



Republic of the Philippines

**Philippine Statistics Authority**

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# Sustainable **Statistical** Resource Management as a Tool for Reducing Carbon Emissions **and** **Monitoring the SDGs**

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**Asia-Europe Sustainable Development Goals and Financing:  
No Longer Business as Usual  
6–7 September 2017 | Hanoi, Viet Nam**



## **Outline**

- 1. Sources of data on SDGs / carbon emissions**
- 2. Financing of Statistics in the Philippines in support of monitoring the SDGs**
- 3. Statistics: Business Unusual**
- 4. Ways forward**

# I. Sources of Data on SDGs / GHG / Carbon Emissions

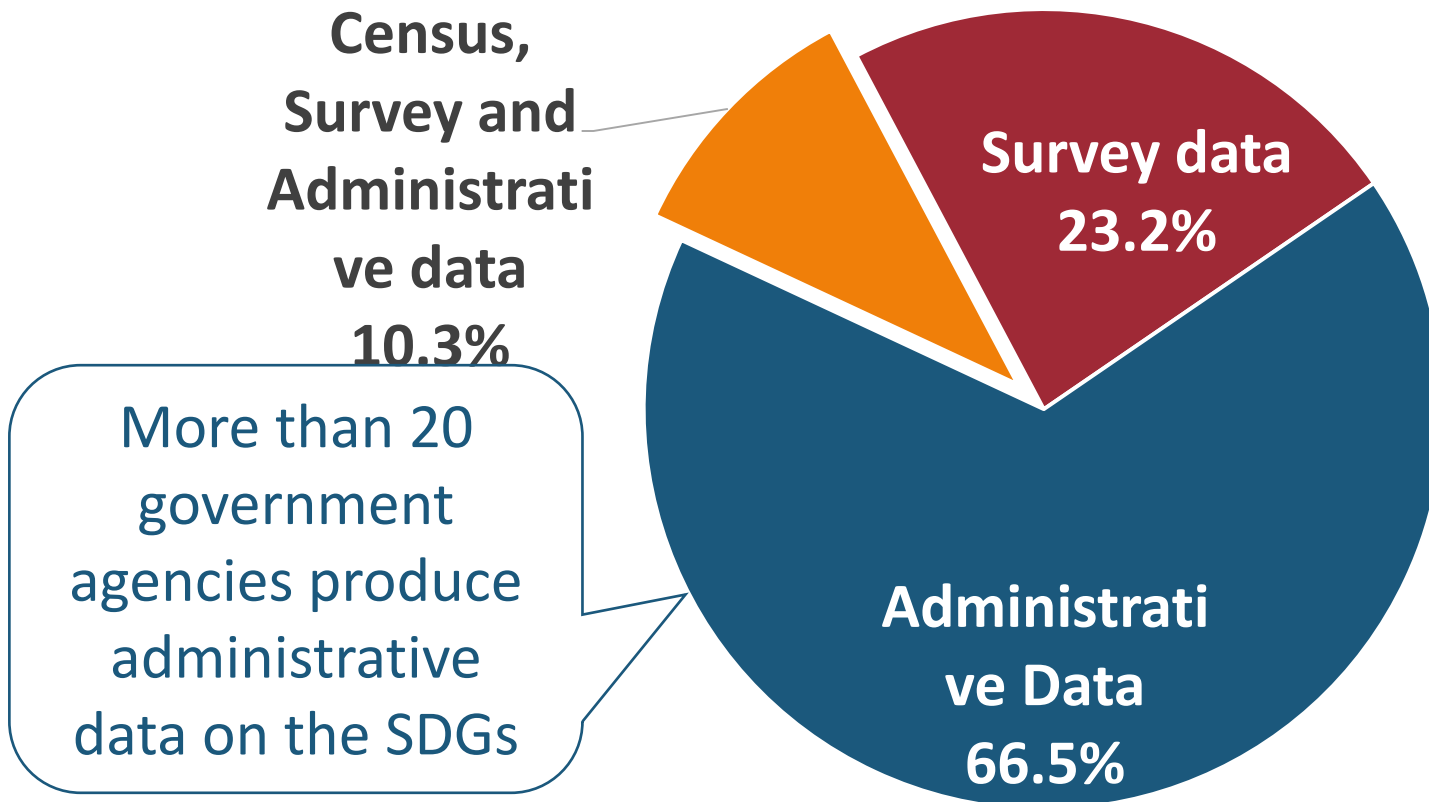
## No. of SDG indicators available in the Philippine Statistical System (PSS) by Source

Sources of Data	SDG Indicators (232)	GHG / Carbon Emissions (3)
1. Censuses and Surveys	36	-
2. Administrative Data	103	1
3. Combination of 1 and 2	16	-
<b>Total</b>	<b>155 (66.8%)</b>	<b>1 (33.3%)</b>

(as of August 2017)

# I. Sources of Data on SDGs / GHG / Carbon Emissions

## Sources of 155 available SDG Indicators in the PSS by Type of Source (as of August 2017)



# I. Sources of Data on SDGs / GHG / Carbon Emissions

## SDG indicators on air quality – Availability in the PSS (as of August 2017)

**3.9.1** Mortality rate attributed to household and **ambient air pollution**



**11.6.2** Annual mean levels of **fine particulate matter** (e.g. PM2.5 and PM10) in cities (population weighted)

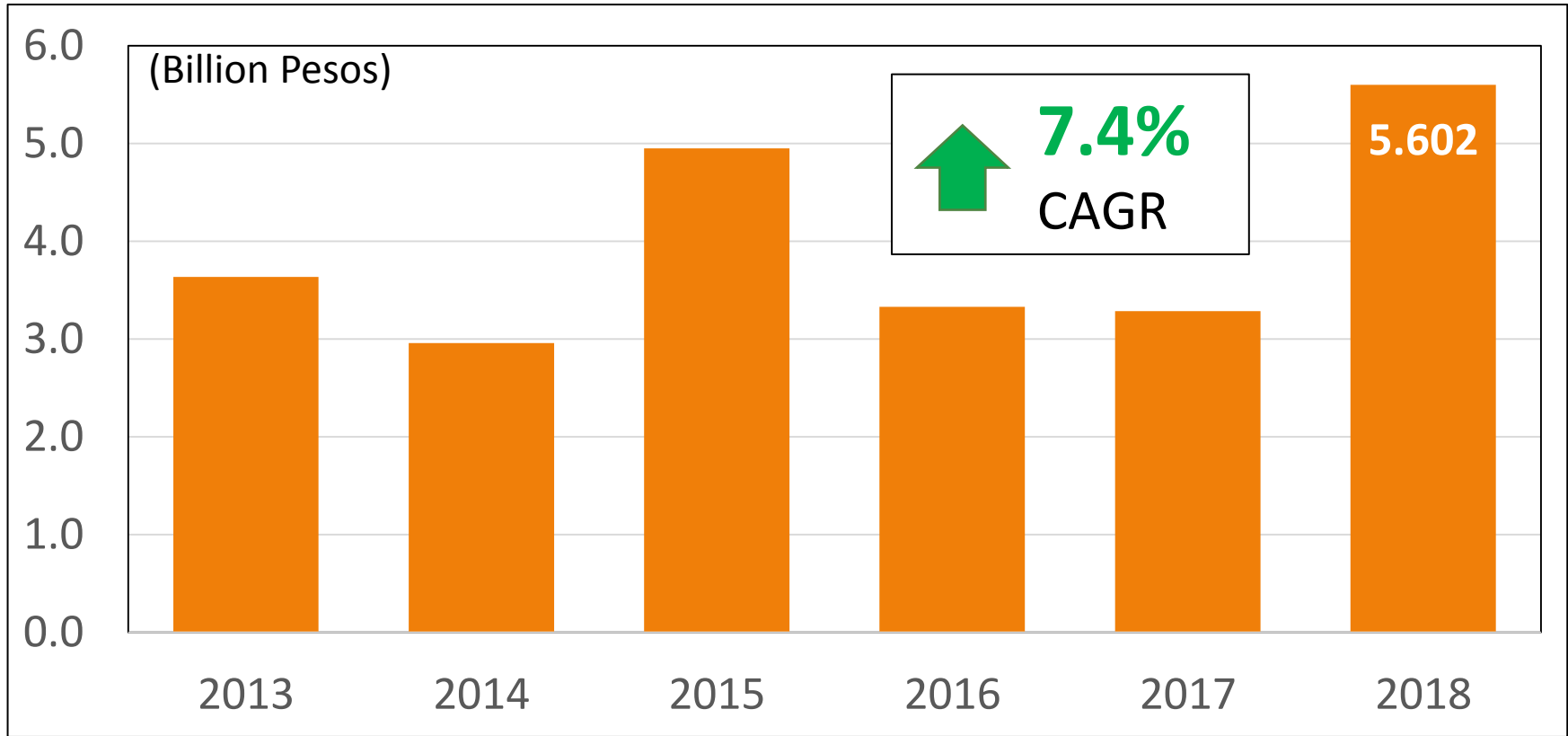


**13.2.1** Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and **low greenhouse gas emissions** development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other)



## II. Financing of Statistics in the Philippines

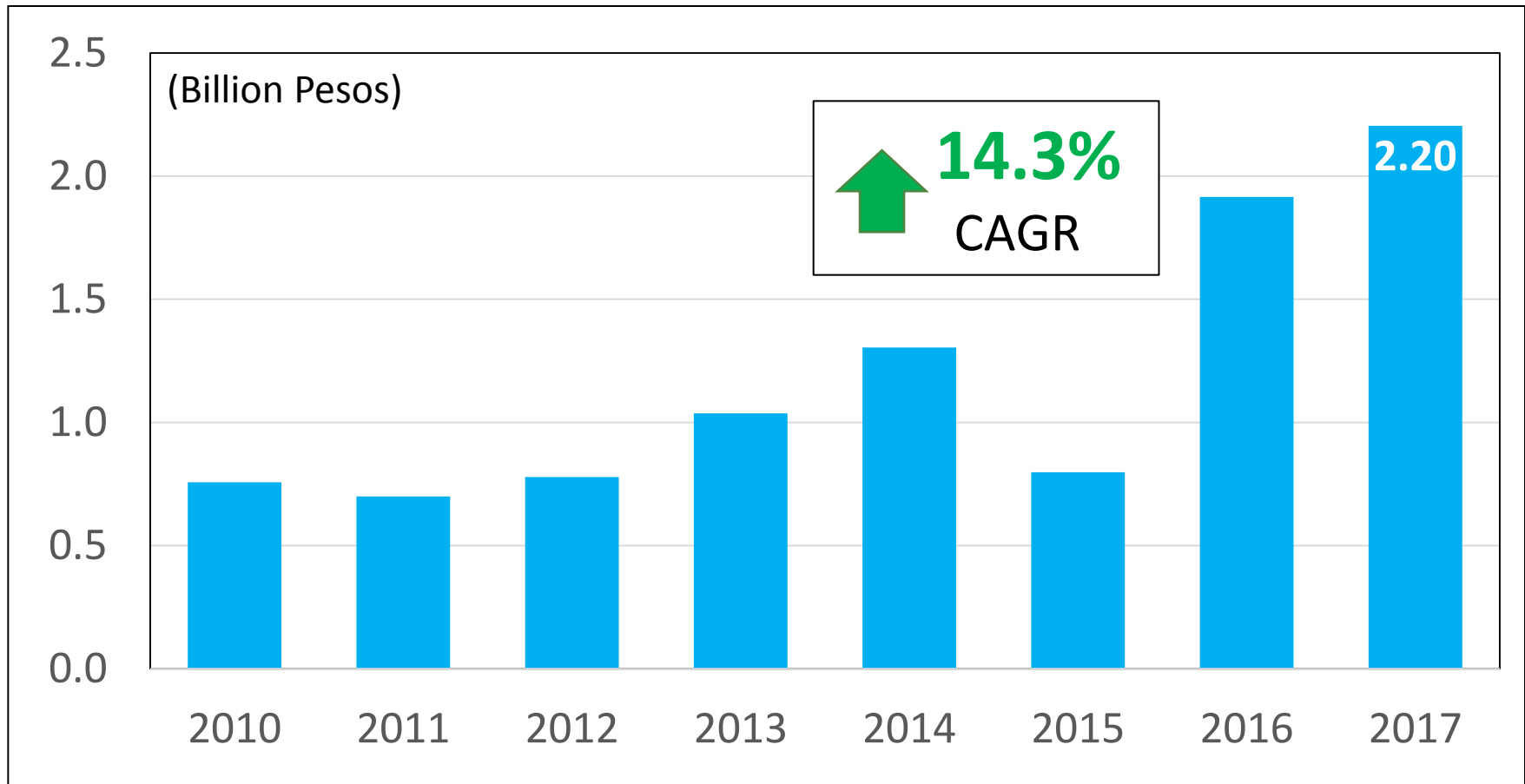
### Budget of the Philippine Statistics Authority (PSA): 2013-2018



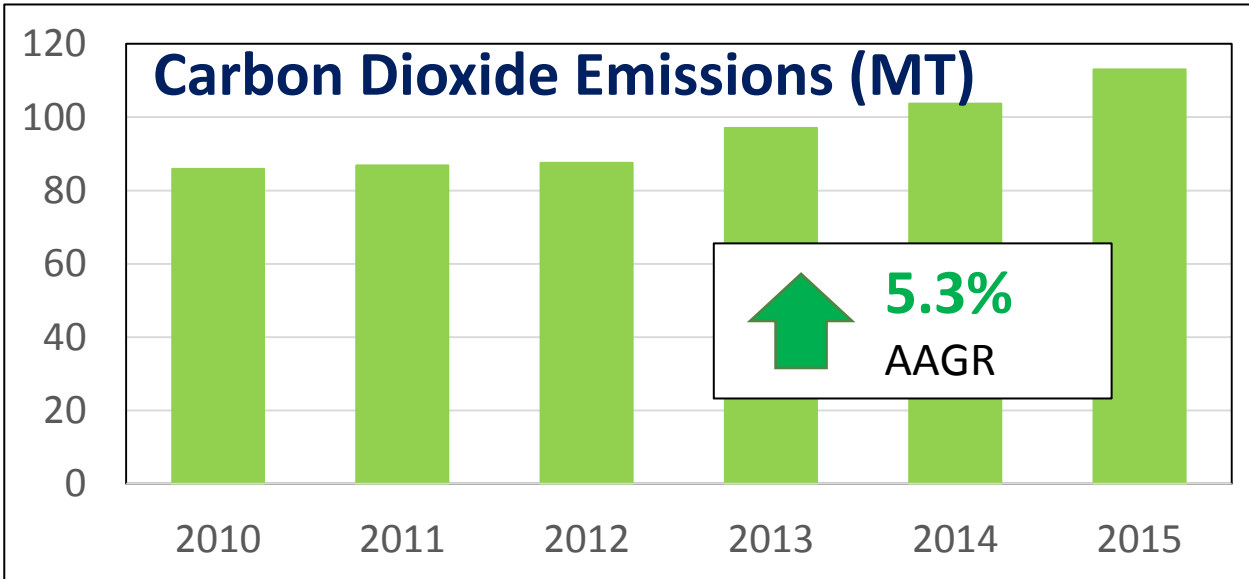
<b>% GDP</b>	<b>0.03</b>	<b>0.02</b>	<b>0.04</b>	<b>0.02</b>	<b>n/a</b>	<b>n/a</b>
<b>% Total</b>	<b>0.18</b>	<b>0.13</b>	<b>0.19</b>	<b>0.11</b>	<b>0.10</b>	<b>0.15</b>

## II. Financing of Statistics in the Philippines

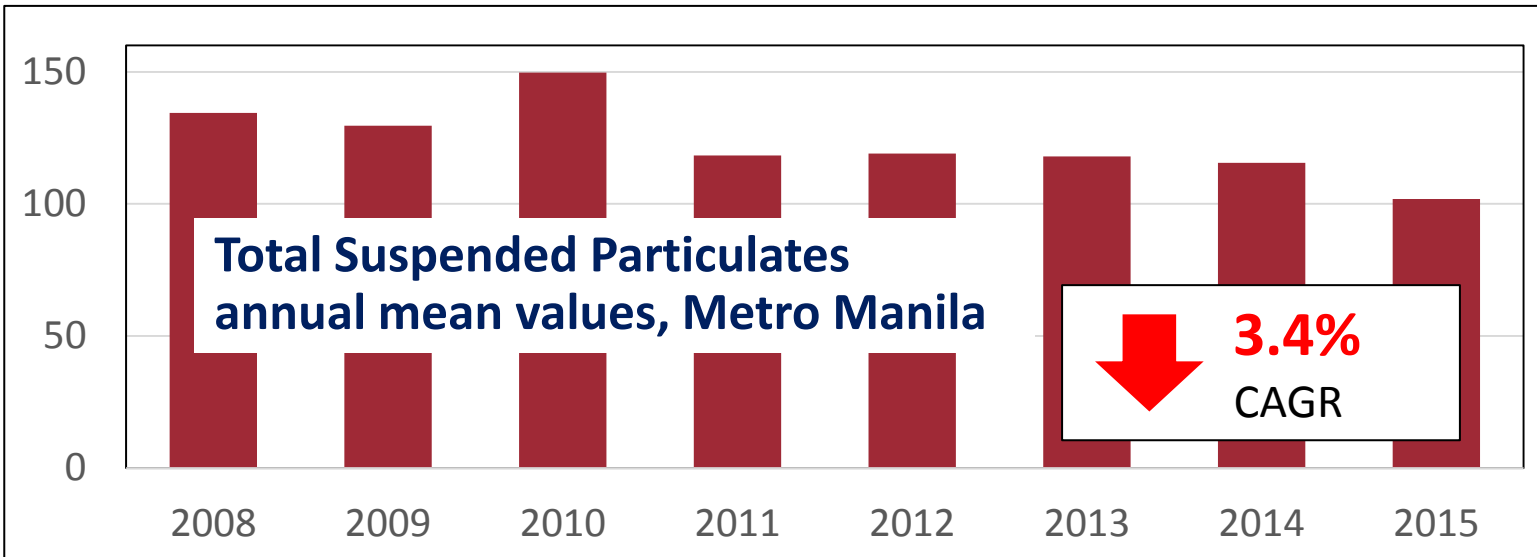
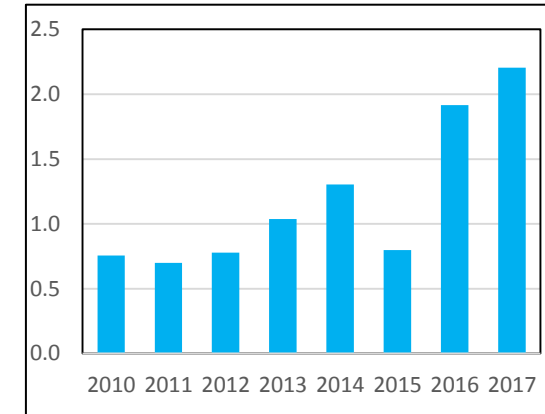
### Budget of the Environmental Management Bureau: 2013-2018



## II. Financing of Statistics in the Philippines



### Budget





## **III. Statistics – Business Unusual**

### **Issues**

- **Timeliness**
- **Lack of disaggregation (“*leaving no one behind*”); geographical and sectoral)**
- **Sustainability of statistical activities: funding**
- **Methodological issues**
- **Quality issues**
- **Need for capacity building**

- Modernization
- Innovation
- Transformation

### III. Statistics – Business Unusual

Traditional	“Business Unusual”
Census, surveys	Big data, citizen-generated data, satellite images
Paper questionnaires	Computer-aided Personal Interview (CAPI), tablets
Face-to-face interviews	Online submission
Data silos	Data ecosystem
Data analysis	Infographics, Data visualizations, Data storytelling, Data poetry
Data warehouse	Data garden
Data sharing	Data philanthropy (CSR), Open data
<b>Data Revolution</b>	

## **IV. Ways forward**

- **Invest in Statistics.**
- **Invest in Official Statisticians.**
- **Invest in Statistical Offices.**

**Sustainable Data  
for  
Sustainable Development**





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# Thank You!



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