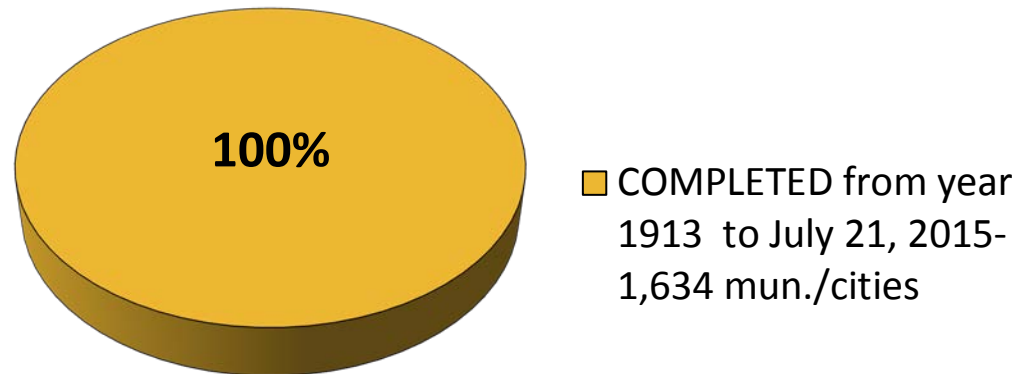
NATIONAL CADASTRAL SURVEY

- **Surveyed a total of 1,634 cities and municipalities comprising 100% of the total municipalities nationwide**

1913-2009



2010-2015



Cadastral Survey Program finally completed



FORESTLAND BOUNDARY DELINEATION

**forest boundary delineation completed
covering 88,665.95 kilometers**



MINING

Gross Production Value and Taxes, Fees and Royalties from Large-Scale Metallic Mining

Year	2010	2011	2012	2013	2014
Gross Production Value (PhP)	69.1 Billion (+61%)	88.5 Billion (+28%)	97.1 Billion (+10%)	98.2 Billion (+1%)	137.6 Billion* (+40%)
Taxes, Fees and Royalties (PhP)	11.0 Billion	14.0 Billion	15.5 Billion	18.8 Billion	22.4 Billion

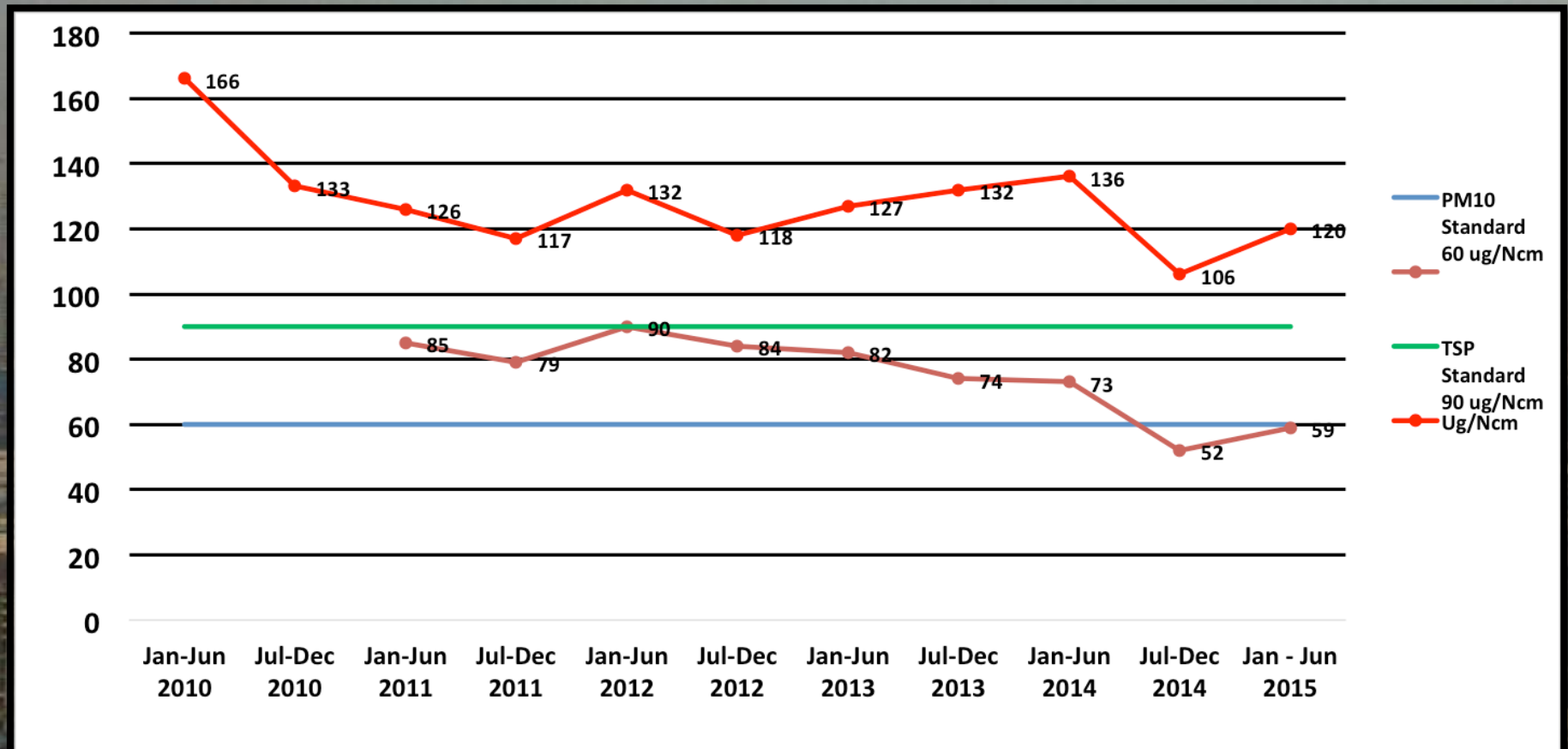
** recorded as all-time high*



CLEAN AIR

TSP and PM₁₀ levels in Metro Manila

- Reduced TSP level by 28% from the 2010 level
- Reduced PM₁₀ level by 31% from the 2011 level





CLEAN AIR

- Mandating, through DAO 2015-04, the shift from Euro 2 to Euro 4 emission and fuel standard (i.e., sulfur content of fuel reduced from 500 ppm to 50 ppm)



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MAR 24 2015

DENR ADMINISTRATIVE ORDER

No. 2015- 04

Subject: **Implementation of Vehicle Emission Limits for Euro 4/IV, and In-Use Vehicle Emission Standards**

Fuel type	Euro IV fuel	Euro II fuel
1. Diesel - Sulfur	50 ppm	500 ppm
2. Gasoline -Sulfur	50 ppm	500ppm
- Benzene (% by volume, max.)	1	5
- Aromatics (% by volume, max.)	35	No limit



CLEAN WATER

Launched “Adopt-A-Estero/ River” Program

- 329 esteros/rivers adopted and 549 MOAs signed nationwide



Clean-up of Bitan-Ag Creek, Cagayan de Oro

A low-angle, night-time photograph of a modern skyscraper with a glass facade. The building is illuminated from within, showing many lit windows. A crescent moon is visible in the dark sky to the right of the building. The text "Thank you." is overlaid in the center in a bright yellow font.

Thank you.