

Country Paper on e-Government (Myanmar)

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Objectives

- To be aware of existing implementation progress of e-Government in Myanmar.
- To be aware of the improvement of the ICT infrastructure in Myanmar

Economic Policy for ICT

- to establish Data ID Card System, Digital Government Strategy and e-Government system

e-Government Master Plan

- Guidelines for the implementation of e-Government
- e-Government Conceptual Architecture Framework
- Proposed ICT standards/criteria
- Assessment of ICT and e-Government policies
- Recommended centralized shared applications
- Recommended common data services

Guidelines for the implementation of e-Government

- intended to extend utility based on existing resources. (e.g , e-Government network will be built on existing fiber network along the railway and road)
- to ensure that G2G, G2B and G2C services should meet the utility needs of citizens and businesses.

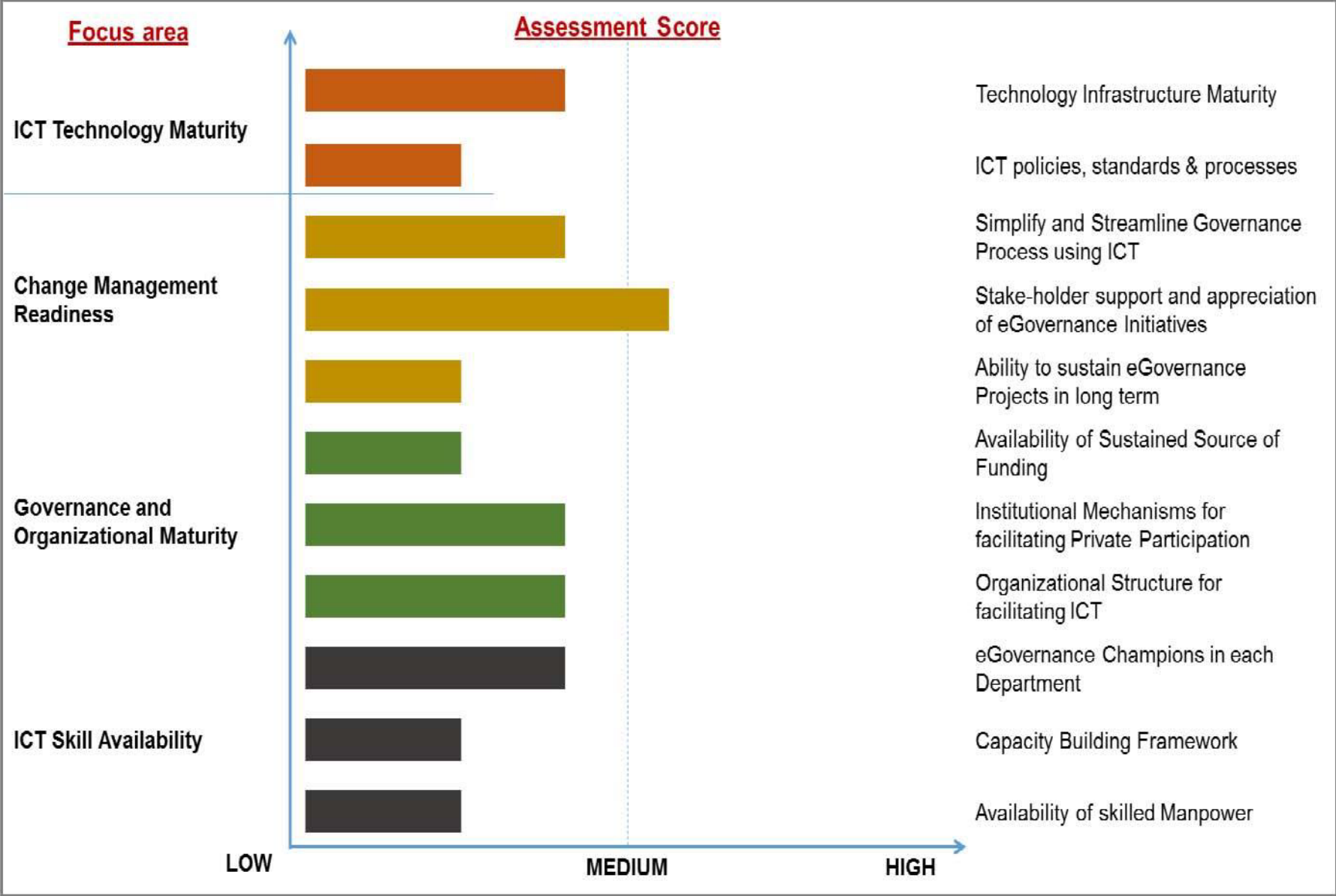
e-Government Conceptual Architecture Framework

- Governance, Policies and Skills
- Shared Network and Infrastructure
- Common data services
- Shared Applications
- Ministry Specific Applications
- Integrated Services
- Channels

Proposed ICT standards/criteria

- Information Security
- Technology and Architecture
- Workflow and Document Management
- Standardization of Software Development

Assessment of ICT and e-Government policies

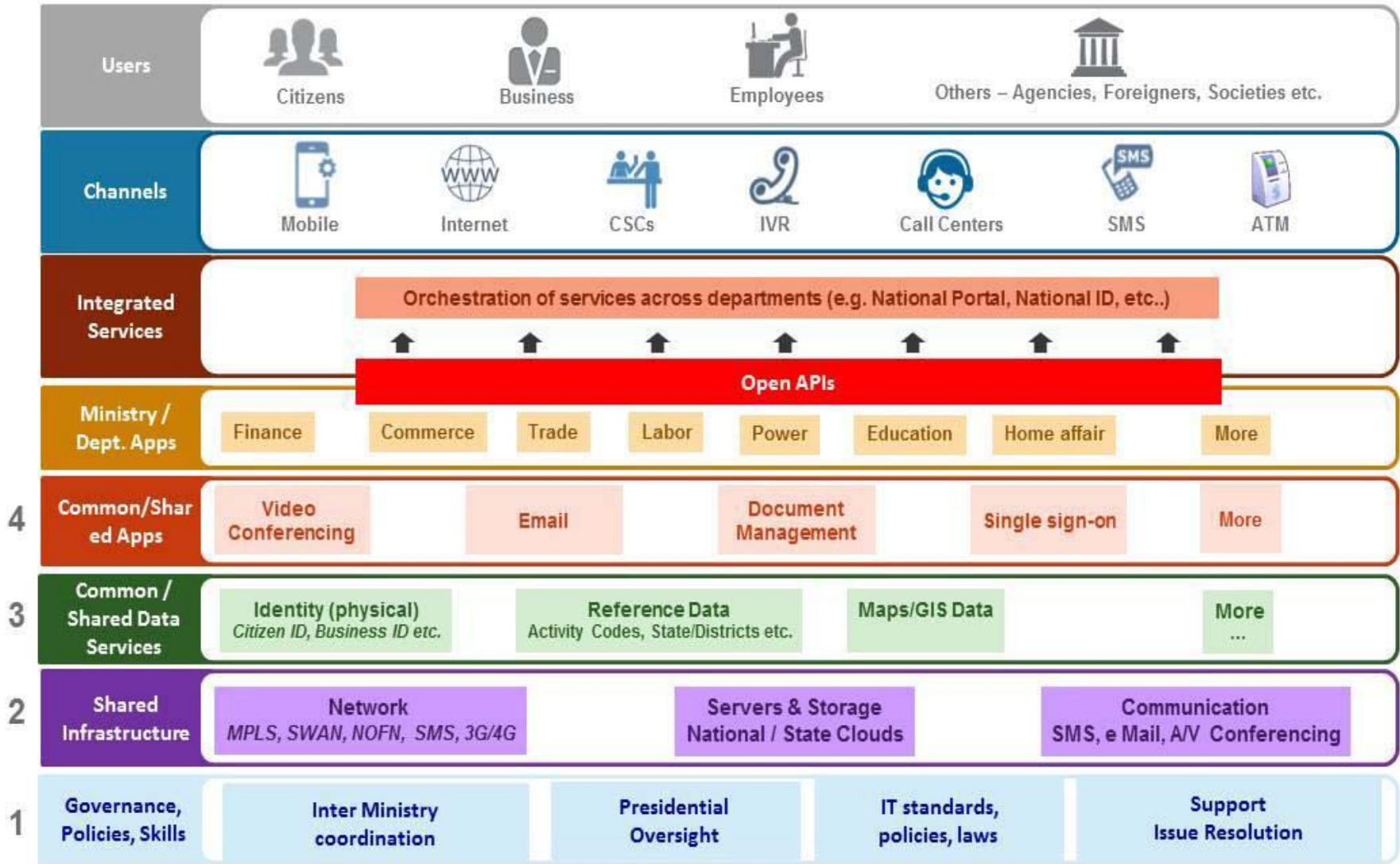


Assessment of ICT and e-Government policies

- Computer Science Development law (1996)
- Electronic Transaction Law (2004), Amended (2014);
- The Telecommunications law (2013)

e-Government အောင်မြင်စွာ အကောင်အထည်ဖော်ဆောင်နိုင်ရန် ဆောင်ရွက်ရမည့်အချက်များ။

All departments should adopt a Unifying Architecture



Recommended centralized shared applications

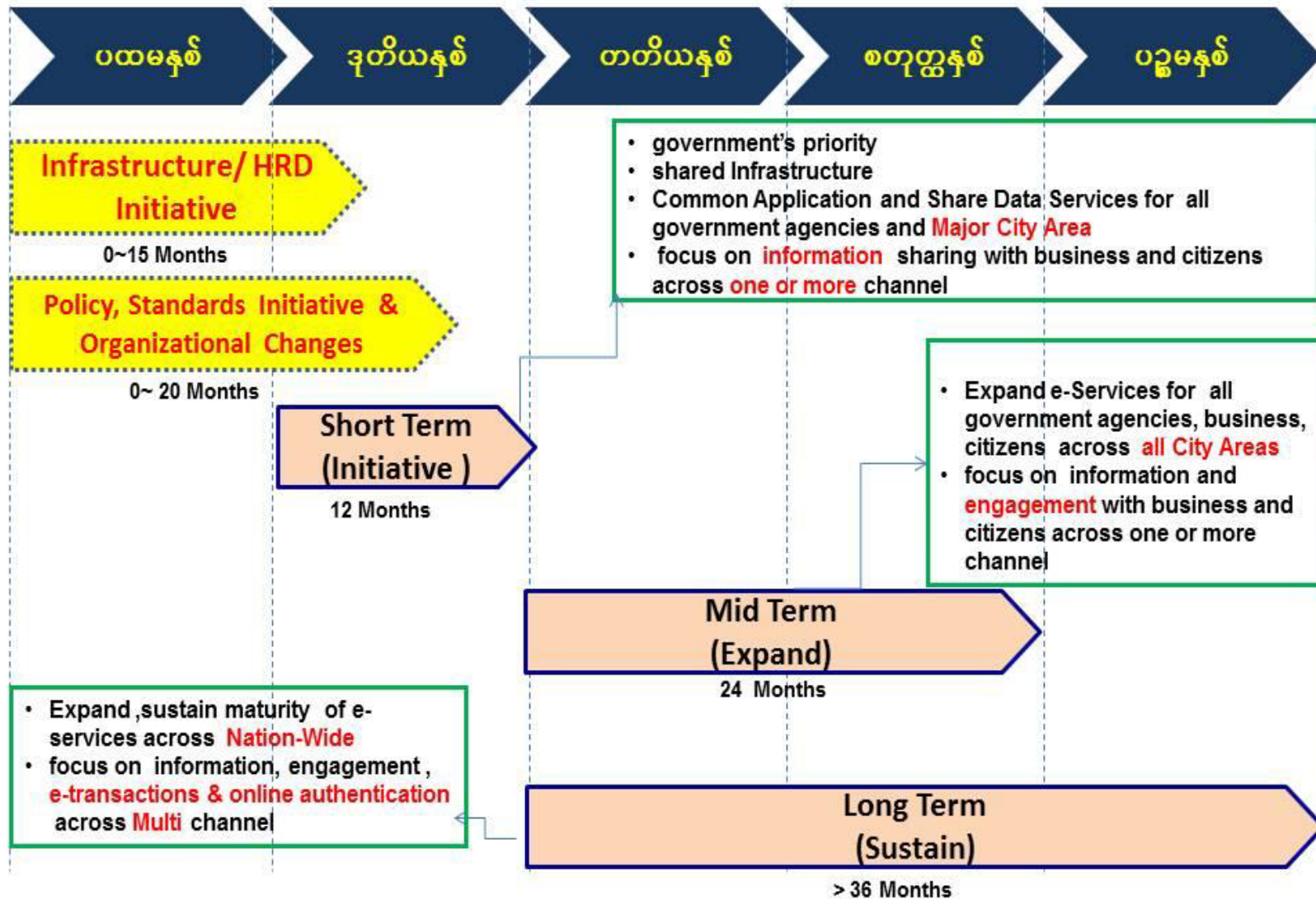
- National Government Portal
- Citizen ID Management System
- Document Management System
- Civil Service Identity Management System
- E-Government Call Centre
- Human Resource Management System (HRMS)

Recommended common data services

- National Data Base /National Data Hub
- National Map/GIS
- Citizen ID information
- Company Registration information
- Centralized Human Resource

e-Government အောင်မြင်စွာအကောင်အထည်ဖော်ဆောင်နိုင်ရန် ဆောင်ရွက်ရမည့်အချက်များ။

Recommended Implementation Roadmap



ICT Infrastructure

- Interconnection (International Bandwidth Capacity) Links
- Permitted Backbone Fiber Routes Lists
- Finished Tower Lists

Interconnection (International Bandwidth Capacity) Links

Cross Border Name	MPT	Telenor	Ooredoo	MNTC	Total
	BW (Gbps)	BW (Gbps)	BW (Gbps)	BW (Gbps)	BW (Gbps)
SEMEWE-3	10.00	-	-	-	10.00
SEMEWE-5	40.00	-	-	-	40.00
Thailand - Myawaddy	40.62	40	35.00	0.50	116.12
Thailand - Tachilek	41.00	40	20.00	-	101.00
Thailand - Three Pagoda	-	2	-	-	2.00
Thailand - Mawtaung	-	2	-	-	2.00
China - Muse	32.48	20	-	-	52.48
India - Tamu	-	-	-	-	-
Laos - Tachilek	-	-	-	0.50	0.50
Total	164.10	104.00	55.00	1.00*	324.10

Permitted Backbone Fiber Routes Lists (31.7.2017)

Sr. No	Company Name	No of Permitted Route	Finished (km)	Under Construction (km)	Total (km)
1	MPT	47	11712.99	3007.97	14720.96
2	Telenor	24	3435.55	517.76	3953.31
3	Ooredoo	18	3712.70	242.80	3955.50
4	MNTC(MyTel)	5	43.00	1283.90	1326.90
5	MFOCN	92	18631.85	4419.09	23050.94
6	Eager	4	391.79	0.00	391.79
7	Campana	1	0.00	30.80	30.80
8	M.T.N (Public)	1	0.00	600.00	600.00
9	Global Technology	2	0.00	1137.00	1137.00
10	Spectrum Life	1	0.00	462.84	462.84
Total		195	37927.88	12200.16	50128.04

Finished Tower Lists (31.7.2017)

Sr.No	Operator Name	No. of Tower
1	MPT	6453
2	Telenor	6066
3	Ooredoo	4613
4	MEC	1056
Total		15721

Conclusion

- e-Government process is developing significantly in Myanmar.
- It is necessary to develop e-Government by ICT through safe and secure ICT infrastructures.

Thank you