

PROCUREMENT DATA ANALYTICS : THE PHILIPPINE EXPERIENCE



OUTLINE

I. OBJECTIVES IN BUILDING AN E-PROCUREMENT SYSTEM

II. VALUE OF THE DATA COLLECTED FROM E-GP SYSTEMS

I. OPEN DATA IN PHILGEPS

II. VIDEO FROM LAYERTECH

III. CHALLENGES

VI. MOVING FORWARD



WHY DO COUNTRIES IMPLEMENT AN E-GOVERNMENT PROCUREMENT (E-GP) SYSTEM ?



Governance

- Transparency
- Accountability



Value for Money

- Economy
- Efficiency
- Effectiveness



Economic Development

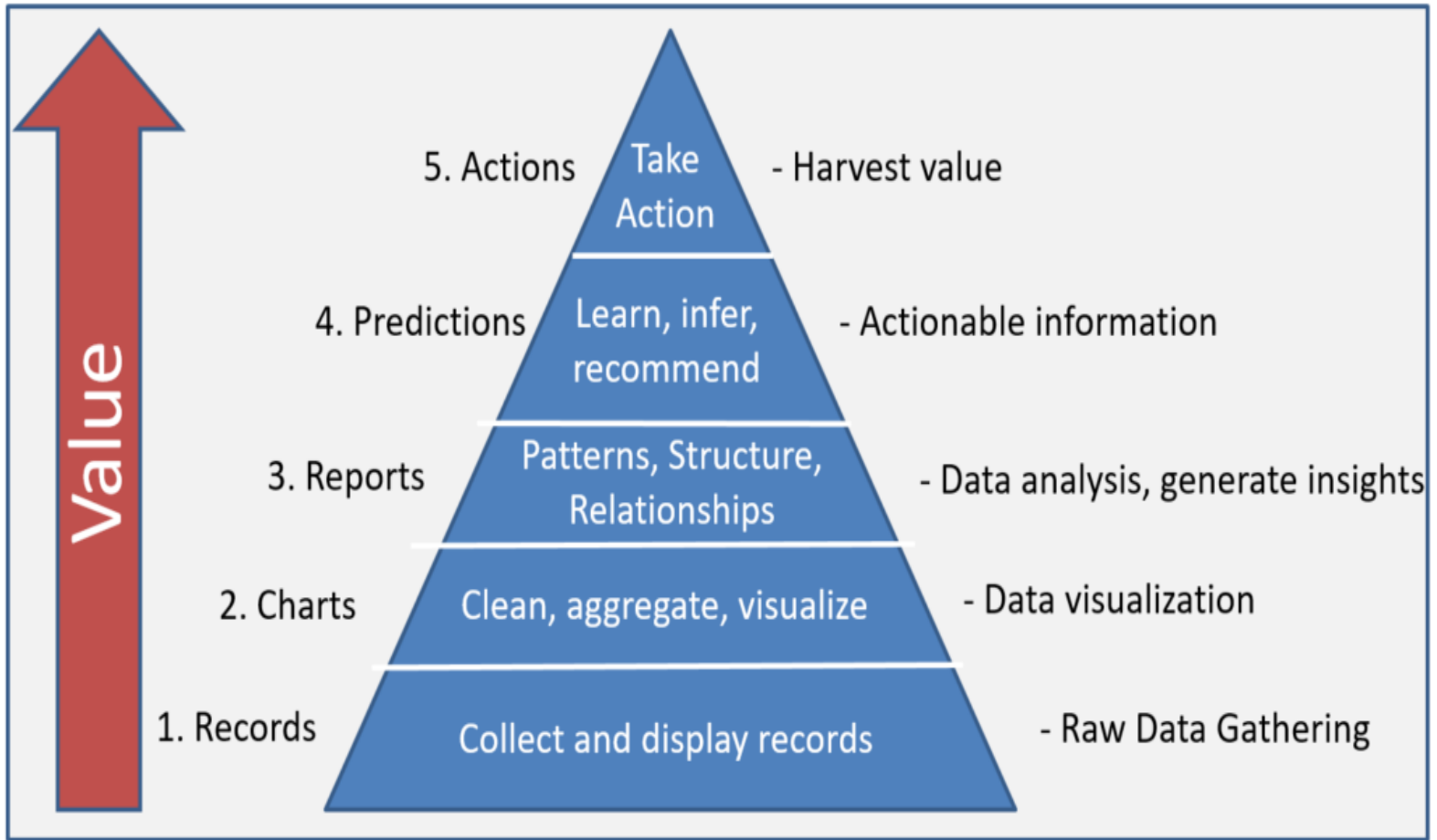
- Business Development
- Competitiveness



Management Information Systems

- Generation of Reports
- Procurement Data Analysis

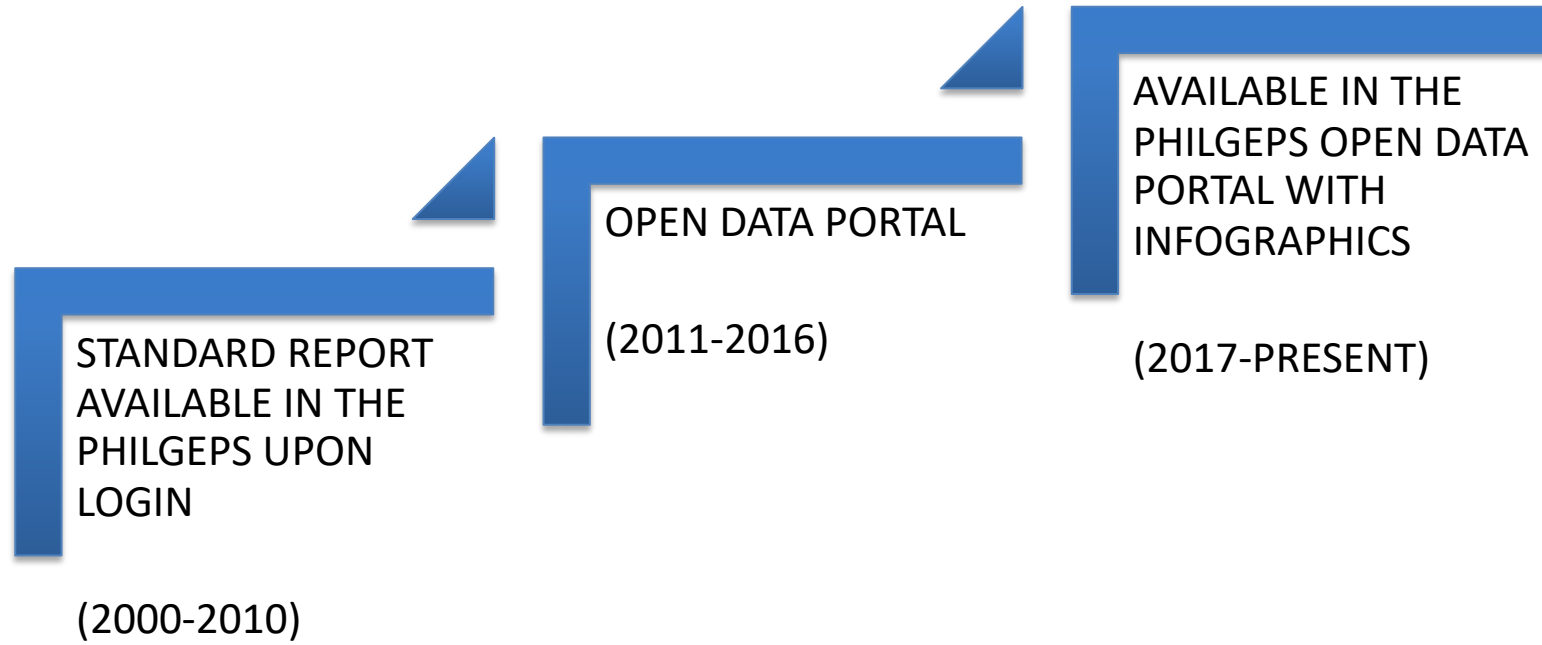
WHAT IS THE VALUE OF DATA COLLECTED FROM E-GP SYSTEMS ?



Source : Theburndown.com



PHILGEPS DATA STORY





Standard Reports and Datasets

[Open Data](#) / [Standard Reports and Datasets](#)

Standard Reports

Number of Registered Organizations per Year

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [Mar 31, 2017](#) [Apr 30, 2017](#) [May 31, 2017](#) [June 30, 2017](#)

Number of Registered Agencies per Organization Type

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [Mar 31, 2017](#) [Apr 30, 2017](#) [May 31, 2017](#) [June 30, 2017](#)

Number of Registered Suppliers per Form of Organization

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [Mar 31, 2017](#) [Apr 30, 2017](#) [May 31, 2017](#) [June 30, 2017](#)

Number of Registered Suppliers per Membership Type

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [Mar 31, 2017](#) [Apr 30, 2017](#) [May 31, 2017](#) [June 30, 2017](#)

Number and Amount of Bid and Award Notices Posted per Year

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [June 30, 2017](#)

Number and Amount of Bid and Award Notices Posted per Year per Mode of Procurement

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [June 30, 2017](#)

Number and Amount of Bid and Award Notices Posted per Year per Classification

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [June 30, 2017](#)

Number and Amount of Bid and Award Notices Posted per Year per Business Category

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [June 30, 2017](#)

Number of Bid Notices with Posted Results

[2016](#) [Jan 31, 2017](#) [Feb 28, 2017](#) [June 30, 2017](#)

Datasets

Bid Notices and Award Notices

Data as of June 30, 2017

2000 - 2004

[Jan-Jun 2005](#) [Jul-Dec 2005](#) [Jan-Jun 2006](#) [Jul-Dec 2006](#)

[Jan-Mar 2007](#) [Apr-Jun 2007](#) [Jul-Sep 2007](#) [Oct-Dec 2007](#)

[Jan-Mar 2008](#) [Apr-Jun 2008](#) [Jul-Sep 2008](#) [Oct-Dec 2008](#)

[Jan-Mar 2009](#) [Apr-Jun 2009](#) [Jul-Sep 2009](#) [Oct-Dec 2009](#)

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[Jan-Mar 2015](#) [Apr-Jun 2015](#) [Jul-Sep 2015](#) [Oct-Dec 2015](#)

[Jan-Mar 2016](#) [Apr-Jun 2016](#) [Jul-Sep 2016](#) [Oct-Dec 2016](#)

[Jan-Mar 2017](#) [Apr-Jun 2017](#)

Note: The files are hosted in Google Drive, click on download button in case there are problems in the preview of the document.

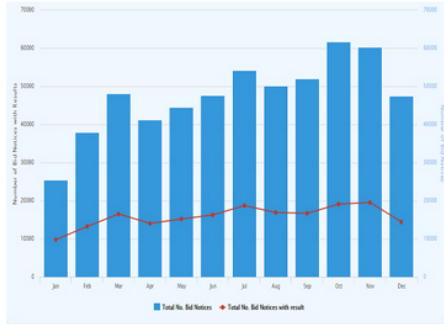


Bid and Award Notices Infographics

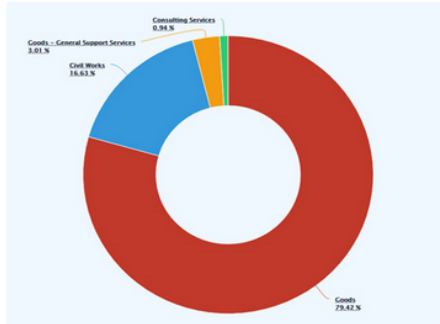
Open Data / Bid and Award Notices

Bid and Award Notices

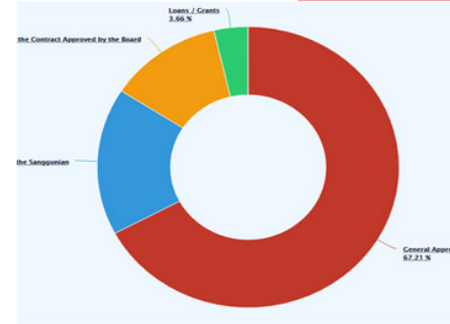
This dashboard features the bid and award notices posted for 2015 to 2019. Status of the notices is as of August 31, 2019.



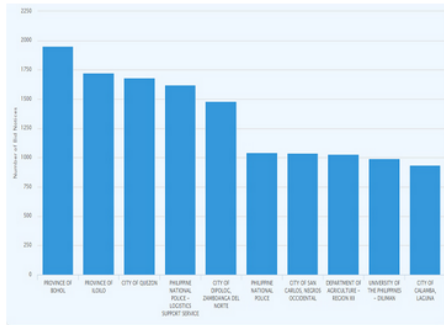
Bid Notices Posted with Results per Month



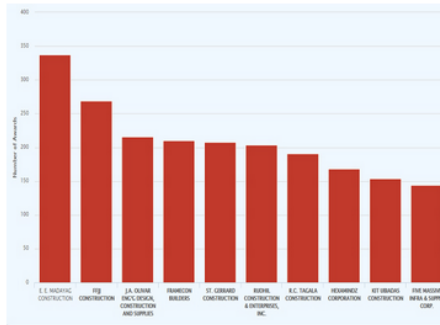
Distribution of Bid Notices Posted by Classification and by Procurement Mode



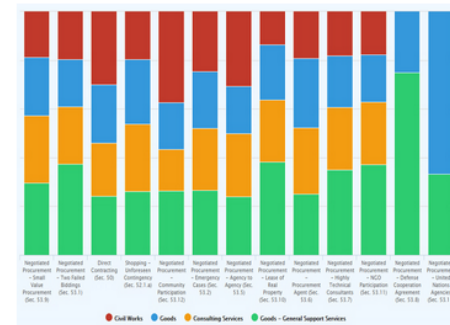
ABC of Bid Notices by Funding Instrument and by Procurement Mode



10 Agencies with the Highest Number of Posted Public Bidding Notices



10 Suppliers with the Most Number of Award Notices per Classification



Alternative Modes of Procurement by Classification

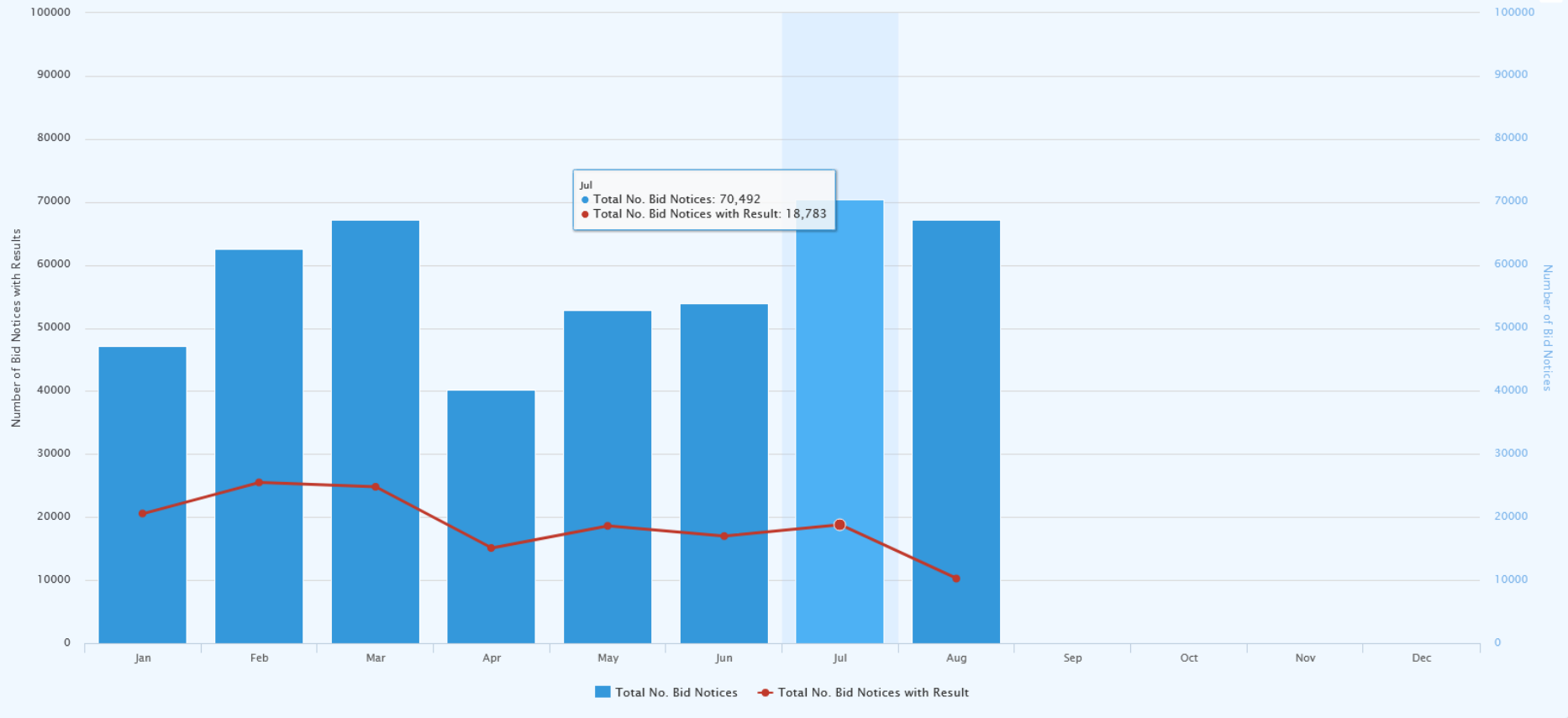


Bids Notices Posted with Results per Month

Bid Notices Posted with Results per Month

Select Year: 2019

As of August 31, 2018, only 29.9% of posted bid notices have posted result (i.e., notices that have been awarded, shortlisted, cancelled, or declared as failed).

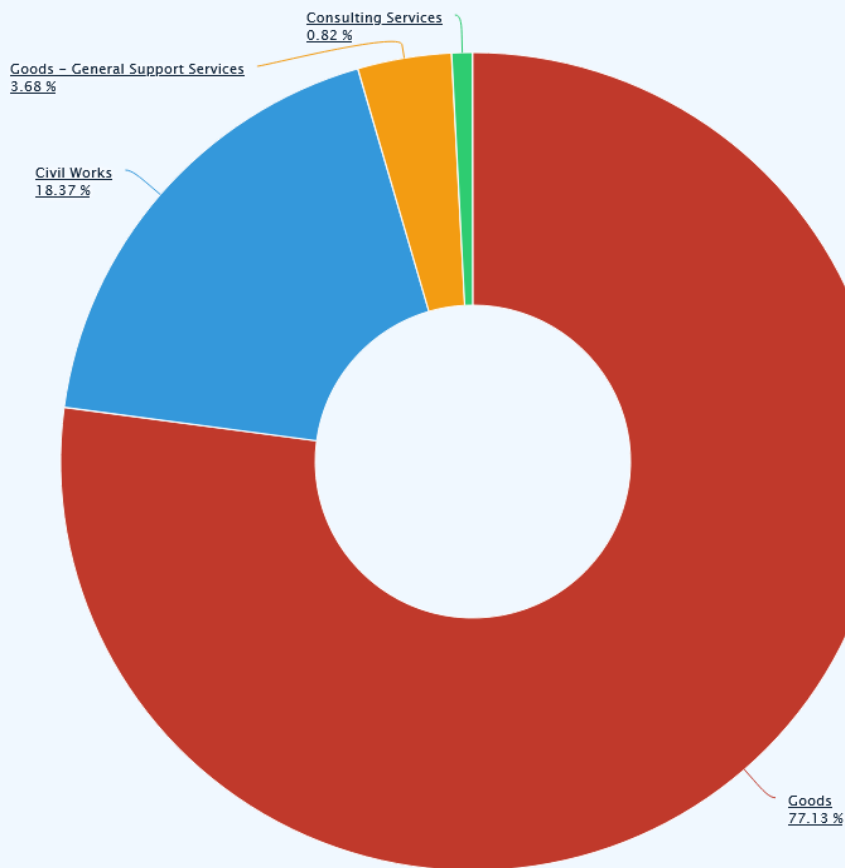


Distribution of Bid Notices Posted by Classification and by Procurement Mode

Distribution of Bid Notices Posted by Classification and by Procurement Mode

Select Year : 2019

Majority of the notices posted as of August 31, 2019 are for procurement of goods. 84.86% of the civil works projects are procured through public bidding.

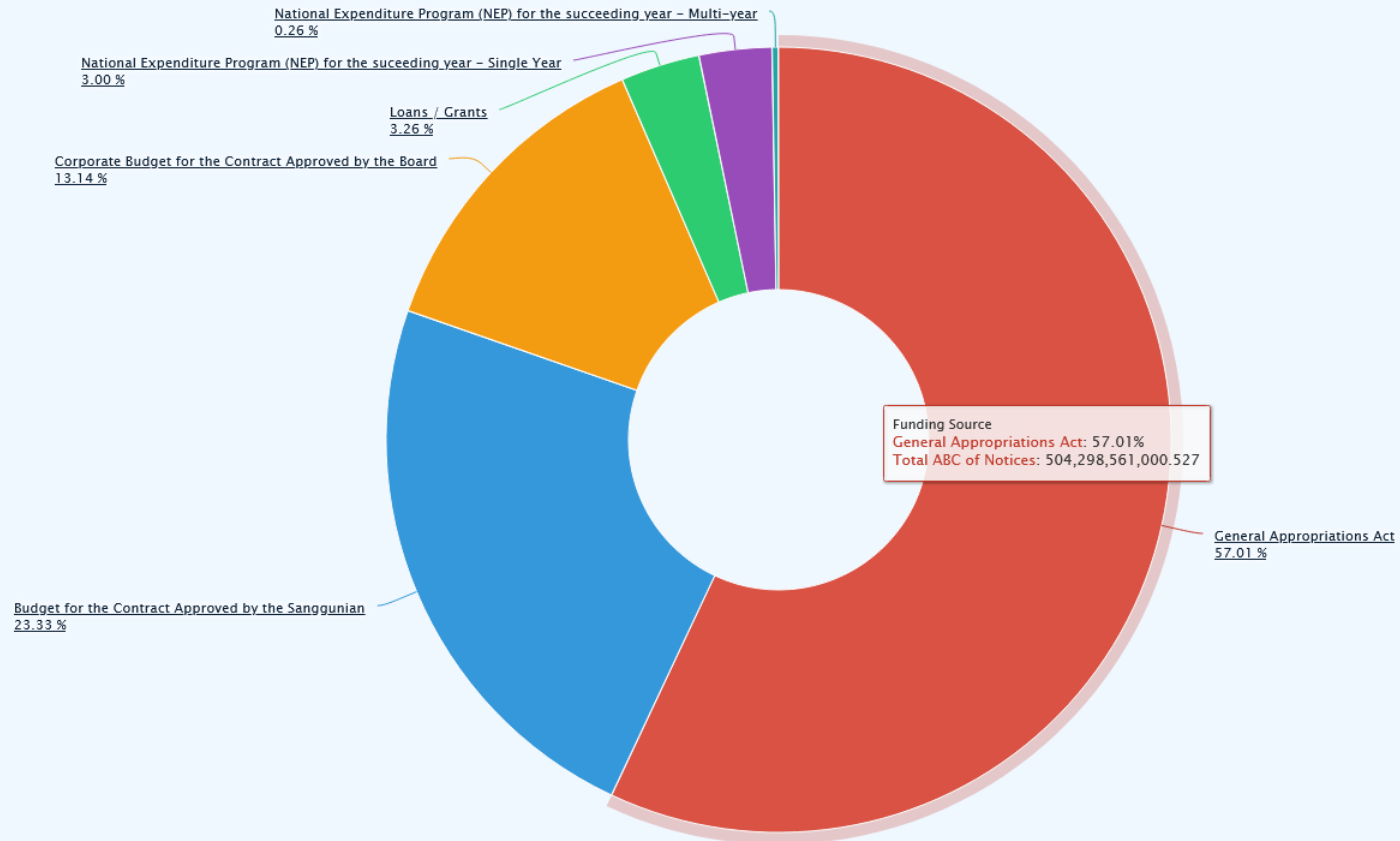


ABC of Bid Notices by Funding Instrument and by Procurement Mode

ABC of Bid Notices by Funding Instrument and by Procurement Mode

Select Year : 2019

57.01% of the total budget spent for procurement comes from the General Appropriations Act (as of August 31, 2019)

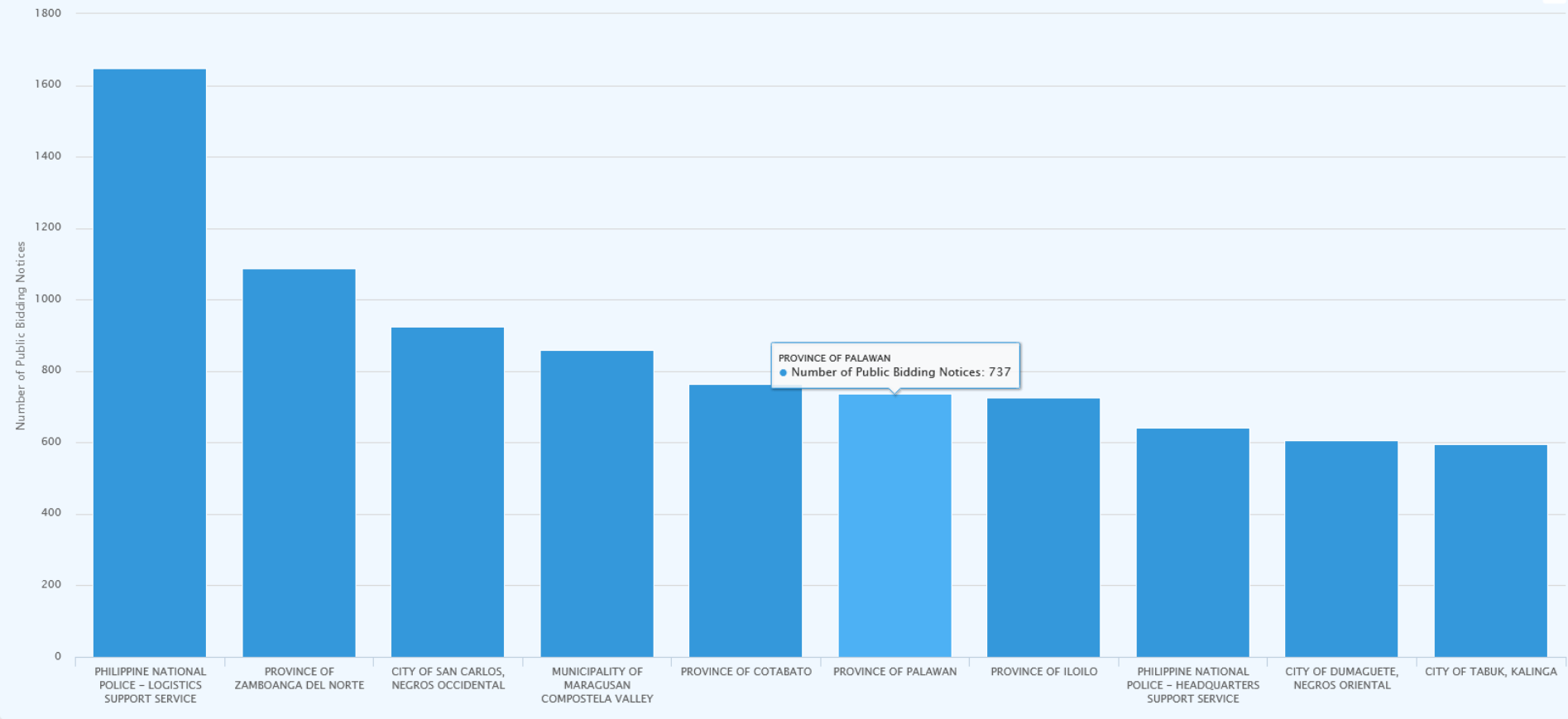


10 Agencies with the Highest Number of Posted Public Bidding Notices

10 Agencies with the Highest Number of Posted Public Bidding Notices

Select Year : 2019

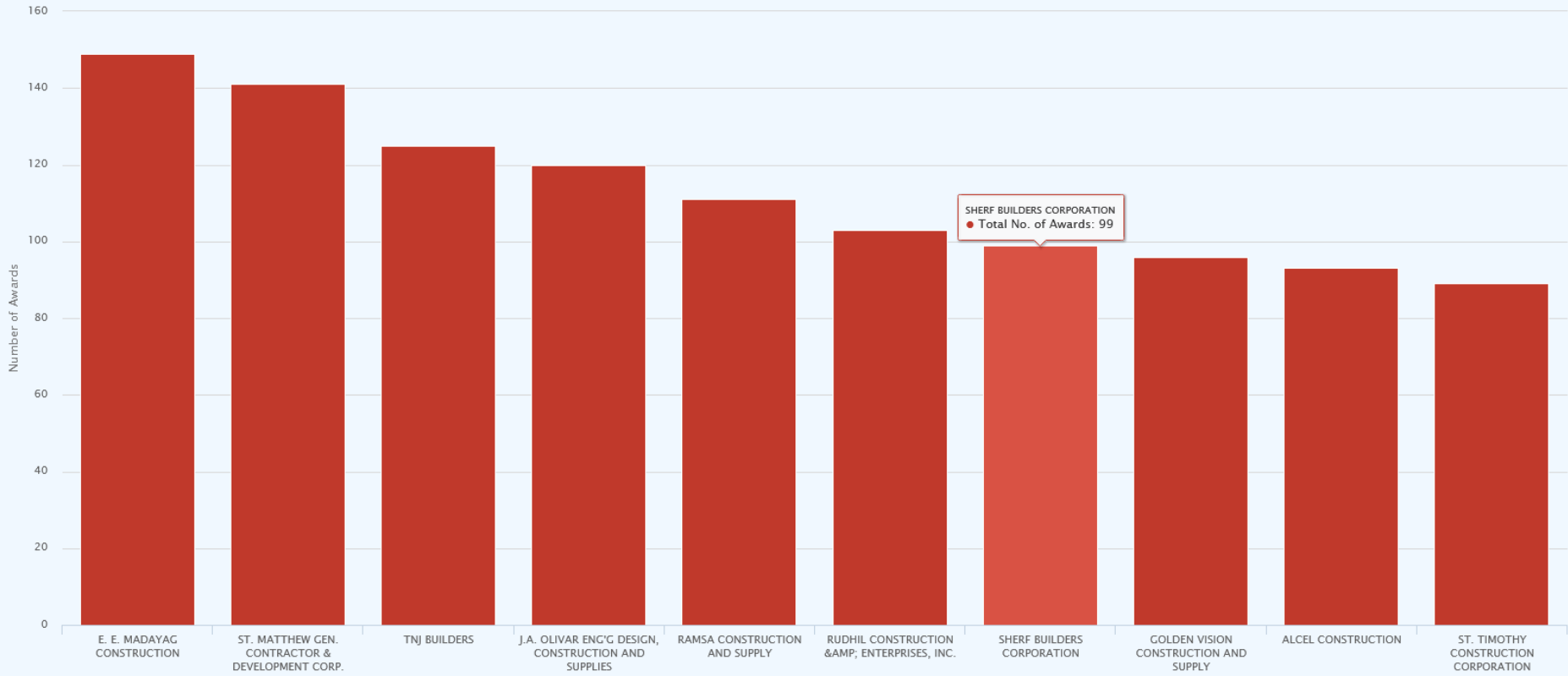
The Philippine National Police – Logistics Support Service tops the list for the most number of public bidding notices posted as of August 31, 2019.



Top 10 Suppliers for Civil Works

Top 10 Suppliers for Civil Works

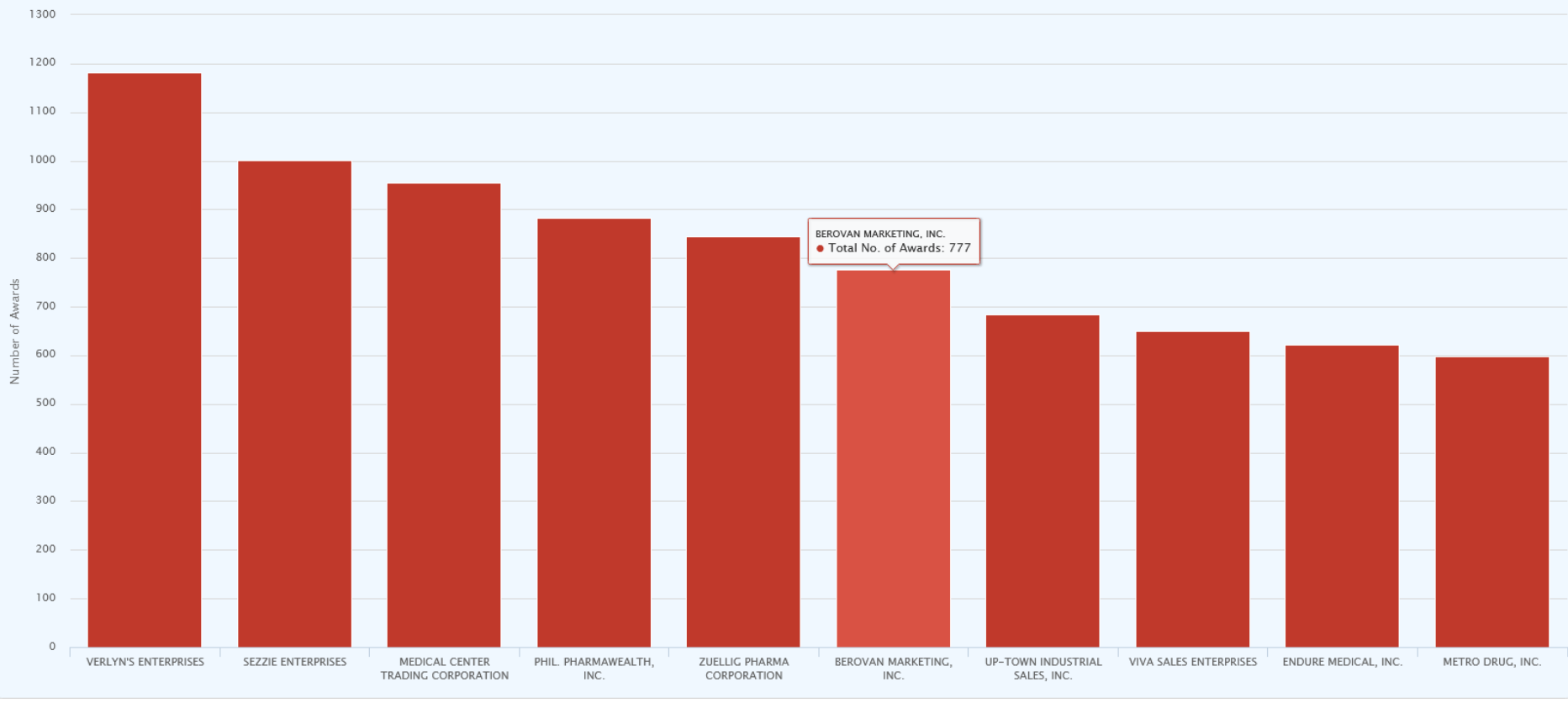
as of August 31, 2019



Top 10 Suppliers for Goods

Top 10 Suppliers for Goods

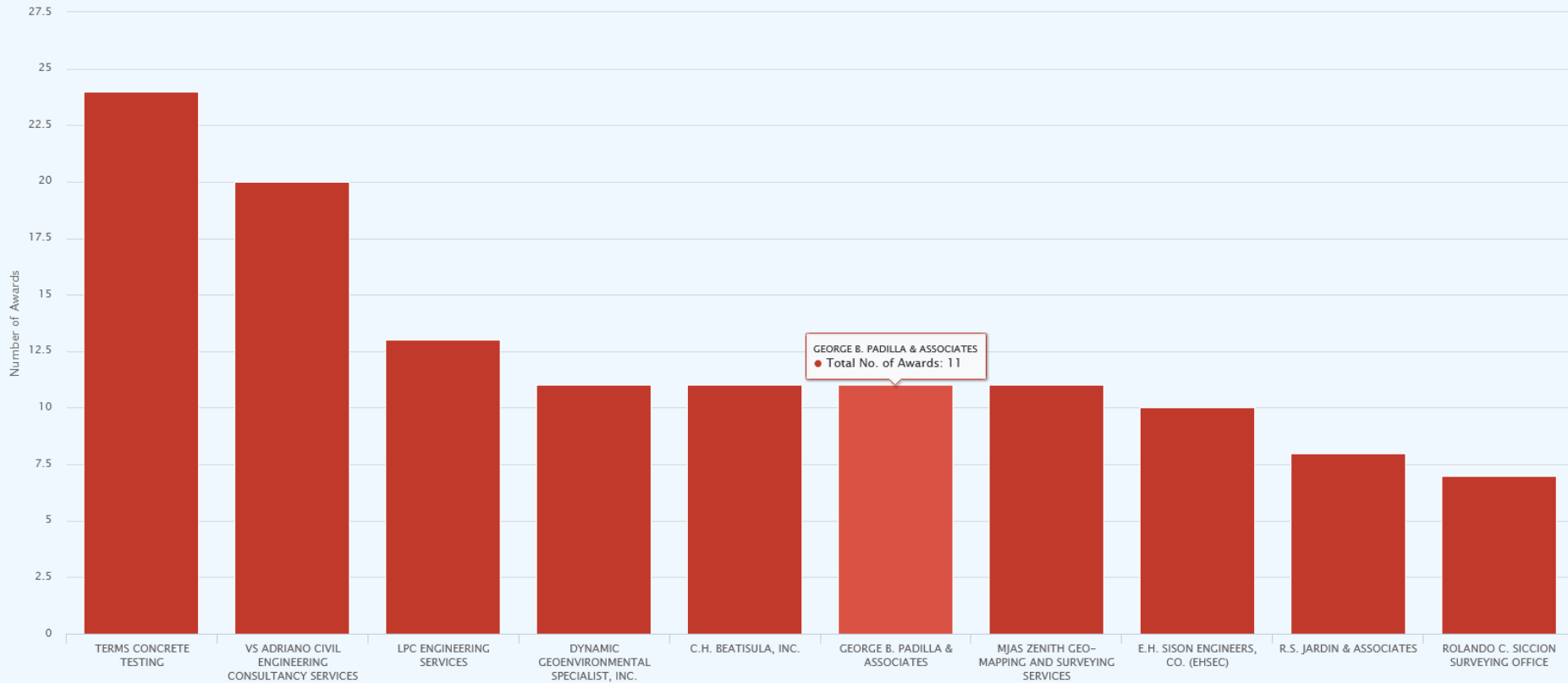
as of August 31, 2019



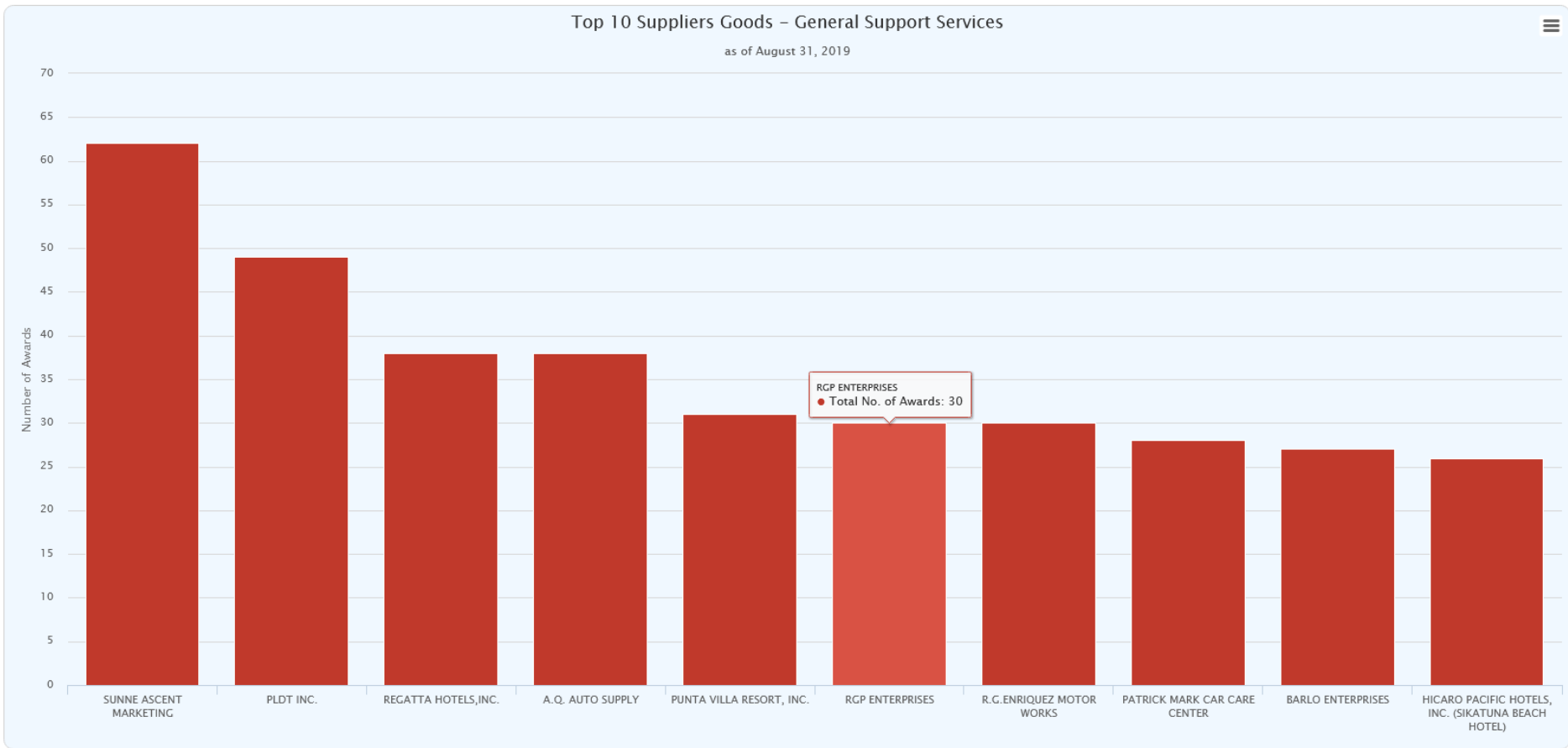
Top 10 Suppliers for Consulting Services

Top 10 Suppliers for Consulting Services

as of August 31, 2019



Top 10 Suppliers Goods – General Support Services

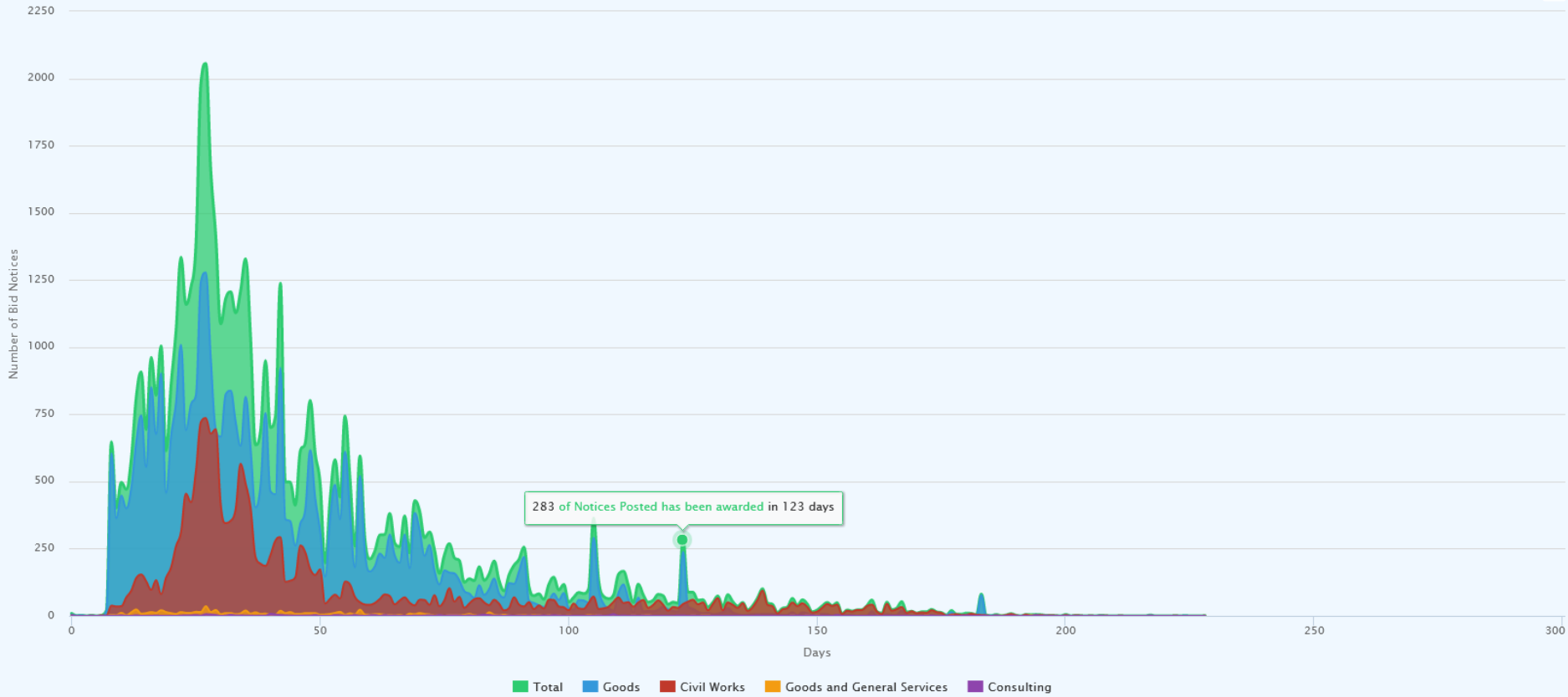


Number of Days from Publish Date to Award Date

Number of Days from Publish Date to Award Date

Select Year : 2019

As of August 31, 2019, average number of days from publish date to award date is 57 days, median is 114 days and the is mode 27 days.

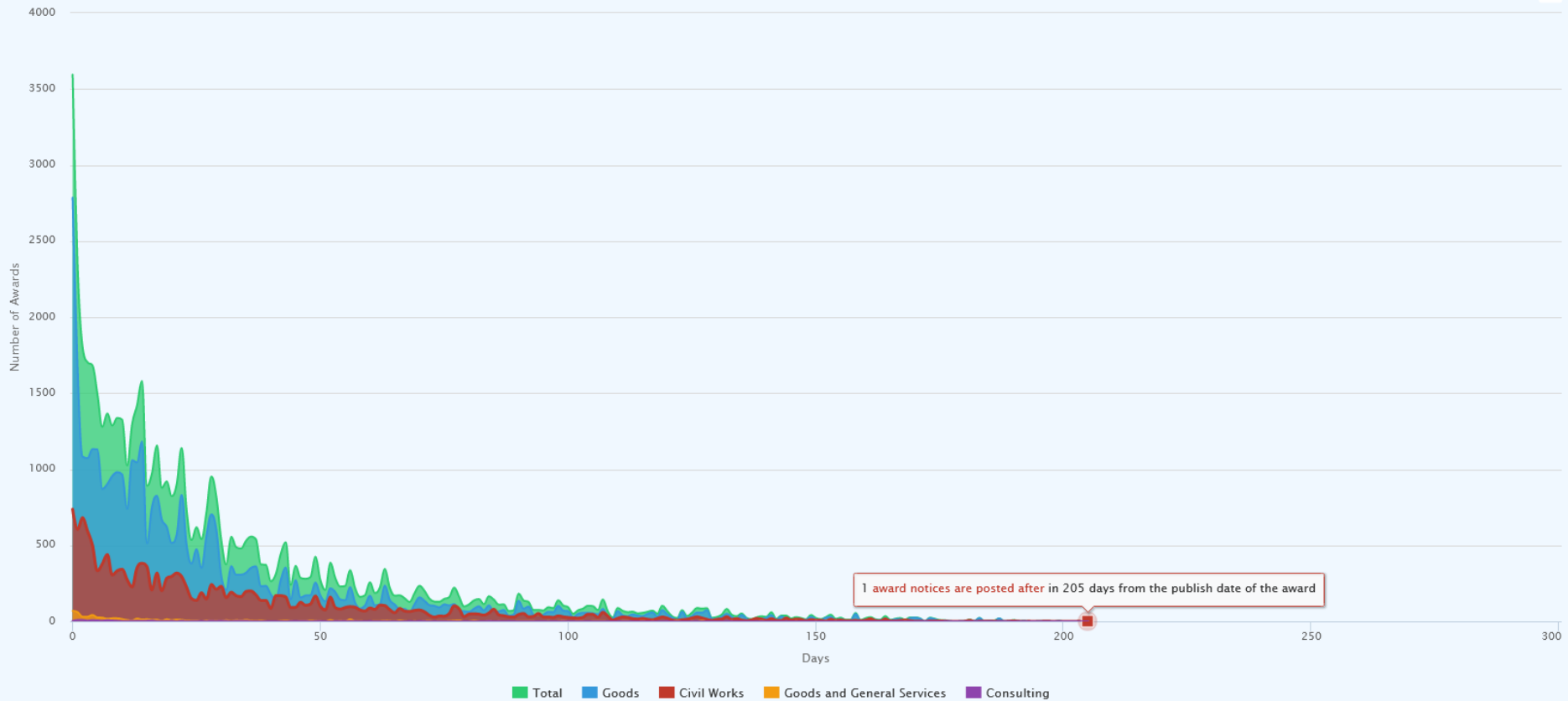


Number of Days from Award Date to Publish Date of Award

Number of Days from Award Date to Publish Date of Award

Select Year :

As of August 31, 2019, average number of days it takes before an award is posted in PhilGEPS is 52 days, median is 103 days and the mode is 0 day/s (same as the day of award is publish).

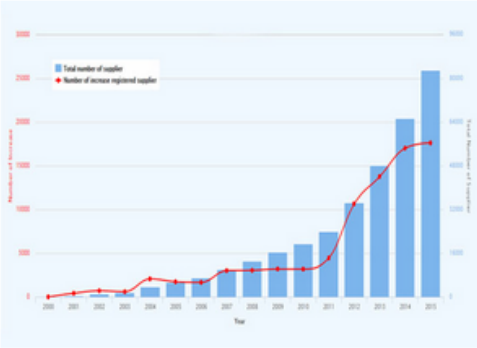




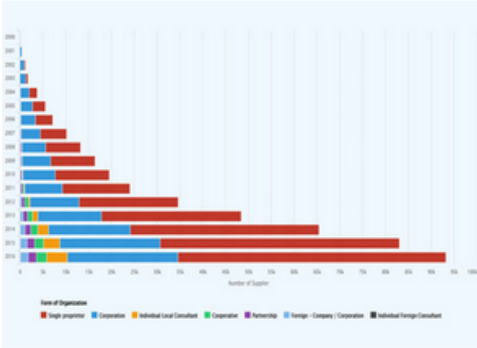
Supplier Registration Infographics

Supplier Registration

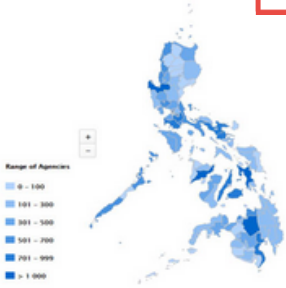
This dashboard features the data of registered suppliers as of December 31, 2017



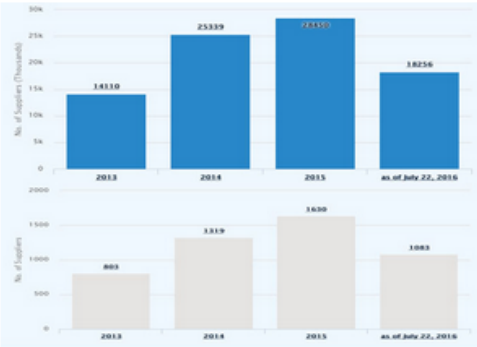
Growth of Registered Suppliers per Year



Registered Suppliers per Form of Organization per Year



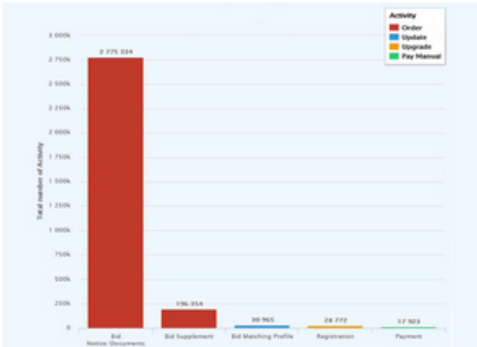
Number of Registered Suppliers by Province and City



Number of Blue and Platinum Memberships per Year



10 Business Categories with the Most Number of Registered Supplier



Top 5 System Activities of Registered Suppliers

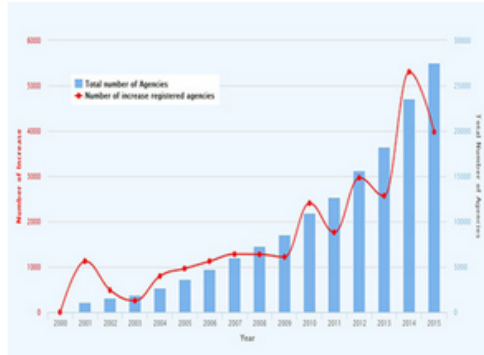


Agency Registration

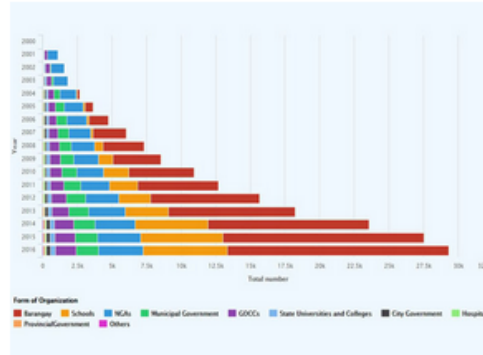
This dashboard features the data of registered agencies as of December 31, 2017



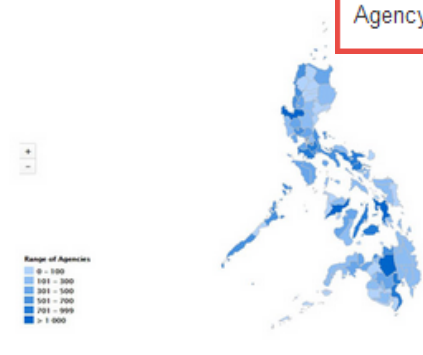
Agency Registration Infographics



Growth of Registered Agencies per Year



Registered Agencies per Organization Type per Year



Number of Registered Agencies by Province and City



Top 3 System Activities of Registered Agencies



Philippine Experience in Contracting

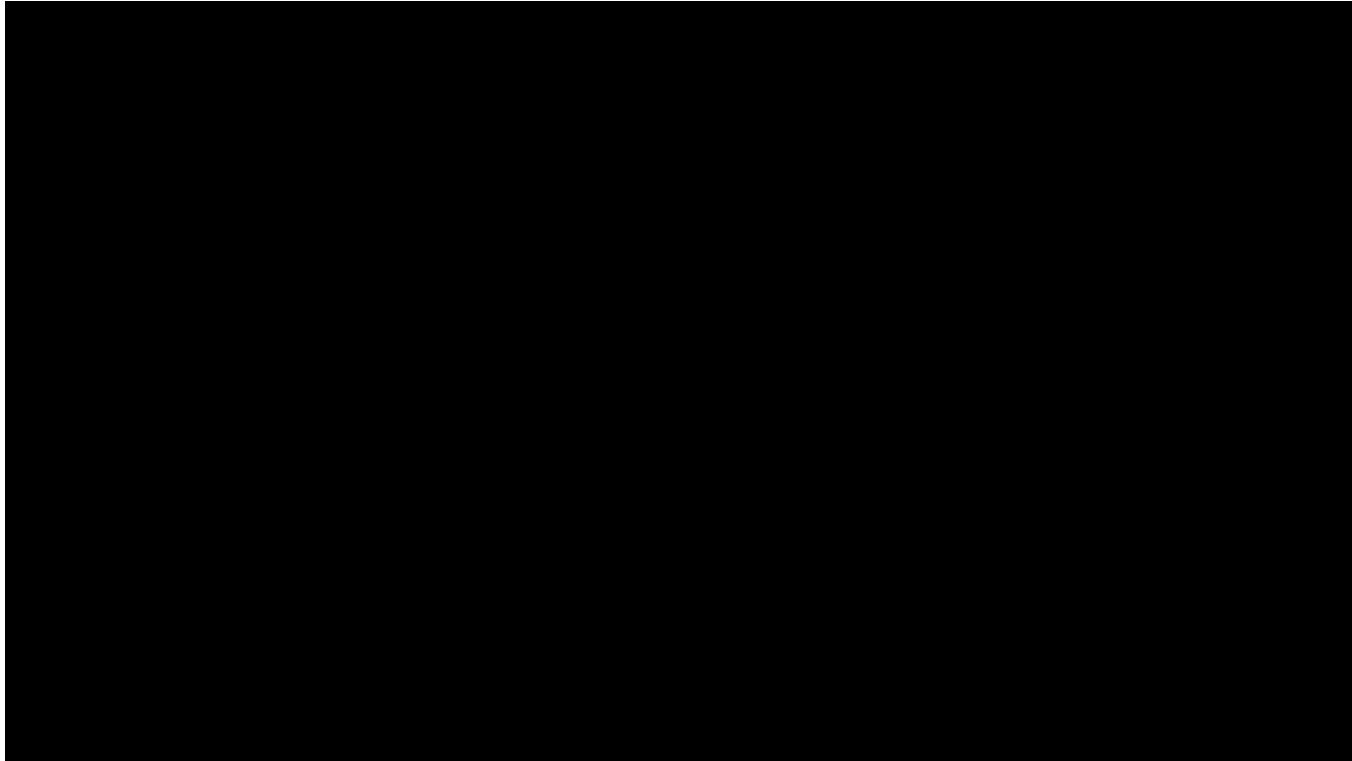
1. The contracting cycle is most transparent only during the bid, award and contract stages.
2. Some planning and procurement documents are in the procuring entities' websites, making it difficult to track contracts from planning to implementation or cancellation

CHALLENGES

3. Low compliance on award publication, only approximately 39% of all Invitations to Bid (ITBs) were updated with corresponding award publication
4. Low compliance on Annual Procurement Plan (APP) publication
5. If and when more documents and data are available in the agencies' website, these do not often come in machine-readable formats, mostly PDFs making it difficult to analyze or connect with other information.
6. Data not yet fully aligned with Open Contracting Data Standard (OCDS). Only 75% of the publication available at once

CASE STUDY

Use of PhilGEPS DATA ANALYTICS - PRIVATE SECTOR/CSOs



MOVING FORWARD

1. Collaboration with the International Institutions on improving the PhilGEPS Data Analytics
2. Implementation of the Modernized PhilGEPS from Planning to Contract Implementation with Procurement Analytics as part of the website
3. Engagement with various stakeholders (GPPB, COA, selected NGAs and LGU, CSOs) through the Open Government Partnership Commitments

“Any powerful idea is absolutely fascinating
and absolutely useless until
we choose to use it.”

Richard Bach



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Thank you.

