



Stewards General Meeting (SGM) 2023

MARIA FRANCESCA M. DEL ROSARIO
Chief Information Officer



BAGONG PILIPINAS

GIFT, Global Initiative for Fiscal Transparency
29 November 2023

Agenda

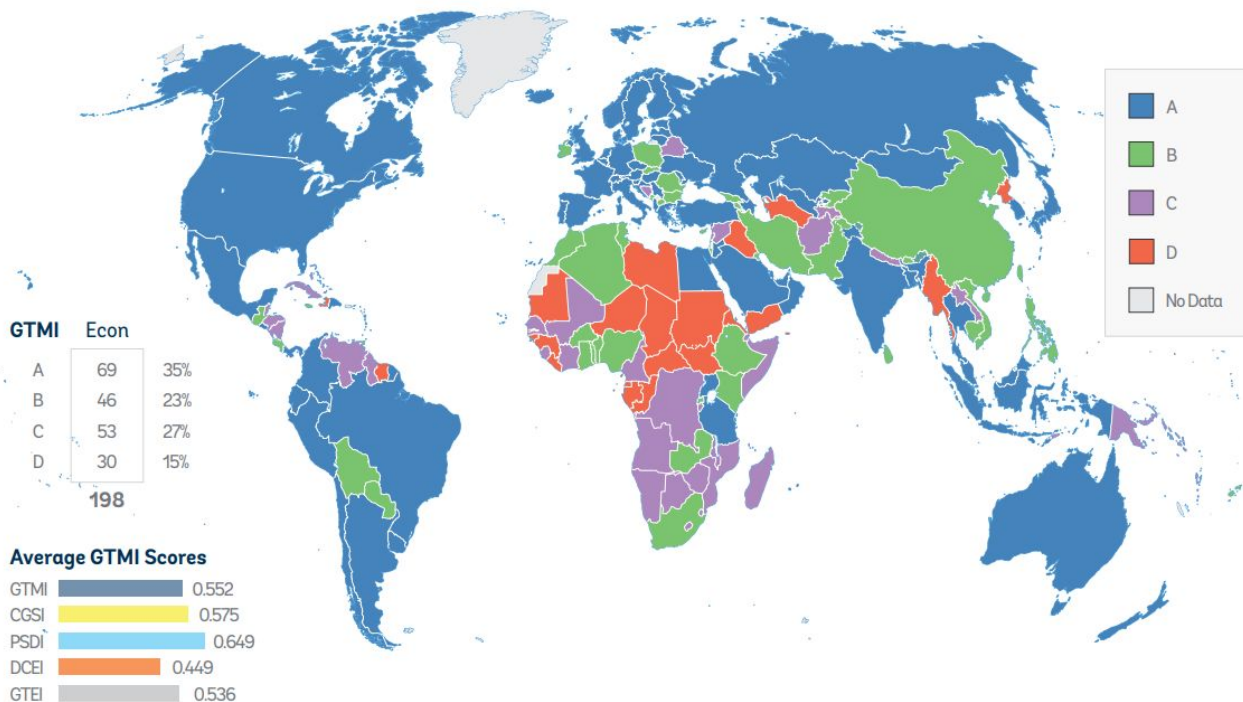
- 1 2022 GovTech Maturity Index
- 2 Designing Public Finance Management Architecture
- 3 RegTech / GovTech



State of GovTech around the world, by GTMI groups, 2022

The goal is for the **Philippines** to be **blue** in the next 5 years

2022 GovTech Maturity Index



Source: World Bank data (198 economies).

Note: GTMI = GovTech Maturity Index, CGSI = Core Government Systems Index, PSDI = Public Service Delivery Index, DCEI = Digital Citizen Engagement Index, GTEI = GovTech Enablers Index.



Designing PFM Architecture



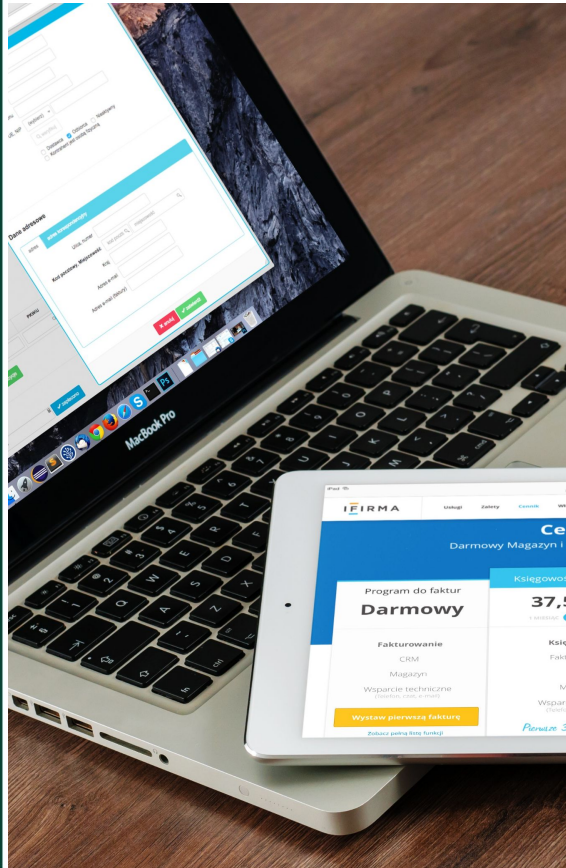
FROM CHALLENGES

- 1 High logistic cost**
on delivering hard copy of documents to DBM-CO/RO
- 2 Lost documents (risk)**
due to manual submission and approval routing
- 3 Manual follow-ups**
on submission updates through phone or e-mail and
Delayed communications
on request approvals, budget releases, reports
- 4 Labor-intensive validations**
based on previous documentations in hard copies

TO OPPORTUNITIES

- Zero** delivery cost
through online document submission and acknowledgement
- Secure & centralized** document copies
in online document management platform
- Automatic** project updates
through defined notifications in the system
- System-based** eligibility check
for previous fund recipients, governance

Designing PFM Architecture



LGU

CHECK
eligibility

for previous LGSF recipients from 2016 - 2021

Document upload for compliance to pertinent documentary requirements (i.e. fund utilization, project completion)

INITIATE
request

Data entry for project details

File upload for required and supporting documents

Acknowledgment of SBR and document submission

DBM

REVIEW & ASSESS
request

Form and document availability for review and assessment

Approve/Return/Reject buttons for decision log

Notifications for next approver/requestor

RELEASE
budget

Report generation for budget releases, etc.

Notifications for requestor and concerned agencies

LGU, DBM

MONITOR
project

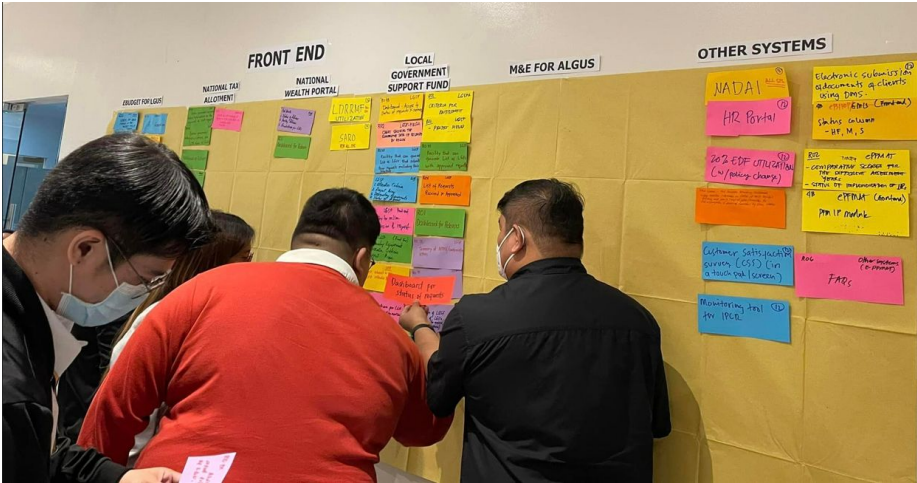
Data entry for project updates

File upload for pertinent documents

Possible integration with other related monitoring platforms

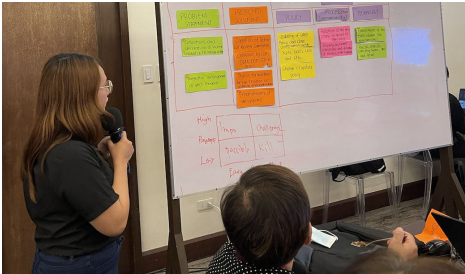
NOTIFICATIONS + DATA/DOCUMENT MANAGEMENT
defined for specific events

Designing PFM Architecture



Design
Thinking
Workshop with
Regional
Directors

Designing PFM Architecture



Unified
Accounts Code
Structure

Laying Good
Foundation

Designing PFM Architecture



Data- Driven
Government



Designing PFM Architecture

The dashboard displays the following data:

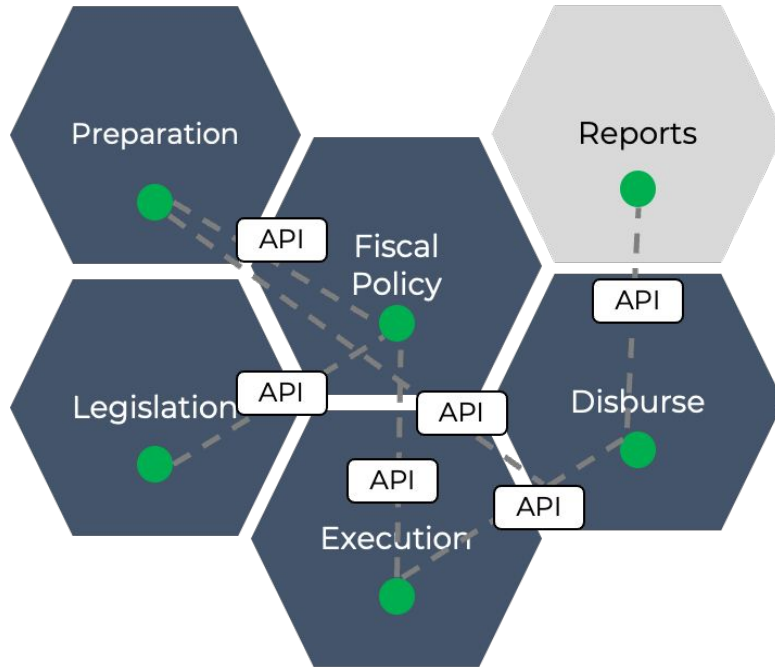
Department Name	Commission on Audit (COA)	Department of Budget and Finance (DBF)	Department of Finance (DOF)	Department of Justice (DOJ)	Department of Science and Technology (DOST)	Department of Transportation (DOTr)	Office of the President (OP)
Allocations to Local Government Units (ALGU)	Commission on Elections (COMELEC)	Department of Education (DepEd)	Department of Foreign Affairs (DFA)	Department of Labor and Employment (DOLE)	Department of Social Welfare and Development (DSWD)	National Disaster Risk Reduction and Management Panel (NDRMP)	Other Executive Offices (OEOs)
Bangsamoro Autonomous Region in Muslim Mindanao	Congress of the Philippines (CONGRESS)	Department of Energy (DOE)	Department of Health (DOH)	Department of National Defense (DND)	Department of Local Government Administration (DLGA)	National Economic and Development Authority (NEDA)	State Universities and Colleges (SUCs)
Rudimentary Support to Government Corporations (RSGC)	Civil Service Commission (CSC)	Department of Agriculture (DA)	Department of Environment and Natural Resources (DENR)	Department of Information and Communications Technology (DICT)	Department of Trade and Industry (DTI)	National Tax Authority	The Judiciary (JC)

Agency Name	Department Name	Object Description	RFP Description	Region Description
Office of the Secretary	Department of State	Infrastructure Study	Construction of By-...	
Office of the Secretary	Department of Public Works and Highways	Infrastructure Study	Construction of By-...	
National Impression Ad.	Department of Transport	Buildings and Other St...	Sustainable Internat...	
Philippine Revenue De.	Department of Health	Repairs and Maintena...	Construction / Rehabi...	
Basic Construction	Department of Agriculture	Repairs and Maintena...	Construction of Moon...	
Court of Appeals	Department of Education	Repairs and Maintena...	Pre - Feasibility Study	
National Housing Auth.	Department of Information and Communications Technology	Repairs and Maintena...	Construction / Improv...	
National Development	Department of Environment and Natural Resources	Repairs and Maintena...	Payments of Right - O...	
Sergo	Department of Social Welfare and Development	Repairs and Maintena...	Special Social Fund - N...	
Metropolitan Manila D.	Department of Tourism	Repairs and Maintena...	Build - Private Partner	
National Power Corp	Department of Energy	Repairs and Maintena...	Rehabilitation / Renov...	
Supreme Court of the P.	National Economic and Development Authority	Repairs and Maintena...	Riverbank Maintenance...	
Philippine Navy (Navy)	Department of Justice	Repairs and Maintena...	Modernization of Marine...	
Philippine Army (Land)		Repairs and Maintena...	Sustainable Internat...	

Data- Driven Government

PFM Architecture and Scaffolding

Coreless
Integrated
Financial
Governance



Service Oriented Architecture

API Microservices

Plug & Play

Lego Architecture

Containers

Cloud-based

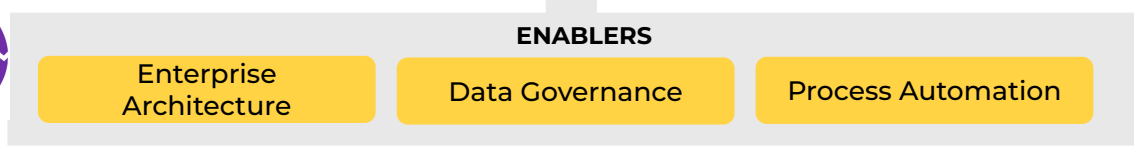
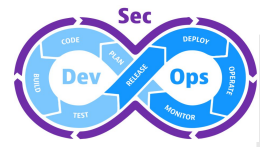
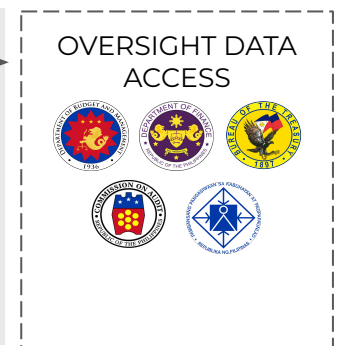
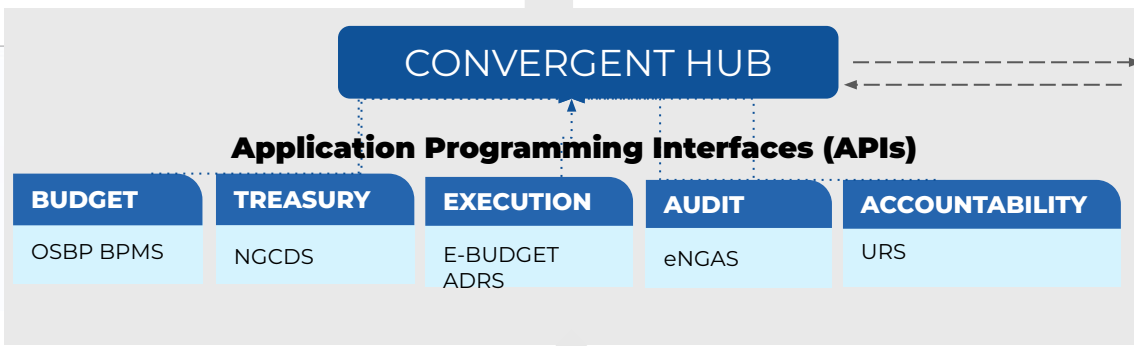
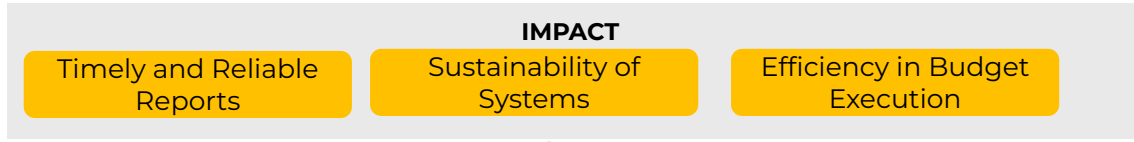
Business Process Automation
Workflow

Data Warehousing



PFM Architecture and Scaffolding

NATIONAL
GOVERNMENT
AGENCIES



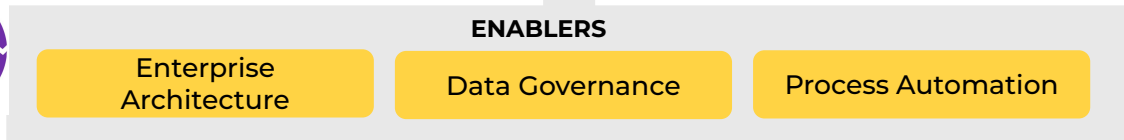
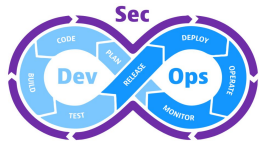
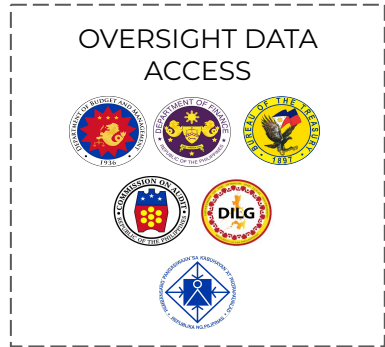
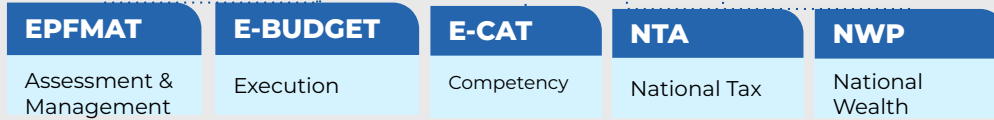
PFM Architecture and Scaffolding

LOCAL
GOVERNMENT
UNITS



CONVERGENT HUB

Application Programming Interfaces (APIs)



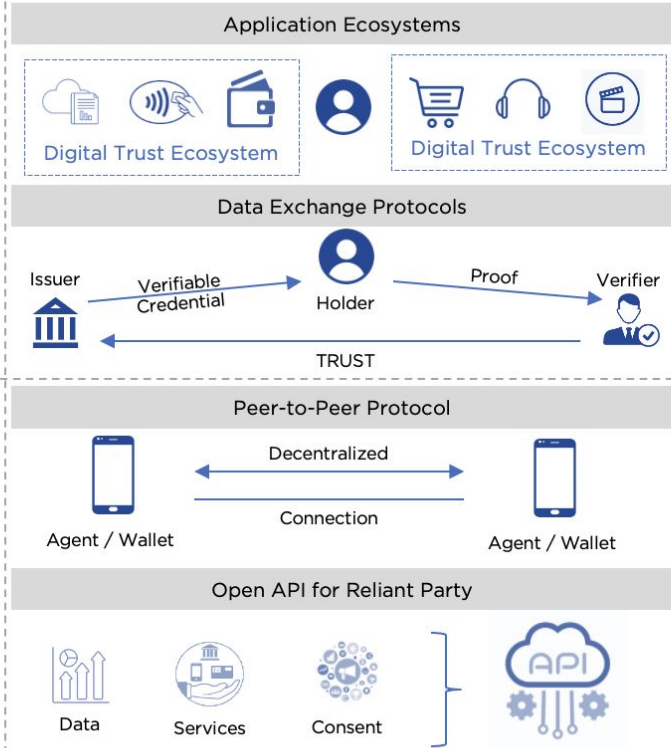
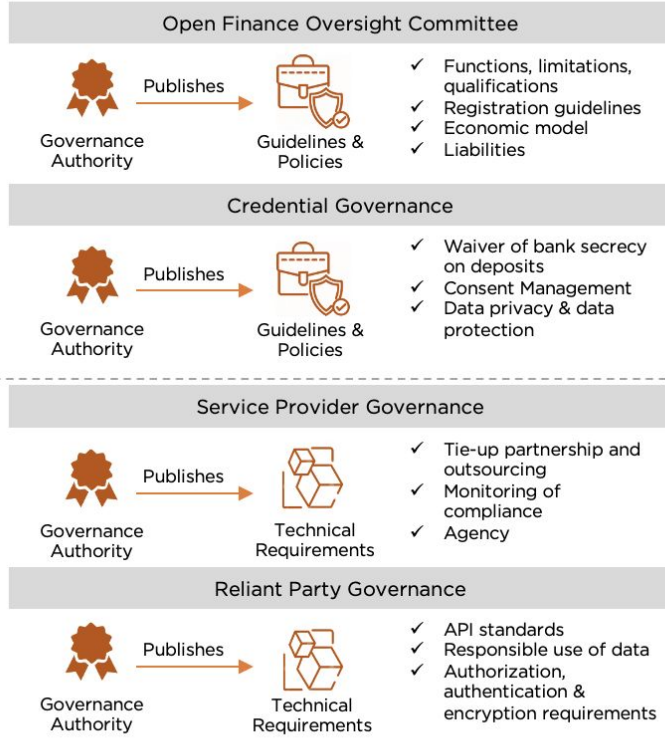
GovTech Framework

Governance

Technology

Human Trust

Technical Trust

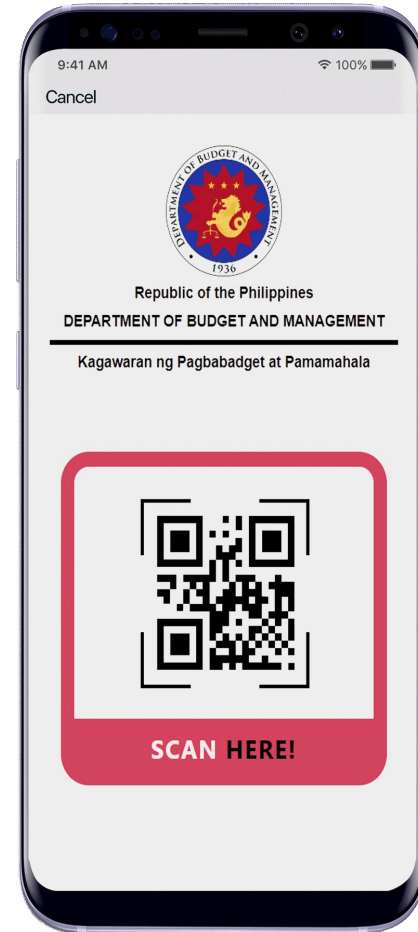


PROJECT **MARISSA**

Authentication of Action Documents



Authentication Process



Application Interface





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