



# NEA Newsletter

Edition #01

June 2015

Government of Bangladesh has initiated the project - Leveraging ICT (LICT) for Growth, Employment and Governance which aims to foster growth of the IT/ITES sector and strengthen e-Governance in Bangladesh.



The project is being funded by World Bank / IDA and Implementing Agency is the Bangladesh Computer Council. National Enterprise Architecture is one of the key components of this project and EY LLP has been selected as the consultant.



A Bangladesh National Enterprise Architecture Committee (BNEAC) is proposed to be constituted to ensure sustainability of the NEA initiative and further develop the enterprise architecture practice in Bangladesh.



## National Enterprise Architecture (NEA) and e-Governance Interoperability Framework (e-GIF) for Government of Bangladesh

The foundation of this project is based on the twin pillars of Electronic Governance (e-Governance) and Mobile Governance (m-Governance)

NEA and e-GIF : Conceptual blueprint that defines the structure and operation of a National Government.

NEA will enhance the information systems of government agencies in order to achieve key objectives, increase interoperability, enhance transparency, speed up management decisions, reduce risk and lower investment costs.

### Bangladesh NEA Framework



Bangladesh NEA Framework comprises of governance, standards & guidelines and reference models.

- ▶ Governance will ensure sustainability and maturity improvements.
- ▶ Standards and guidelines will enable better coordination and interoperability.
- ▶ Reference models can be re-used by organization for ICT initiatives.

## BCC, LICT and NEA Leadership

## Prioritizing e-Governance

### From the Editor's desk

Bangladesh has embarked upon a journey to achieve its strategic vision of 'Digital Bangladesh' by the year 2021, its fiftieth year of Independence. e-Governance will leverage transformational ICT to support the underlying governance processes and simplifying interaction between stakeholders - Government (G2G), Citizen (G2C) and Business (G2B).

e-Governance means leveraging ICT to achieve greater efficiency and effectiveness, increased transparency, reduce procedural latency and provide the underpinnings for a more equitable and inclusive society thereby helping achieve the broader governmental agenda of establishing good governance.

In achieving the governmental transformation vision, Government of Bangladesh has established several key policy imperatives such as the National ICT Policy 2009 and Digital Bangladesh 2021 Vision.

In order to ensure effective e-Governance in a Whole-of-Government transformational context it is necessary to harmonize existing ICT infrastructure efficiently and effectively in order to ensure true electronic service delivery to all stakeholders.



Mr. S M Ashraful Islam  
Executive Director, BCC

"True eGovernance may be achieved through efficient and effective use of ICT capabilities in execution of Government functions which constitute Governance."

### Mr. Md. Rezaul Karim, Project Director, LICT



"The National Enterprise Architecture will help in better alignment of strategic governance and the information technology utilized to support the strategy leading to greater scalability, increased flexibility in meeting the ever increasing demands on government."

### Mr. Tarique M Barkatullah, Deputy Project Director, LICT



"The National Enterprise Architecture will help to consolidate existing ICT infrastructure and reduce complexity in existing ICT infrastructure. It will provide the flexibility and capability to make decisions to make, buy, or out-source IT solutions, thus reducing the overall risk in new investment and the costs of IT ownership."

# National Enterprise Architecture

## The fundamentals of National Enterprise Architecture

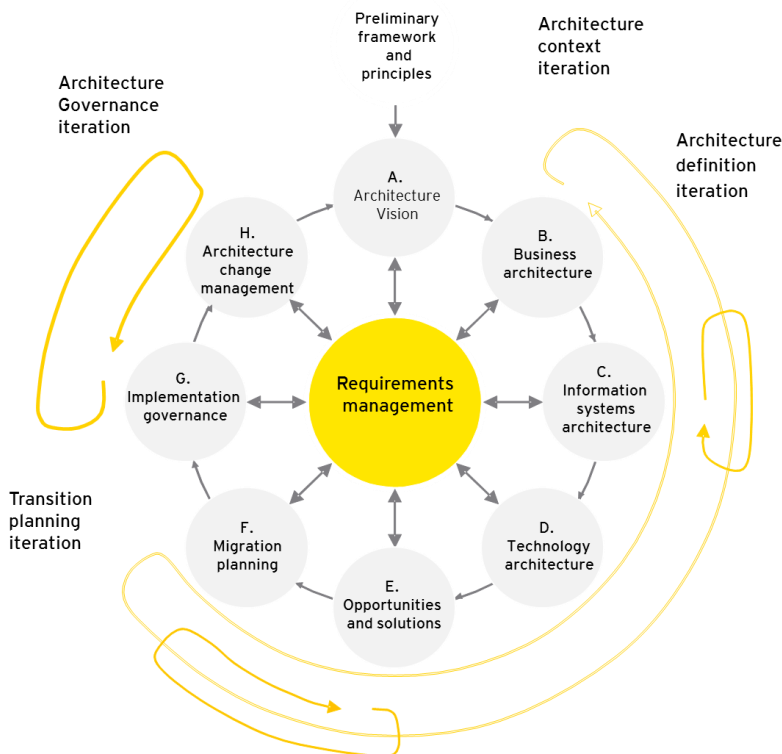
### TOGAF® - The framework

### TOGAF® and Architecture Development Method (ADM)

Bangladesh National Enterprise Architecture framework is based on leading standards, practices and frameworks like the Open Group's TOGAF® Version 9.1 but aligned and tailored as per Bangladesh requirements and strategic objectives.

TOGAF® framework specifies a flexible and customizable Architecture Development Methodology (ADM) which may be tailored to suit the specific requirements of the department or agency for which the methodology is being used. The ADM covers the specific architecture domains (business, data, application and technology).

### Architecture Development Method (ADM)



Phase	Description
Preliminary	preparation and initiation activities
A	defining the scope, identifying the stakeholders, creating the architecture vision, and obtaining approvals.
B	development of a business architecture
C	development of information systems (data and application) architectures
D	development of the technology architecture
E	implementation planning
F	formulation of a set transition architectures
G	architectural oversight of the implementation
H	establishes procedures for managing change
Req. Mgmt	process of managing architecture requirements

Architecture Development Method (ADM) consists of a number of phases that cycle through a range of architecture domains that enable an architect to ensure that a complex set of requirements is adequately addressed. The framework may be tailored as per the organization's business requirements.

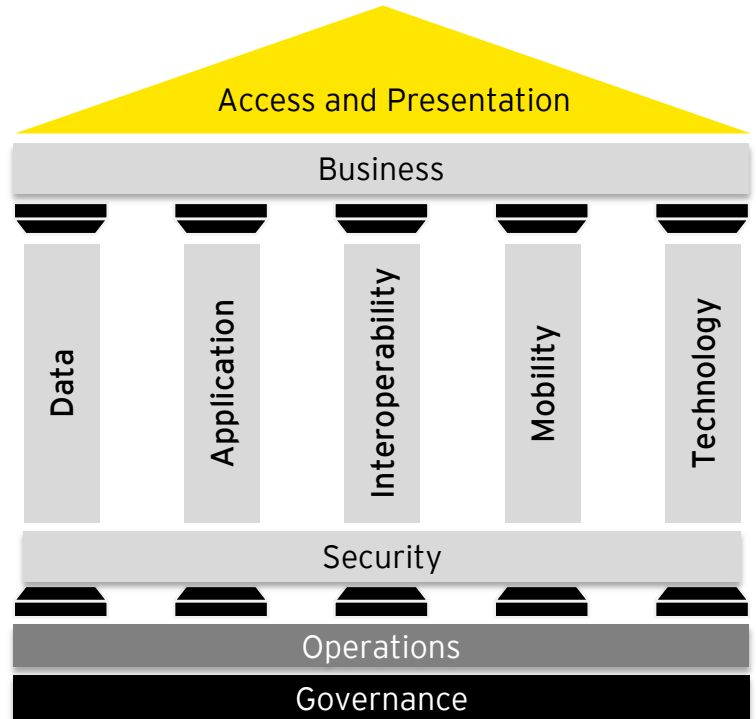
# The fundamentals of National Enterprise Architecture

## Bangladesh National Enterprise Architecture Domains

TOGAF® focusses on four key architecture domains - business, data, application and technology.

However, considering the vision and strategic needs for Government of Bangladesh, additional architecture domains will be covered as a part of the National Architecture Framework including access & presentation layer, interoperability, mobility and security.

Standards, implementation guidelines, architecture maturity model, reference models will be covered as a part of the above domains.



## TOGAF® Workshop | BCC

National Enterprise Architecture and Interoperability Framework

Bangladesh Computer Council

06 June 2015



## Journey so far

# 1

Seminar conducted in Digital World, 2015

# 2

Training sessions in BCC and NUS, Singapore

# 50

Workshops and meetings conducted with Government participation

## In the next issue

TOGAF® ADM framework tailored for Government of Bangladesh

NEA Governance - Bangladesh National Enterprise Architecture Committee