MITHI

CURRENT SET-UP

❌ DIFFERENT SYSTEMS AND RESTRICTED-ACCESS DATABASES

❌ GOVERNMENT CULTURE OF TURF WARS

❌ LACKING CONCEPT OF INTER-OPERABILITY AND INTER-AGENCY
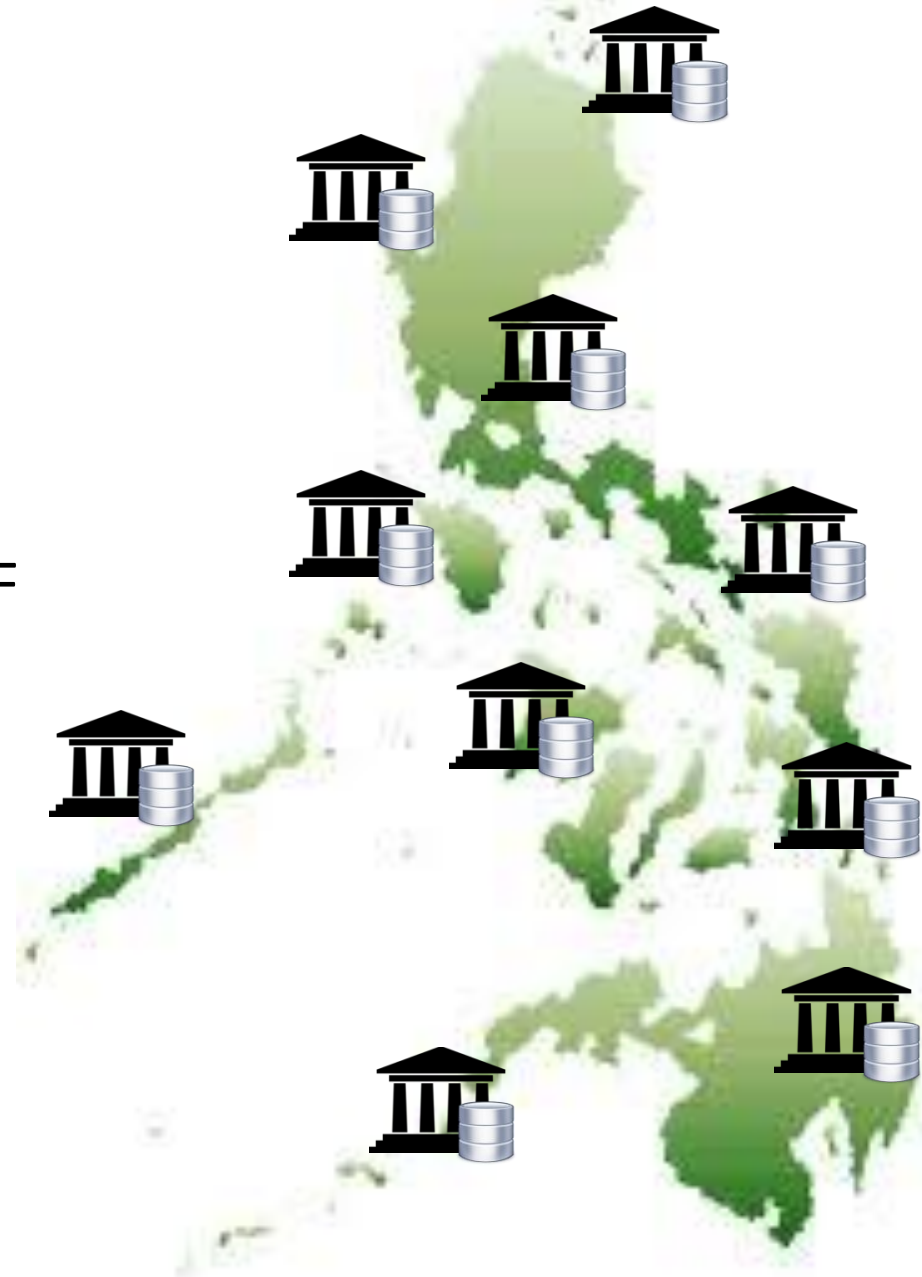
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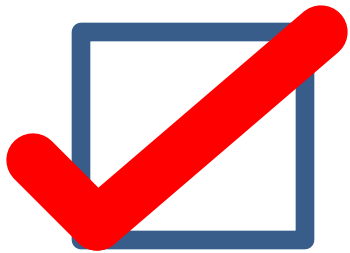
To harmonize all it resources, programs and projects of the whole government

Government-wide

MITHI

- **MITHI Activities**
  - Conducted ICT Resources Inventory: **296** submissions
    - ✓ 152 NGAs
    - ✓ 59 GOCCs
    - ✓ 76 SUCs
    - ✓ 9 CFAG
  - First Plenary: January 15-18, 2013
  - MITHI Checklists & Concept Paper: **382** submissions
    - ✓ **186** NGAs
    - ✓ **42** GOCCs and GFIs
    - ✓ **131** SUCs
    - ✓ **23** CFAG

MITHI: Empowering & Interconnecting

Digitization Empowerment Fund (DigEFund)

1.6B

- Aims at empowering civil servants by provisioning for the necessary ICT hardware to ensure efficiency and facilitate business productivity.

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Expanded E-Gov Fund

2.4B

- Aims at interconnecting government agencies by fostering collaboration and teamwork in creating inter-operable systems that leads to innovative government services and efficient internal systems.

e-GOVERNMENT
Needs
e-CIVIL SERVANTS

DigEFund Group Allocation

	PC Gap identified by MITHI	No. of PC approved for funding for 2014	Amount Approved
NGA	70,371	24,135	458,885,975
DepEd	156,365	52,122	993,813,279
SUC	15,305	5,102	97,460,570
CFAG	7,038	2,346	44,726,362
TOTAL	**249,078**	**83,704**	**1,594,886,187**

**Excludes military/uniformed personnel

Advantages of Leasing Over Purchase

Short Term	Long Term
Relieves the government from full upfront payment of PCs, allowing the funds to be directed to other priority programs and projects for the year.	Abreast with latest or top-of-the-line technology every three years
No maintenance cost required	Comprehensive maintenance coverage (on-call, on-site technical support, replacement of parts, and provision of service units shall be to the account of the lessor)
Eliminate storage area and disposal issues of obsolete PCs	Efficiency in the procurement of computers in the country- 30% savings on acquisition cost due to bulk/centralized procurement

Bridging the GAP in 3 years

Group	PCs to be leased on the 1st year	Amount for Leasing FY 2014 (in PhP)
NGAs	24,135	458,885,975
DepEd*	52, 122	993,813,279
SUCs	5,102	97,460,570
CFAG	2,346	44,726,362
TOTAL	**83,704**	**1,594,886,187**

*As per advice of DepEd, only 25% of the teaching positions should initially be given PCs pending further evaluation on impact to teaching effectiveness

DigEFund: Coverage

Digitization Empowerment Fund

Leased Computer Hardware

e.g. PC, laptop, netbook

Other Electronic Devices & Essential Software

e.g. scanners, printers, projector, cameras
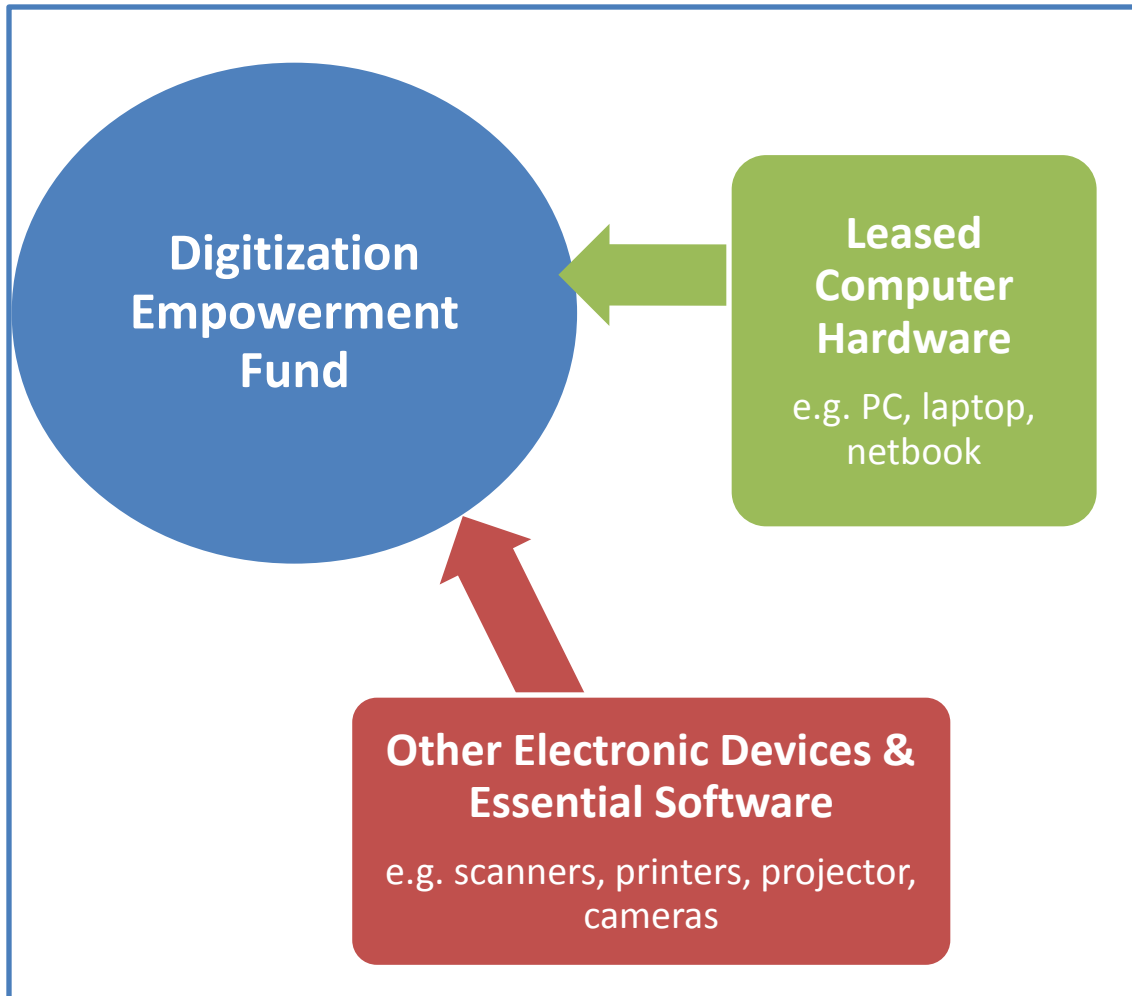
Items **NOT INCLUDED** in DigEFund:

- ✓ ICT Trainings
- ✓ Internet connectivity
- ✓ Common ICT supplies such as flash drives, hard drives
- ✓ Computer laboratories of the Department of Education and State Universities and Colleges (SUCs)
- ✓ Biometric capture devices
- ✓ CCTV cameras
- ✓ ISSP
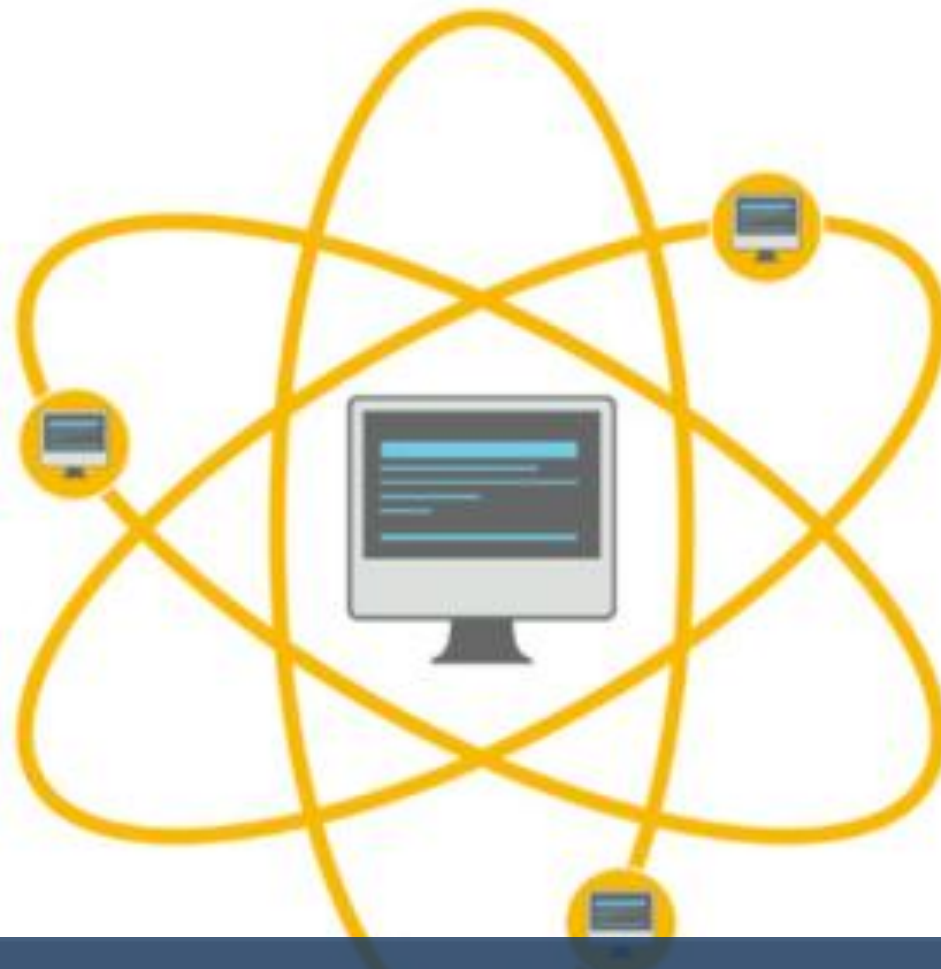
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DigEFund will be frontloaded this year under the 2013 DAP

MITHI & the E-Government Master Plan (EGMP)

- **Vision of EGMP**:

  Digitally empowered & integrated government that provides responsive and transparent online citizen-centered services for a globally competitive Filipino nation

- EGMP suggested key priority areas to concretize the core building blocks of e-government:
  - G2C: Citizen oriented service
  - G2B: Transparent service
  - G2G: Interconnected government

MITHI vs the 5 KRAs

INTEGRITY OF ENVIRONMENT

Climate Change

- Project Conceptualization
- Creation of PMO

INCLUSIVE GROWTH

Citizen Frontline Delivery

- Ease of Doing Business

Transport and Land Use

i-Gov and Infrastructure

POVERTY REDUCTION

Health

- Philippine Health Information Exchange
- National Disease Registry Enhancement

Basic Education & Higher Education

- Knowledge Management/E-Library
- Enrolment System

PEACE & RULE OF LAW

Justice, Peace & Order

- Unified Case Lodging System
- Harmonized Inmate Management System

GOOD GOVERNANCE

PFM

- Government Integrated Financial Management System (GIFMIS)
- Government Human Resource Information System (GHRIS)

Open Data Initiative

MITHI Approved Budget for 2014

MITHI

Expanded E-Gov Fund

P 2,478,900.00

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Expanded E-Gov Fund for FY 2014

Total FY 2014 Expanded E-Gov Fund	P 2,478,900,000
Citizen Frontline Services Delivery	89,068,000
Higher Education	149,282,000
Basic Education	51,770,000
Health	162,500,000
Public Financial Management	720,000,000
Justice, Peace and Order	58,530,000
Transport, Land Use and Climate Change	8,400,000
i-Gov and Infrastructure Cluster	1,190,350,000
Open Data Initiative	28,900,000
MITHI Cluster	20,100,000

Benefits of Project Clustering

- Common requirements and challenges
  - MITHI process has identified common concerns and needs across various organizations
- Maximization of resources: Optimize use of limited resources
  - Current ICTs allow for shared resources and the integration of services
- Identify possible best practices
  - Possible creation of value-added services through interoperability
- Impact across clustered groups
  - Wider and deeper impact: Must be service-oriented, citizen-centric

Public Financial Management Cluster: Context

Where We Are Today	End State
GIFMIS (GHRIS/NPS)	✓ Automate financial functions and operations – financial planning and budgeting, treasury and accounting
✖ Lack of budget credibility	
✖ Budget is not results-based	
✖ Lack of funding predictability	
✖ Weak budget oversight by Congress and the public	✓ Collect and organize financial information in a central database
✖ No common budgetary & accounting classification	✓ Generate real-time, reliable and accurate financial info and reports for policy decision making
✖ Weak monitoring of contingent liabilities	

Public Financial Management Cluster: Context

Where We Are Today	Where We Are Today
Philippine Business Registry ✖ Inconsistent data between & within government agencies ✖ Multiple inefficiencies in providing business services resulting to low Philippine ranking in ease of doing business ✖ Challenge to extract data for business intelligence resulting to lost revenue	✓ Juridical entities are known government-wide through the unique reference numbers of the registry ✓ Profile of businesses through their interaction with government

Public Financial Management Cluster: Targets & Budget

- 2014: Contract for the development of GIFMIS is signed
- GIFMIS is expected to go live by October 2015 in pilot agencies - DBM, COA, DOF, BTr, BIR, BOC and DepEd
- Philippine Business Registry – support for governance & roll-out

FY 2014 PFM Cluster budget	P 720,000,000
GHRIS / National Payroll System	120,000,000
GIFMIS	600,000,000

Citizen Frontline Services Delivery: 2014 Projects

FY 2014 Citizen Frontline Services Delivery budget	P 89,068,000
Integrated Ease of Doing Business System (PMO Secretariat)	9,068,000
Integrated Ease of Doing Business System (Roll out)	80,000,000

Basic Education and Higher Education Cluster: Context

Where We Are Today	End-State
✖ Current systems are usually stand-alone	✔ Interconnected higher educational institutions (HEIs) with students, faculty members, researchers, employers and extension partners
✖ Some back end and front systems are manual. This leads to inconsistencies and delays in the processing of transactions	✔ Create a standard enterprise application suite for HEI and Basic educational institutions
✖ There are no existing standards for procedures and activities, which results to difficulties in aggregating data for HEIs and other institutions	

Basic Education and Higher Education Cluster: 2014 Projects

- **Basic Education – Projects to be Funded in 2014:**
  - Enterprise application suite that can integrate core operational functions of Basic Educational Institutions
    - ✓ Enterprise Applications: Enrolment, Library, Faculty and Student Management IS, and School-MIS Suite

- **Higher Education - Projects to be Funded in 2014:**
  - CHED-Net application
    - ✓ Develop IS to integrate critical administrative functions with front-end applications
  - Learning Commons
    - ✓ Provide HEIs with an online repository for its research outputs
  - Enrolment System
    - ✓ Provide HEI with a customized system for student admissions and course management
  - Library System
    - ✓ Common repository for library resources

Basic Education Cluster: 2014 Projects

FY 2014 Basic Education budget	P 51,770,000
DepEd (Enterprise Management & Capacity building)	51,770,000

Higher Education Cluster: 2014 Projects

FY 2014 Higher Education budget	P 149,282,000
CHEDNet	66,270,000
Learning Commons	8,870,000
E-Library	65,470,000
Enrolment System	8,672,000

MITHI Health Cluster: Context

Where We Are Today	End-State
✖ Isolated and disjointed health information systems (DOH, PhilHealth, UP Manila)	✓ Integrated health information system that is harmonized and beneficial to the broader public health sector
✖ Poor information management	
✖ Absence of real-time access to health statistics	✓ Real-time and quality health data accessible to decision makers at operational and policy level

Health information systems → Better Data → Better decisions → Better health

MITHI Health Cluster: 2014 Projects

- *Information systems that require harmonization*
  - Health Services Delivery
  - Health Financing
  - Health Regulatory Systems
  - Health Governance

- *Projects to be funded by 2014:*
  - Philippine Health Information Exchange (PHIE)
  - Philippine Health Enterprise Data Warehouse and other health registries (disease registries, hospital registries, registry of providers, etc.)
  - Community Health Information Tracking System (CHITS) for RHUs - partial scale up
  - Hospital Management Information Systems (HOMIS) - expansion

MITHI Health Cluster: 2014 Budget

FY 2014 Health Cluster budget	P 162,500,000
PMO/Secretariat for Health Cluster	8,400,000
Philippine Health Information Exchange	32,000,000
Philippine Health Enterprise Data Warehouse	19,000,000
National Disease Registry Enhancement	7,400,000
Integrated Health Goods Licensing Information System (IHG-LIS) Phase 3	7,000,000
Standards (SNOMED, HL7, Loinc, etc), Training, change management	6,000,000
Provision for interconnecting RHUs/Regional Hospitals	37,200,000
CHITS partial expansion pilot (National Telehealth/UP Manila)	15,500,000
HOMIS (DOH) partial expansion	30,000,000

Justice Peace and Order Cluster: Context

Where We Are Today	End-State
✖ Inefficiencies in tracking and managing case records lodged at multiple points (e.g. police stations, NBI, various courts)	✓ Rationalized tracking, recording, managing and clearing of individual citizen cases
✖ Delays in providing citizen clearances (e.g. immigration clearance, NBI clearance, etc.)	✓ Unified clearance system for citizens
✖ Poor tracking of inmates and criminals	

Justice Peace and Order Cluster: 2014 Projects

- *Information systems that require harmonization*
  - Law Enforcement
  - Case Management/Court System
  - Jail Management
  - System for Citizen Clearances (e.g. NBI, Police)

- *Projects to be funded by 2014*
  - Crafting of the Conceptual Framework and TOR of Integrated Justice System
  - Unified Case Lodging System
  - Harmonized Inmate Management Information System (HIMIS)
  - Unified Clearances harmonization plan

Justice, Peace and Order Cluster: Budget

FY 2014 Justice, Peace and Order Cluster budget	P 58,530,000
PMO/Secretariat for Justice, Peace and Order	8,400,000
Sector study/Enterprise Architectural Plan	2,880,000
Unified clearances harmonization plan	1,500,000
Unified Case Lodging System (Case Registry)	15,750,000
Harmonized Inmate Management Information System (HIMIS)	30,000,000

i-GOV and Infrastructure Cluster

- ✓ Infrastructure to interconnect government offices and provide high-speed communication and sharing of tasks and data
  - o Government data centers and fiber optic networks

- ✓ Software for use by government agencies and citizens
  - o E-Bayad, GovMail, VOIP & VideoCon, Public Key Infrastructure, Government website template, NARMIS

i-GOV and Infrastructure Cluster

FY 2014 i-GOV and Infrastructure Cluster	P 1,190,350,000
Integrated Government-Philippines (iGov-Phil) (NCC and ICTO-Lead Agency)	975,000,000
Improvement of DepEd CO network	15,000,000
Implementing the Philippine Community e-Center (NCC-Lead agency)	92,000,000
Social Protection Support Initiative (DSWD- Lead Agency)	20,000,000
AIMP - BIR Phase 3 (DOF and BIR-Lead Agency)	44,000,000
National Public Transit Information System (national roll-out)(ICTO-Lead agency)	8,000,000

i-GOV and Infrastructure Cluster

Additional Data Center Cost for Basic Education Cluster proposed projects (iGov)(DOST-ICTO-Lead	P 36,350,000
System Hardware (4 MITHI HE Systems)	30,000,000
Operating Systems and Software related expenses	5,000,000
Interconnectivity	1,000,000
Operations and Maintenance	350,000

Open Data Initiative

| FY 2014 Budget for Open Data Initiative	P 28,900,000
Project Management Office/Secretariat Office	28,900,000

MITHI Cluster

| FY 2014 Budget for MITHI Cluster	P 20,100,000
Citizen's Registry (NSO/NEDA-Lead agency)	15,100,000
MITHI Steering Committee activities	5,000,000

✓ MITHI invokes HARMONIZATION and PRIORITIZATION

- Projects not approved in FY 2014, shall be re-evaluated.

   o Integration of other projects within the clusters

   o Creation of more project clusters

   o Better fleshing out detailed expenditure

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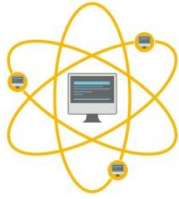
- Per PS Director, centralized procurement will result in at least **30% savings of laptops / PCs - at least P 1.3B in three years.**

- **P 540M per annum**: Projected savings on the maintenance of multiple data centres

- Reduction in some maintenance and other operating expenditure items. Approximately P 72.5 B is spent on travel, supplies, advertising, printing and binding, survey expenses.

- Significant reduction in paper procurement and other related goods. Approximately 3.1B per year

- **210 agencies:** broadband connectivity for agencies in Metro Manila & Cebu through iGovPhilippines project

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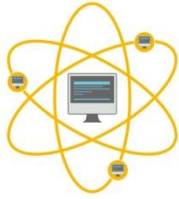
- **Health**: Real-time sharing of information between PhilHealth, hospitals and DOH when accessing patient information (at any point of request of patients e.g. RHUs, hospitals)

- Following systems will partially / completely rolled out
  - **PFM**: GHRIS / National Payroll System; GIFMIS on-going implementation
  - **iGov**: Centralized government cloud, Fiber core network
  - **Justice**: Harmonized Inmate Management System
  - **Health**: Community Health Information Tracking System (CHITS) and Hospital Management Information System for RHUs
  - **Higher education**: Enrolment system

- All clusters will have a comprehensive and harmonized detailed plan for FY 2015 budgeting

- Created space for collaborative budgeting, planning and execution for ICT programs and projects