

PROGRAMME: Digital Transformation

PROGRAMME OVERVIEW

Snapshot of Medium-Term Budget Allocations

Table P1.1: Overview of Programme Expenditure (Ushs Billion)

		Approved Budget	MTEF Budget Projection				
		2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
Recurrent	Wage	13.376	13.376	13.376	13.376	13.376	13.376
	Non-Wage	46.840	27.704	27.704	27.704	27.704	27.704
Dev.	GOU	27.665	27.665	27.665	27.665	27.665	27.665
GOU TOTAL		87.880	68.745	68.745	68.745	68.744	68.744
	Ext.Fin.	74.765	33.024	62.382	109.060	315.110	239.880
TOTAL GOU+Ext Fin (MTEF)		162.650	101.768	131.126	177.805	385.855	308.625

Digital Transformation strategy and linkage to the National Development Plan III

Digital Transformation strategy

Over the next five years, DTP will focus on promoting the use of ICT in the entire economy and society through;

1. Deployment of secure, integrated and cross sector infrastructure Developing and promoting usage of quality communication and eservices,
2. Digital inclusion and citizen participation,
3. Ensuring standardization and interoperability of systems
4. Enhancement of national cyber security,
5. Promoting innovation and commercialisation of ICT products
6. Enhancing digital literacy and developing skills
7. Supporting development and uptake of emerging technologies such as Fourth Industrial Revolution Technologies
8. Process re-engineering and automation of end-to-end government business and service delivery.

Linkage to the National Development Plan III

The fundamental focus for the budget will be on increasing household incomes through a resource led, industrialization driven strategy guided by the theme “Industrialization for Job creation and Shared Prosperity” and the five strategic objectives of the NDPIII.

The Programme will be pursuing the following strategies to contribute towards the NDPIII: to promote ICT innovation, to enhance ICT skills and vocational development, to promote development-oriented mind-set and to increase government participation in strategic sectors.

Digital Transformation (Programme 10) aims to increase ICT penetration and use of ICT services for social and economic development. The expected results relate to: increasing ICT penetration, reducing cost of ICT devices and services, creating more direct jobs in the sector and increasing government services online.

TABLE P1.2 DIGITAL TRANSFORMATION PROGRAMME OUTCOMES AND OUTCOME INDICATORS

Programme Outcome

Increased ICT Penetration

Programme Objectives contributed to by the programme Outcome

1. Increase the national ICT infrastructure coverage

Programme Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/24	2024/25
Internet penetration increased (%)	2017/18	25%	30%	35%	43%	46%	50%
Population covered by broadband services (%)	2017/18	74%	79%	79%	83%	87%	90%
Digital Terrestrial TV signal coverage (%)	2017/18	56%	79%	79%	83%	87%	95%
Radio signal coverage (%)	2017/18	80%	85%	87%	90%	95%	98%
Fixed Broadband connectivity(subscribers)	2017/18	8,868	11,144	13,038	15,255	17,848	20,882
Unit cost of 1Mbps/month of internet	2017/18	237	200	140	100	90	70

Programme Outcome

Increased ICT usage

Programme Objectives contributed to by the programme Outcome

1. Enhance usage of ICT in national development and service delivery

Programme Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/24	2024/25
Proportion of government services online (%)	2017/18	20%	25%	40%	61%	72%	80%
ICT contribution to GDP (%)	2017/18	2.0%	2.67%	2.89%	3.13%	3.4%	3.69%
National broadband coverage with minimum speed of 8Mbps (%)	2017/18	31%	41%	51%	61%	71%	90%

Programme Outcome

Reduced cost of ICT devices and Services

Programme Objectives contributed to by the programme Outcome

1. Enhance ICT research and Innovation

Programme Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/24	2024/25
Unit cost of low entry smart phones (UGX)	2017/18	100,000	95,000	87,000	75,000	70,000	60,000
Cost of computers (UGX)	2017/18	1,600,000	1,550,000	1,300,000	1,000,000	900,000	800,000

Programme Outcome

Enhanced efficiency and productivity in service delivery

Programme Objectives contributed to by the programme Outcome

1. Enhance the ICT human resource capital

Programme Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/24	2024/25
ICT Development Index (IDI Value)	2017/18	2.19	2.5	3.2	3.6	3.8	3.9

ICT directly created jobs	2017/18	0	30,000	30,000	30,000	30,000	30,000
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Programme Outcome

Effective legal and regulatory framework

Programme Objectives contributed to by the programme Outcome

1. Strengthen the policy, legal and regulatory framework

Programme Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/24	2024/25
No of Legal and regulatory framework developed/reviewed	2017/18	0	1	1	1	1	1

P2: INTERMEDIATE OUTCOMES, OUTCOME INDICATORS AND PROPOSED BUDGET ALLOCATIONS ALIGNED TO THE NDP III

TABLE P2.1: Intermediate Outcomes and Outcome Indicators Aligned to the NDP III

NDP III PROGRAMME: DIGITAL TRANSFORMATION							
NDPIII PROGRAMME OUTCOMES CONTRIBUTED TO BY THE INTERMEDIATE OUTCOMES							
i) Increased ICT penetration							
Subprogramme 1: ICT Infrastructure							
Sub programme Objectives:							
1. Increase the national ICT infrastructure coverage.							
Intermediate Outcome:							
1. Increased access to ICTs							
2. Increased coverage							
Intermediate Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/2	2022/23	2023/2045	2024/25
%age of sub counties with broadband							
%age of districts HQs connected to the NBI	2017/18	30%	44%	44%	50%	60%	75%

NDP III PROGRAMME: DIGITAL TRANSFORMATION							
NDPIII PROGRAMME OUTCOMES CONTRIBUTED TO BY THE INTERMEDIATE OUTCOMES							
ii) Increased ICT usage							
Subprogramme 2: E-Services							
Sub programme Objectives: Enhance usage of ICT in National Development							
Intermediate Outcomes:							
<ol style="list-style-type: none"> 1. Increased usage of e-services 2. Increased quality of e-services 3. Improved service delivery 4. Reduced cost of service delivery 							
Performance Targets							
Intermediate Outcome Indicators	Baseline FY	Baseline	2021/22	2022/23	2023/24	2024/2025	2025/26
Percentage of beneficiaries satisfied with the QOS over the NBI	2017/18	0%	60%	70%	80%	90%	95%
No of Transactions conducted through the shared service delivery system	2017/18	0	15,000,000	20,000,000	50,000,000	100,000,000	100,000,000
Proportion of government services provided online	2017/18	20%	25%	40%	61%	72%	80%

NDP III PROGRAMME: DIGITAL TRANSFORMATION							
NDPIII PROGRAMME OUTCOMES CONTRIBUTED TO BY THE INTERMEDIATE OUTCOMES							
iii) Enhance efficiency and productivity in service delivery							
Sub-programme 3: Research, innovation and ICT skills development							
Sub programme Objectives:							
1. Enhance ICT research and innovation							
2. Increase the ICT human resource capital							
Intermediate Outcomes:							
1. Increased ICT human resource capacity							
2. Increased research and innovation products							
Intermediate Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2020/21	2021/22	2022/23	2023/2024	2024/25
Percentage of ICT solutions that have been adopted and commercialised	2017/18						

NDP III PROGRAMME: DIGITAL TRANSFORMATION							
NDPIII PROGRAMME OUTCOMES CONTRIBUTED TO BY THE INTERMEDIATE OUTCOMES							
iv) Effective Legal and Regulatory Framework							
Sub-programme 4: Enabling Environment							
Sub programme Objectives: Strengthen the policy, legal and regulatory framework							
Intermediate Outcomes:							
1. Ease of doing business							
2. Increased compliance							
3. Well-regulated ICT environment							
Intermediate Outcome Indicators	Performance Targets						
	Base year	Baseline	2021/22	2022/23	2023/24	2024/2025	2025/26
Level of compliance with ICT related laws, legislations and standards	2017/18	57%	65%	65%	70%	75%	75%

NDP III PROGRAMME: DIGITAL TRANSFORMATION							
NDPIII PROGRAMME OUTCOMES CONTRIBUTED TO BY THE INTERMEDIATE OUTCOMES							
v)							
Sub-programme 4: Institutional Coordination							
Sub programme Objectives:							
Intermediate Outcomes:							
1. Effective and efficient implementation of programs							
2. Effective administration and governance of institutions							
Intermediate Outcome Indicators	Performance Targets						
	Baseline FY	Baseline	2021/22	2022/23	2023/24	2024/2025	2025/26
	2017/18						

Table P2.2: Medium Term Projections by Sub-Programme;

Billion Uganda Shillings		Medium Term Projections				
Sub-programme	Approved Budget 2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
		Proposed Budget				
MoICT&NG						
E-Services	0.75	0.224	0.224	0.224	0.224	0.224
ICT Infrastructure	1.080	0.291	0.291	0.291	0.291	0.291
Research, Innovation and ICT skills development	0.70	0.163	0.163	0.163	0.163	0.163
Enabling Environment	0	0.383	0.383	0.383	0.383	0.383
Institutional Coordination	33.870	37.056	37.056	37.056	37.056	37.056
Sub Total for the Sub-Programme.	46.400	38.116	38.116	38.116	38.116	38.116
NITA-U						
E-services	77.780	27.864	41.716	46.309	108.123	85.553
ICT Infrastructure	20.790	13.781	20.137	71.997	195.625	150.488
Research, innovation and ICT skills development.	-	0.381	0.512	0.612	0.702	0.812
Enabling Environment	-	0.382	0.603	0.832	0.920	0.821
Institutional coordination	17.670	21.244	31.043	19.939	40.366	32.831

Sub Total for the Sub-Programme.	116.250	63.652	93.011	139.689	345.735	270.503
TOTAL FOR THE PROGRAMME	162.945	101.768	132.127	117.805	383.851	305.619

P3: PROGRAMME INTERVENTIONS FOR 2021/22

1. Extend broadband ICT infrastructure coverage countrywide in partnership with the private sector and implement last mile connectivity in public service delivery areas leveraging existing infrastructure by government and private sector players
2. Expand the Digital Terrestrial Television and Radio Broadcasting network
3. Establish and enhance national common core infrastructure (data centres, high power computing centers, specialized labs)
4. Mainstream ICT in all sectors of the economy and digitize service delivery
5. Strengthen Cyber Security in the country
6. Develop and implement the Data Protection and Privacy Program
7. Leverage the existing Government infrastructure to deliver public and private services
8. Digitize, archive and commercialize Local Content and data
9. Implement the national addressing system
10. Develop and support the ICT Research and Innovation ecosystem
11. Develop innovation and incubation Centers
12. Support local innovation and promote export of knowledge products
13. Promote local manufacturing and assembly of ICT products
14. Develop an ICT professional's quality assurance framework
15. Position UICT as the specialized institution for ICT training
16. Review and develop appropriate policies, strategies, standards and regulations that respond to industry needs
17. Coordinate and harmonize the implementation of ICT infrastructure and services

Programme Challenges in addressing gender and equity issues for FY 2021/22

1. Technologies changes in generations (As Technologies changes, there is no effort government to upgrade the skills for people implementing our ICT strategies)
2. Inconsistent and inadequate statistics
3. Perpetual cuts in funding that undermines the role of Digital Transformation within Government
4. Procurement of Highly costed IT systems
5. High costs of end user devices and internet services which undermines uptake of e-services
6. High costs associated with ICT training/skilling
7. COVID-19 Pandemic
8. Lack of Digital skills