



STRATEGIC ROADMAP AND ACTION PLAN (2024-2027)

SRAP 2.0





"We are committed to sustainable initiatives and programmes that will stimulate and rejuvenate the economy..."

HIS EXCELLENCY
BOLA AHMED TINUBU, GCFR
PRESIDENT OF THE FEDERAL REPUBLIC OF NIGERIA

NATIONAL INFORMATION
TECHNOLOGY DEVELOPMENT
AGENCY

Strategic Roadmap and Action Plan

(2024 - 2027)

S R A P 2 . 0

Contents

1.0

A NEW HORIZON:
Shaping our Digital Future

PAGE 3-4

2.0

ACCELERATING
OUR COLLECTIVE
PROSPERITY THROUGH
TECHNICAL EFFICIENCY

PAGE 5-6

3.0

MILESTONE
REFLECTIONS:
Strategic Roadmap and Action
Plan 2021 - 2024 (SRAP 1.0)
in review

PAGE 7-8

4.0

STRATEGIC CONTEXT
AND ASPIRATIONS

PAGE 9-10

5.0

STRATEGIC PILLARS

PAGE 11-26

6.0

RENEWED HOPE

PAGE 27-28

7.0

GLOSSARY

PAGE 29

8.0

ACRONYMS AND
ABBREVIATIONS

PAGE 30

1.0 A NEW HORIZON: Shaping our Digital Future

With great excitement, we present to you the NITDA Strategic Roadmap and Action Plan, 2024-2027 (SRAP 2.0). The document reflects our unwavering commitment to elevating Nigeria to a premier status in the global digital economy by harnessing the potential of digital innovation to drive national prosperity and inclusivity.

We stand at a pivotal juncture where the digital landscape presents boundless opportunities and SRAP 2.0 is a pathway for navigating this terrain with strategic foresight and agility. Therefore, this strategic document reflects our alignment with the priorities of the Renewed Hope Agenda of President

Bola Ahmed Tinubu, GCFR, and the blueprint of the Ministry of Communications, Innovation, and Digital Economy.

Our plan is underpinned by an understanding of global digital trends and how they resonate within our national context. We recognise the critical role of technology in catalysing economic growth, enhancing governance, and empowering citizens. SRAP 2.0 encapsulates our response to the digital imperatives of our time, ensuring that we are not merely participants but active shapers of the digital revolution through our Strategic Pillars. These pillars are centred around talent development, technology

Kashifu Inuwa, CCIE
DG/CEO
National Information Technology
Development Agency (NITDA)



***“Our journey is set,
our goals are clear,
and our resolve is
stronger than ever.”***

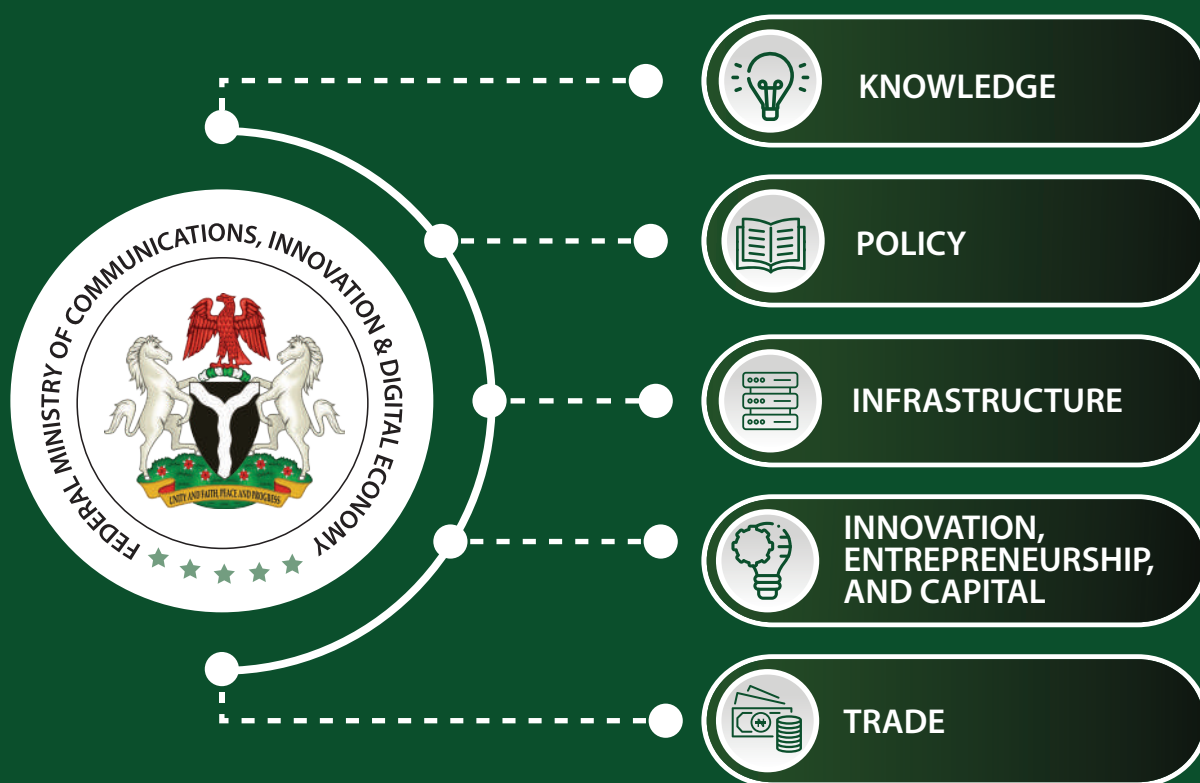
research, policy enablement, digital infrastructure, cybersecurity, innovation-driven entrepreneurship, strategic partnerships, and organisational excellence. They reflect our vision, aspirations, and objectives for the sustainable development of Nigeria's digital economy.

In this roadmap, you will find our strategic focus areas as well as our collective aspirations articulated with clarity and purpose. They represent the synthesis of our goals, the challenges we seek to overcome, and the milestones we are determined to achieve. We envision a future where every Nigerian can thrive in a secure, inclusive, and digitally enabled society.

As we present SRAP 2.0, we invite all our stakeholders to join us in this strategic endeavour. Together, we will build a resilient, innovative, and forward-looking digital Nigeria. Our journey is set, our goals are clear, and our resolve is stronger than ever. Let us embrace this journey with optimism and the collaborative spirit that defines our nation. Join us as we embark on this exciting path to a digital Nigeria, where technology serves as an enabler for development, national unity, and shared prosperity.

2.0 ACCELERATING OUR COLLECTIVE PROSPERITY THROUGH TECHNICAL EFFICIENCY

The NITDA Strategic Roadmap and Action Plan 2024-2027 (SRAP 2.0) is meticulously aligned with the Ministry of Communications, Innovation, and Digital Economy's strategic objectives, ensuring our initiatives significantly contribute to Nigeria's broader digital economy strategy. This alignment highlights how SRAP 2.0's initiatives are seamlessly integrated with the Ministry's strategic pillars:



SRAP 2.0 not only embodies NITDA's strategic goals but also reflects a synchronised effort with the Ministry's vision, driving towards a resilient, inclusive, and prosperous digital Nigeria. Our commitment to continuous collaboration, innovation, and strategic alignment ensures a successful and sustainable digital transformation journey for Nigeria.



DR BOSUN TIJANI

HONOURABLE MINISTER OF COMMUNICATIONS,
INNOVATION AND DIGITAL ECONOMY



KNOWLEDGE: SRAP 2.0's focus on fostering digital literacy and cultivating talents complements the Ministry's Knowledge Pillar. By establishing a robust technology research ecosystem, we are setting the stage for a society enriched with digital competencies, driving innovation and development.

POLICY: This Strategy is closely aligned with the Policy Pillar of the Ministry, focusing on strengthening policy implementation and legal frameworks. Crucially, NITDA is at the forefront of executing seven key policies out of the nine policies identified in the Ministry's plan. These include the National Policy on Digital Public Infrastructure (DPI), National Blockchain Policy, National Digital Economy Bill, Nigeria Startup Act (NSA), National Artificial Intelligence Strategy, National Data Strategy, and National Digital Literacy Framework (NDLF). These policies are instrumental in fostering a conducive environment for digital innovation and growth.

INFRASTRUCTURE: SRAP 2.0's commitment to enhancing DPI through standards, guidelines, and frameworks aligns with the Ministry's Infrastructure pillar. This strategic move is aimed at fostering the development of the Nigeria Stack, ensuring seamless and inclusive access to digital services.

INNOVATION, ENTREPRENEURSHIP, AND CAPITAL: Aligning with the Ministry, SRAP 2.0 seeks to nurture an innovative and entrepreneurial ecosystem. We aim to support startups, foster creativity, and encourage the development of solutions that address local and global challenges. By facilitating access to capital and creating a supportive environment for entrepreneurs, we aim to transform Nigeria into a hub of digital innovation.

TRADE: This pillar focuses on enhancing Nigeria's global digital economy competitiveness. SRAP 2.0 supports this through strategic partnerships and collaborations, aiming to open new markets for Nigerian innovations and integrate our digital economy into global trade networks. This effort not only boosts Nigeria's trade capabilities but also highlights the country's digital expertise internationally.

3.0 MILESTONE REFLECTIONS:

Strategic Roadmap and Action Plan 2021 - 2024 (SRAP 1.0) in review

As we embark on SRAP 2.0, reflecting on the impactful journey of SRAP 1.0 is essential. Aligned with the National Digital Economy Policy and Strategy (NDEPS 2020 - 2030), SRAP 1.0 has significantly advanced Nigeria towards a sustainable digital economy. A notable achievement of SRAP 1.0 was the successful completion of 41 out of 64 initiatives, demonstrating NITDA's effective implementation strategies and laying a solid foundation for future digital transformation. It is worthy to note that for continuity, the remaining 23 initiatives have been reflected in SRAP 2.0 Implementation Plan.

KEY ACHIEVEMENTS OF SRAP 1.0 INCLUDE:



DEVELOPMENTAL REGULATION:

SRAP 1.0 facilitated the establishment of regulatory frameworks, igniting market innovations and tech adoption. Notable achievements include the Nigeria Startup Act (NSA), IT Project Clearance Initiative leading to the IT Quality Assurance Framework, which saved the Federal Government over ₦311 billion. The Nigeria Data Protection Regulation (NDPR) resulted in ₦4.08 billion revenue, 7,680 jobs, licensing 133 Data Protection Compliance Organisations (DPCOs), and training 5,746 individuals. These milestones were backed by the Data Protection Act and an independent commission to oversee data privacy. Furthermore, 21 regulatory instruments promoting digital economy were developed. Additionally, the Code of Practice for Internet Intermediaries and Interactive Computer Service Providers has empowered a safer digital space for Nigeria by addressing online harms through a collaborative regulatory approach.



DIGITAL INNOVATION & ENTREPRENEURSHIP:

SRAP 1.0 enabled NITDA to enhance technological innovation and entrepreneurship, assisting over 345 startups through initiatives such as iHatch and Bridge to MassChallenge Nigeria, along with participation in global forums like GITEX Global and LEAP Tech Conference. This enhanced Nigeria's presence in the international tech ecosystem, securing over US\$400,000 and ₦382 million in grants for startups. These efforts significantly contributed to the growth of Nigeria's technology innovation ecosystem, aiding Nigerian startups in creating over 10,000 jobs and in raising over US\$5 billion between 2019 and 2023, representing nearly 30% of all funding raised in Africa.



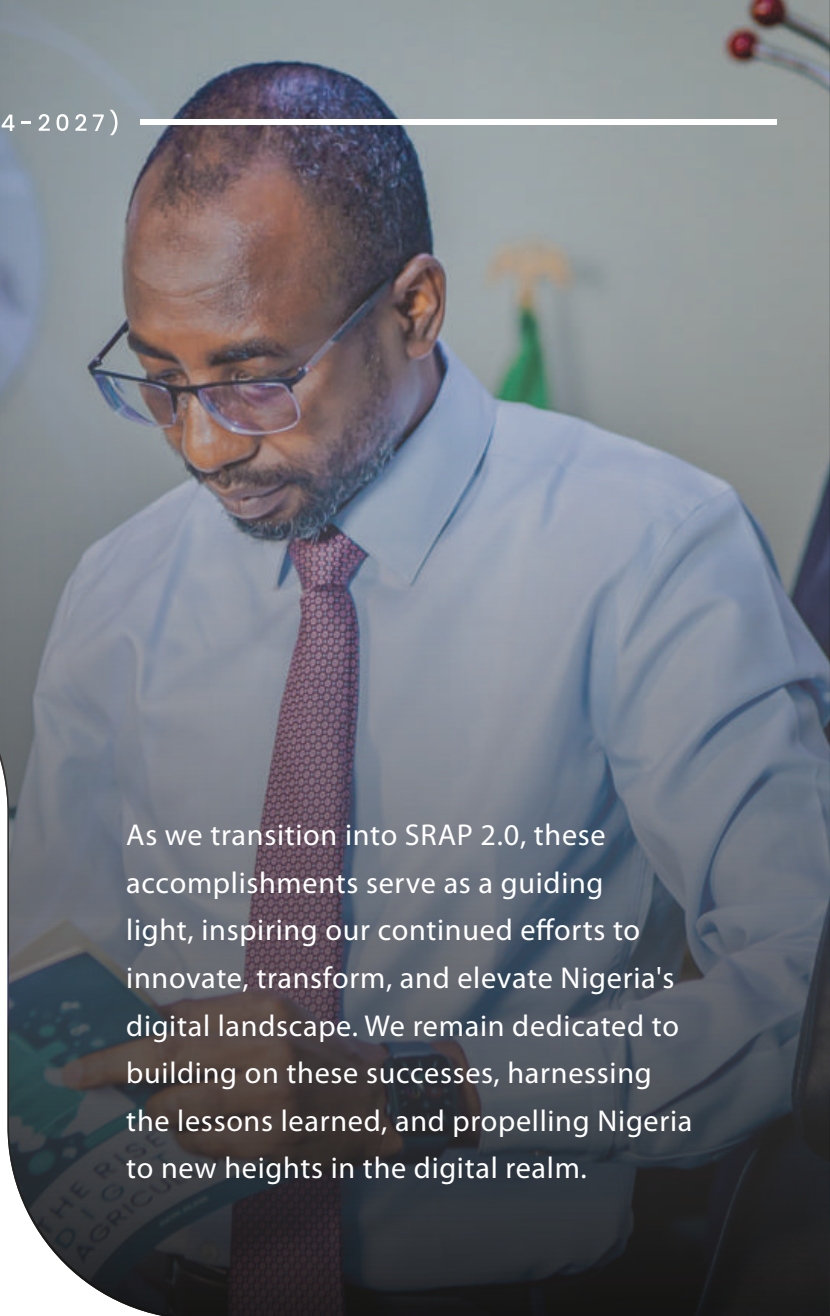
DIGITAL LITERACY AND SKILLS:

SRAP 1.0 enhanced Nigerian human capital development through multisectoral digital literacy programmes training over 3.3 million individuals, including civil servants, women, children, persons with disabilities, and artisans. It placed Nigeria on the map as a global tech talent hub with implementation of the 1 million developers programme, training over 350,000 participants in coding and non-coding skills.



DIGITAL TRANSFORMATION:

SRAP 1.0 significantly advanced digital transformation, establishing over 683 digital infrastructure and implementing .ng policies for mainstream digital adoption. Key initiatives like the National Adopted Village for Smart Agriculture (NAVSA) engaged 965 farmers and created over 5,000 jobs, promoting technology use in agriculture. Furthermore, the National Adopted School for Smart Education (NASSE) was designed to deploy digital education platforms to facilitate remote teaching, benefiting 1,500 Nigerians. Additionally, the formation of digital transformation technical working groups in Ministries, Departments and Agencies (MDAs) and the development of the Nigerian Government Enterprise Architecture further solidified the foundation for a digitally inclusive economy.



CYBERSECURITY:

NITDA, through SRAP 1.0, notably enhanced Nigeria's cybersecurity landscape, developing frameworks, standards, and guidelines to fortify the nation against cyber threats. Initiatives aimed at safe online practices, cybersecurity capacity building, and threat monitoring underscore NITDA's dedication to cyber resilience. The Nigerian National Public Key Infrastructure (PKI) is operated and governed by the National Information Technology Development Agency (NITDA), as a Root Certification Authority, to issue certificates to its approved subordinate – CAs and provides digital signature-based certification services to secure, and authenticate electronic transactions in Nigeria and globally.

As we transition into SRAP 2.0, these accomplishments serve as a guiding light, inspiring our continued efforts to innovate, transform, and elevate Nigeria's digital landscape. We remain dedicated to building on these successes, harnessing the lessons learned, and propelling Nigeria to new heights in the digital realm.



EMERGING TECHNOLOGIES:

SRAP 1.0's focus on emerging technologies has been transformative, with notable initiatives like the establishment of the National Centre for Artificial Intelligence and Robotics (NCAIR) and the formulation of key policies for AI and blockchain. NCAIR, as a beacon of innovation, not only advances research and development in AI, Robotics, and IoT but also provides state-of-the-art facilities for collaboration and digital skills training. Through programmes like NITDA Developer's Group (NDG) Training, it empowers developers with critical skills in Python for Machine Learning and Data Science, contributing to Nigeria's tech ecosystem and the broader digital economy.



PROMOTION OF INDIGENOUS CONTENT:

NITDA, pivotal in evolving Nigeria's IT sector, notably increased ICT's contribution to the GDP from 9.9% in 2018 to over 19.5% in Q2 2023. Through the IT Project Clearance instrument and sector-specific interventions, NITDA fostered economic growth. Its emphasis on local Original Equipment Manufacturers (OEMs) support under Executive Orders 003 and 005 spurred local tech and ensured indigenous solutions' adoption in government procurements, boosting the local tech industry. These strategic moves not only advanced GDP but also spurred job creation, underscoring NITDA's role in nurturing an indigenous digital economy.

4.0 STRATEGIC CONTEXT AND ASPIRATIONS

As we embark on SRAP 2.0, it's crucial to recognise the dynamic global digital landscape and Nigeria's ambitious national development goals. Our strategy is grounded in legislative and policy frameworks, addresses socio-economic disparities, and confronts cybersecurity challenges. We are dedicated to nurturing innovation and entrepreneurship, forging strategic partnerships, and strengthening NITDA's organisational capacity.



OUR VISION: To make Nigeria a digitally empowered nation, fostering inclusive economic growth through technological innovation.



OUR MISSION: We drive digital transformation to empower Nigerians through digital innovation, accessibility and enabling regulations.



OUR LEADERSHIP PRINCIPLES

CREATE CLARITY: Ensuring clear, concise communication and direction.

UNLEASH ENERGY: Inspiring enthusiasm and innovation.

BUILD TRUST: Cultivating a reliable and secure environment.

WIN TODAY: Focusing on immediate goals for momentum.

SHAPE TOMORROW: Anticipating and preparing for future challenges.

LEARN CONTINUOUSLY: Embracing growth and adaptation.

CHAMPION DIVERSITY: Advocating for inclusivity and varied perspectives.

OUR CORE VALUES

People First: Emphasising an inclusive customer-centric approach and excellence in service delivery.



Professionalism: Commitment to excellence and continuous improvement.



Innovation: Encouraging creativity to foster advancement.



SRAP 2.0's strategic aspirations aim to establish Nigeria as a leader in tech talent. This guides our journey towards a digitally empowered Nigeria, leveraging technology for prosperity and improved quality of life for all citizens. As we develop this strategy, we are mindful of the following:



Global Digital Trends: NITDA recognises the rapid global digital transformation impacting economies and societies. Emerging technologies like AI, Big Data, and IoT are reshaping the landscape. Our goal is to establish Nigeria as a leader in digital literacy and tech talent, ensuring Nigerians are well-equipped for the digital era.



National Development Goals: SRAP 2.0 aligns with Nigeria's national development goals, particularly focusing on leveraging ICT for economic growth and diversification. We aim to position Nigeria as a centre of excellence in technology research, renowned for innovation and as a hub for technology investments.



Legislative and Policy Framework: The Strategy is framed within Nigeria's legislative and policy structures, adhering to key laws and regulations. Our vision is to become a benchmark for effective digital policy implementation, setting new standards for regulation.



Socio-Economic Considerations: Addressing socio-economic disparities, SRAP 2.0 focuses on inclusive access to digital technology. We strive for universal digital access and inclusion, encouraging every Nigerian to benefit from digital transformation.



Cybersecurity Landscape: With increased digitalisation, cybersecurity risks have escalated, necessitating robust protective measures. Our goal is to enhance cybersecurity and trust, establishing a secure digital environment for all.



Innovation and Entrepreneurship: Innovation and entrepreneurship are critical for economic growth and technological advancement. We aspire to make Nigeria an epicentre of digital innovation and entrepreneurship, fostering a dynamic startup ecosystem.



Strategic Partnerships: Recognising the power of collaboration, NITDA values partnerships for knowledge exchange and market access. We seek to be a model for strategic digital partnerships, enhancing Nigeria's global digital engagement.



Organisational Capacity and Culture: Building NITDA's internal capacity is essential for executing our digital strategies. We aim to be an exemplar of organisational excellence, championing agility and continuous learning.

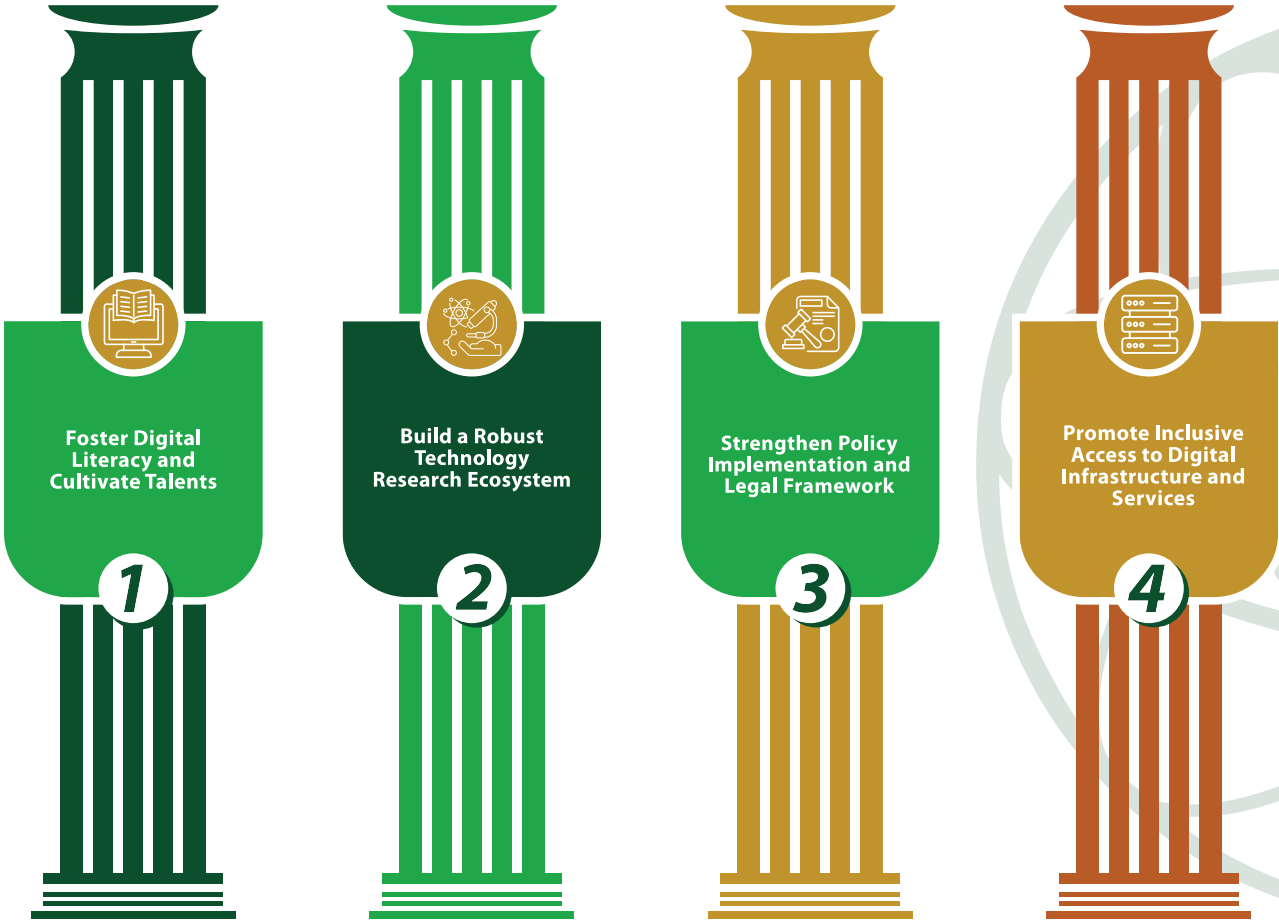
These strategic aspirations and contexts form the cornerstone of SRAP 2.0, guiding our initiatives towards a digitally empowered Nigeria. We are committed to transforming these aspirations into reality, making digital technology a key driver of prosperity and improved quality of life for all Nigerians.

5.0 STRATEGIC PILLARS



OUR VISION

To make Nigeria a digitally empowered nation, fostering inclusive economic growth through technological innovation.



OUR CORE VALUES



People First:
Emphasising an inclusive customer-centric approach and excellence in service delivery.

NITDA



OUR MISSION

We drive digital transformation to empower Nigerians through digital innovation, accessibility and enabling regulations.



Strengthen Cybersecurity and Enhance Digital Trust

5



Nurture an Innovative and Entrepreneurial Ecosystem

6



Forge Strategic Partnerships and Collaboration

7



Cultivate a Vibrant Organisational Culture and an Agile Workforce in NITDA

8



Innovation:
Encouraging creativity to foster advancement.



Professionalism:
Commitment to excellence and continuous improvement.



1 FOSTER DIGITAL LITERACY AND CULTIVATE TALENTS

In today's digital era, the need for digital skills is paramount. With global economies transforming digitally, there's a rising demand for a workforce adept in both basic digital literacy and advanced technological skills. This shift presents a critical opportunity for nations, especially Nigeria, to leverage their youthful population and digital growth to establish a competitive edge in the global economy.

OPPORTUNITIES

A Korn Ferry report forecasts a global talent shortage of 85 million by 2030, which will result in US\$8.5 trillion unrealised annual revenue. This presents a significant opportunity for Nigeria to emerge as a global digital talent powerhouse, especially with its young population combined with increasing digital engagement.

SUCCESS INDICATORS

70% digital literacy level achieved by 2027

Achieve a 70% digital literacy level by 2027 through the implementation of the National Digital Literacy Framework (NDLF), which integrates digital literacy into formal education curricula, focuses on workforce readiness, and empower Nigerians in the informal sector through the Digital Literacy for All (DL4All) initiative.

SRAP 2.0 is anchored by eight strategic pillars that shape the Agency's direction and growth over the next four years. Furthermore, these pillars align with the Renewed Hope Agenda, the Sustainable Development Goals (SDGs), and Environmental, Social, and Governance (ESG) principles. This alignment underscores our dedication to achieving digital excellence and contributing to both national and global development goals.

STRATEGIC IMPORTANCE

A report by PricewaterhouseCoopers (PwC) in August 2022 titled "Nigerian Brain Exports: The Optimal Path to Growing the Nigerian Economy" highlighted the country's potential to lead in exporting digital skills and services, tapping into its demographic dividend to address the global talent gap.

IMPLEMENTATION FOCUS

- IMPLEMENT THE NATIONAL DIGITAL LITERACY FRAMEWORK (NDLF)
- IMPLEMENT THE 3 MILLION TECH TALENTS (3MTT)

3MTT 3M tech talents trained by 2027

Implement the 3 Million Tech Talents (3MTT) Training initiative to prepare Nigerian youth for global digital opportunities, aimed at bridging the international technology talent gap.



2 BUILD A ROBUST TECHNOLOGY RESEARCH ECOSYSTEM

In the quest for sustainable economic growth, establishing a robust technology research ecosystem is paramount. This ecosystem is the crucible where innovation is born, fostering developments that propel nations towards prosperity and global competitiveness. Research ignites innovation by uncovering new knowledge, which leads to the development of transformative technologies and solutions. These advancements not only enhance productivity across industries but also establish a country's competitive advantage on the global stage. For instance, breakthroughs in AI, Robotics, and IoT have revolutionised sectors from manufacturing to healthcare, driving both economic growth and societal progress.

OPPORTUNITIES

Investing in technology research equips Nigeria with the tools to navigate and lead in the Fourth Industrial Revolution. By focusing on strategic areas such as Artificial Intelligence (AI), Unmanned Aerial Vehicles (UAVs), Internet of Things (IoT), Robotics, Blockchain, and Additive Manufacturing, Nigeria aims to position itself among the top 25 percent of nations globally in these fields. This ambition not only draws vital research funding but also attracts global partnerships, enhancing Nigeria's standing as a leader in technological innovation.

STRATEGIC IMPORTANCE

Collaboration across academia, industry, and government is crucial for addressing complex global challenges. By fostering a collaborative research environment, Nigeria can leverage collective expertise and resources to make significant contributions to both national and international development goals.

IMPLEMENTATION FOCUS

- ESTABLISH SPECIAL PURPOSE VEHICLES (SPVs)
- ESTABLISH TECHNOLOGY CENTRES OF EXCELLENCE
- CREATE A COLLABORATIVE RESEARCH FRAMEWORK

SUCCESS INDICATORS

**1 SPV
by 2024**

Repurpose the National Centre for Artificial Intelligence and Robotics (NCAIR) to create an AI and Cybersecurity Experience and Incubation Centre to centralise efforts to drive Nigeria forward in key technological areas

**6 Emerging Technology
Centres of Excellence
created by 2025**

Create specialised centers within universities for the six emerging technologies by 2025, making Nigeria a beacon of research and development in Africa and beyond.

40

research papers published in reputable journals by conducting systematic literature reviews of ongoing research in emerging technologies & identify key areas for collaboration.

20%

of research papers commercialised.

\$17.5m

on emerging technologies.
funds raised for research

Drive research financing in the six emerging technologies, ensuring Nigeria's active participation in shaping the future of digital technology globally.



3 STRENGTHEN POLICY IMPLEMENTATION AND LEGAL FRAMEWORK

In an era marked by rapid digitalisation, establishing a robust legal and regulatory framework is paramount to fostering an environment conducive to innovation and growth. This Pillar focuses on enhancing Nigeria's digital technology landscape to support its transformation, ensuring policies are not only forward-thinking but also adaptable to emerging technological trends.

OPPORTUNITIES

The evolving digital domain demands a regulatory approach that balances innovation with security, privacy, and ethical considerations. By revisiting and strengthening existing policies and legal structures, Nigeria can unlock new opportunities for digital advancement and economic growth.

STRATEGIC IMPORTANCE

A solid legal framework acts as the backbone for digital economy, safeguarding interests while encouraging innovation. This includes developing clear guidelines for DPI, data exchange platform, and the establishment of PKI standards, thereby creating a reliable digital environment for citizens, businesses, and investors.

IMPLEMENTATION FOCUS

- DEVELOP DIGITAL PUBLIC INFRASTRUCTURE (DPI) REGULATORY STANDARDS
- CREATE FRAMEWORK FOR DATA EXCHANGE
- FACILITATE THE ENACTMENT OF THE DIGITAL ECONOMY BILL
- CREATE FRAMEWORK FOR PKI
- CREATE FRAMEWORK FOR CYBER INSURANCE
- STRENGTHEN IMPLEMENTATION OF THE IT PROJECT CLEARANCE

SUCCESS INDICATORS

Ensuring
robust
governance
of digital
services

100%

completion of DPI regulatory instruments by 2025.

5

sector data exchange frameworks, developed and validated with key stakeholders, including regulators, service providers, and universities by 2026

100%

completion of PKI framework by 2024

To enhance security for digital transactions.

100%

Cyber insurance framework developed by 2025

Encouraging a resilient digital ecosystem.

100%

government IT projects evaluated annually

Ensuring effective delivery of government projects in IT.



4 PROMOTE INCLUSIVE ACCESS TO DIGITAL INFRASTRUCTURE AND SERVICES

In the era of digital transformation, equitable access to digital infrastructure and services emerges as a cornerstone for societal progress and economic development. Recognising the transformative power of digital technologies, this Pillar aims to remove barriers and foster an inclusive digital environment where every Nigerian, regardless of gender, socioeconomic status, or geographical location, can thrive.

IMPLEMENTATION FOCUS

- PROMOTE THE USE OF NIGERIA STACK
- DEPLOY BLOCKCHAIN SOLUTIONS IN MDAS
- ACHIEVE 40% WOMEN PARTICIPATION IN ALL CAPACITY AND SKILLS DEVELOPMENT INITIATIVES
- ESTABLISH DIGITAL LEARNING CENTRES AND INNOVATION HUBS NATIONWIDE
- PROMOTE 4IR TECHNOLOGY SOLUTIONS IN AGRICULTURE
- CREATE TECHNOLOGY DEVELOPMENT ZONES
- ENABLE DIGITAL OPPORTUNITIES AT A SOCIETAL SCALE THROUGH TECHNOLOGY ACCESS DEMAND DRIVERS

OPPORTUNITIES

The digital divide poses a significant challenge to achieving the Sustainable Development Goals (SDGs) and undermines efforts towards equitable development. With a strategic focus on inclusivity, Nigeria positions itself to harness the potential of its diverse population, bridging gaps and ensuring that digital advancements benefit all layers of society.

STRATEGIC IMPORTANCE

Leveraging digital inclusivity, Nigeria can accelerate its journey towards sustainable development, economic diversification, and enhanced social welfare. This entails not only the expansion of digital literacy and skills but also the deployment of accessible, affordable, and reliable digital infrastructure across the nation, thereby catalysing innovation, entrepreneurship, and economic empowerment.

SUCCESS INDICATORS

3

successful use cases of the Nigerian Stack for digital end-to-end service delivery

6

secure and scalable digital services facilitated at societal scale

8

blockchain
use cases by
2027

To foster transparency and efficiency in governance.

444

innovation spaces established by 2027

Promote access to digital learning facilities and foster indigenous innovation ecosystems across all regions.

6

technology
development
zones created
by 2027

Encourage region-specific tech innovation to address local challenges and spur economic growth by partnering with universities to host and manage the Technology Development Zones (TDZs), ensuring they align with regional technological needs.

5M

digitally under-served and un-served individuals connected through different digital initiatives such as 774 LG Digital Service Space Programme, Digital Learning Centre Programme, Country Digital Acceleration (CDA) Programme, Digital Technology for Development Club Initiative, etc.

40%

women's

participation in capacity and skills development initiatives

Through the implementation of the National Gender Digital Inclusion Strategy (NGDIS), the Agency will ensure an increase in female participation and involvement of all capacity and skills development initiatives.

Infuse 4IR technology solutions and talents into agriculture to boost food security, improve agriculture's contribution to GDP, and drive economic diversification.

8

4IR technology
solutions
deployed by
2027.

6000

technology enabled jobs created
through smart agric initiatives



5

STRENGTHEN CYBERSECURITY
AND ENHANCE DIGITAL TRUST

In the digital age, cybersecurity is not just a technical necessity but a critical foundation for trust and confidence in digital services. As the digital landscape evolves, the threats to data security and system integrity grow more sophisticated. Recognising this, our strategic emphasis on cybersecurity aims to build a resilient digital environment where citizens and businesses can operate with confidence.

OPPORTUNITIES

The increasing digitalisation of Nigeria’s economy and public services presents a unique opportunity to establish robust cybersecurity measures. This move is essential to safeguard our digital assets, protect personal information, and ensure the continuity of critical services, thereby fostering a secure and trustful digital ecosystem.

STRATEGIC IMPORTANCE

Nigeria's commitment to strengthening cybersecurity and digital trust positions it as a leader in Africa's digital transformation journey. Our proactive stance on cybersecurity readiness, combined with the development of a skilled workforce in cybersecurity disciplines, provides a competitive edge. It enables us to attract digital investments and partnerships, ensuring our participation in the global digital economy.

IMPLEMENTATION FOCUS

- IMPLEMENT NATIONAL PUBLIC KEY INFRASTRUCTURE (PKI)
- LAUNCH E-TRUST INITIATIVE
- FACILITATE CYBERSECURITY COLLABORATION
- IMPLEMENT THREAT DETECTION AND MITIGATION

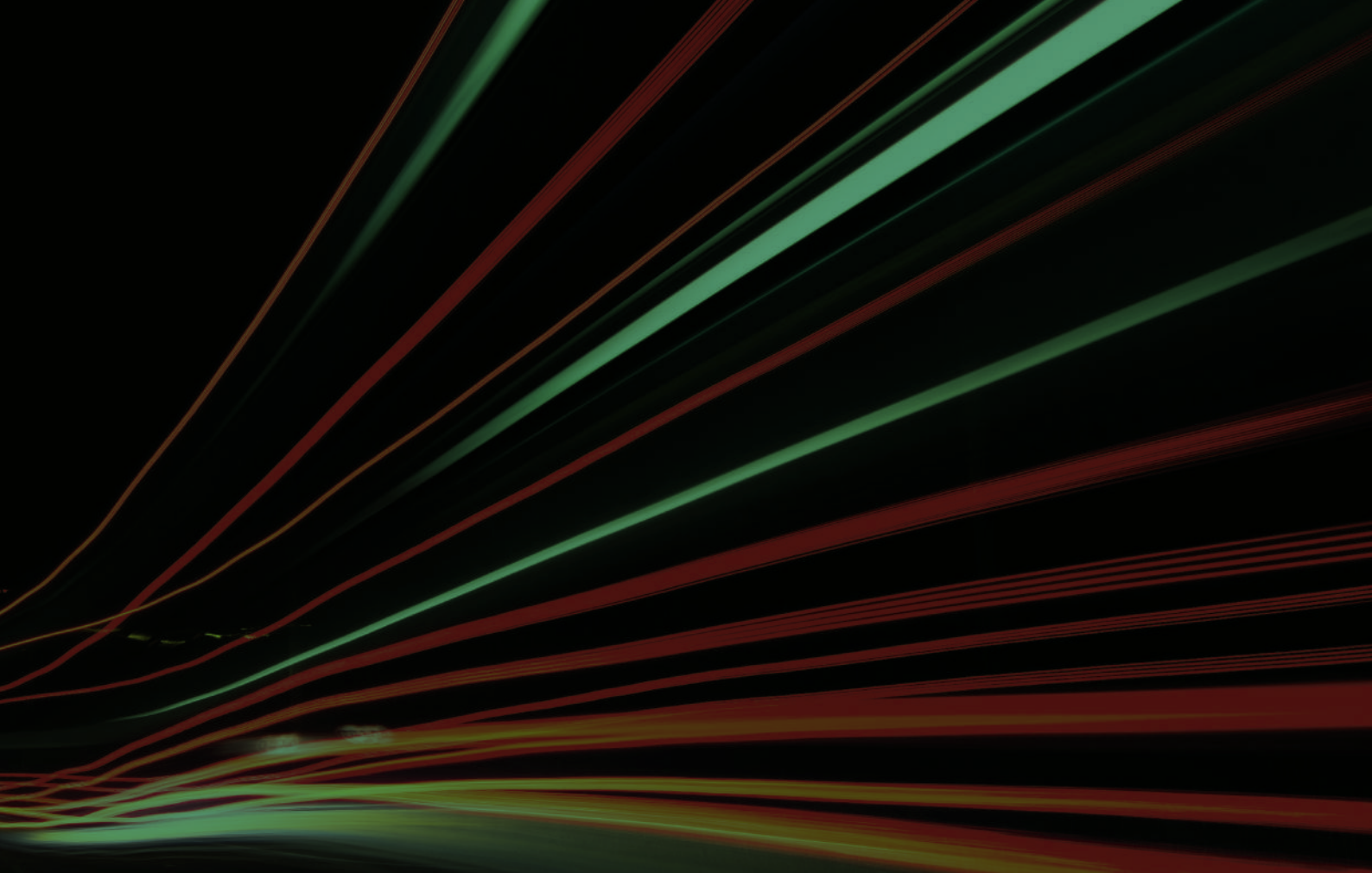
SUCCESS INDICATORS

100% eligible organisations licensed

To enhance the security of digital transactions and communications across all sectors.

100% eligible platforms registered with the ETRUST

To boost consumer confidence in online markets through the certification of digital services and e-commerce platforms.



50%

increase in partnerships by 2025

Partner with local and international Computer Security Incident Response Teams (CSIRTs), Cybersecurity Providers and Managed Security Service Providers (MSSPs) to boost threat intelligence sharing and enhance response capabilities.

40%

reduction in successful cybersecurity attacks by 2027

Aim to detect and neutralize cyber threats within MDAs' networks through proactive monitoring and response actions by the Agency's Computer Emergency Readiness and Response Team (CERRT).



6 NURTURE AN INNOVATIVE AND ENTREPRENEURIAL ECOSYSTEM

Nurturing an innovative and entrepreneurial ecosystem is pivotal for advancing Nigeria's socio-economic development and global competitiveness. Innovation and entrepreneurship are the engines of growth, driving competitiveness and economic diversification. This strategic pillar aims to transform Nigeria into a hub for IT products and services, leveraging the implementation of the Nigerian Startup Act (NSA) to enhance ICT's contribution to the GDP and foster a dynamic ecosystem that propels economic growth.

OPPORTUNITIES

The global digital economy presents vast opportunities for Nigerian startups and innovators. By creating a supportive environment that encourages creativity, Nigeria can unlock the potential of its entrepreneurs to innovate, scale up, and compete on the international stage.

STRATEGIC IMPORTANCE

Nigeria's youthful population, combined with its growing technological adoption, positions the country to lead in the digital economy. Focusing on building a robust ecosystem for startups and tech-enabled businesses will attract investments, increase access to global markets, and boost foreign direct investment.

What will we measure?

IMPLEMENTATION FOCUS

- PROMOTE THE GROWTH OF BLOCKCHAIN STARTUP
- IMPLEMENT INCENTIVES FOR STARTUPS
- FACILITATE PROCUREMENT OPPORTUNITIES FOR TECH STARTUPS
- INCREASE CAPITAL OPPORTUNITIES FOR TECH STARTUPS
- ENABLE PUBLIC-PRIVATE PARTNERSHIPS
- IMPROVE CROSS-BORDER TRADE

SUCCESS INDICATORS

100

100 startups developing blockchain solutions by 2027

Aim to increase the number of startups leveraging blockchain's potential for transparency, security, and efficiency.

100%

eligible startups labeled by 2027

Increase the number of startups with access to incentives stimulating innovative business growth and attracting investments.

45%

IT procurement projects awarded to startups by 2027

Increase the access of tech-enabled startups to procurement opportunities, fostering public-private collaborations that drive economic growth.

\$5b capital raised
by Nigerian tech
startups

Facilitate a 50% year-on-year increase in capital raised by Nigerian tech startups, to support startup expansion and sustainability.

2 PPP pilot
programmes
launched across
HealthTech and
EdTech by 2027

Launch at least one PPP pilot program each in HealthTech and EdTech by identifying and matching hospitals and educational institutions with startups to leverage digital solutions for sectoral growth and MDAs collaboration.

▲ 10%

**increase in cross-border
trade of homegrown
innovations by 2025**

Facilitate an increase in cross-border trade of homegrown innovations under the African Continental Free Trade Agreement (AfCFTA) by supporting market entry for startups, and facilitate the removal of regulatory bottlenecks.



**FORGE STRATEGIC PARTNERSHIPS
AND COLLABORATION**

Strategic partnerships are fundamental to advancing Nigeria's digital transformation agenda. Collaborating with public and private sector entities, academia, and international organisations will enhance SRAP 2.0's impact and visibility, aligning with global efforts to achieve development goals. This Pillar emphasises the importance of synergistic relationships to amplify Nigeria's digital initiatives and global presence.

IMPLEMENTATION FOCUS

- PARTICIPATE IN GLOBAL PLATFORM ENGAGEMENT
- EXPAND TECH ECOSYSTEM PARTNERSHIPS
- STRENGTHEN DIASPORA COLLABORATION

STRATEGIC IMPORTANCE

Nigeria's rich cultural diversity, strategic geopolitical position, and burgeoning tech ecosystem present a unique competitive advantage. Leveraging these strengths through international collaborations can elevate Nigeria's status as a key player in the global digital landscape.

OPPORTUNITIES

In the global digital economy, partnerships offer opportunities for knowledge exchange, capacity building, and access to new markets. By forging strategic alliances, Nigeria can tap into international expertise, technologies, and resources, furthering its digital objectives.

SUCCESS INDICATORS

6 global platforms participation by 2027

Actively participate in six global platforms for policy discussions and talent exposure, while adopting the reciprocity principle to support the export of key Nigerian tech platforms in Africa and beyond

Aim to enhance partnerships and community engagement by 150% by 2027

fostering an ecosystem conducive to innovation and inclusive development.

6 MoUs signed by 2027

Sign 6 MOUs with key ecosystem organisations, establish a yearly agenda, and hold biannual partner planning meetings to ensure continuous collaboration and alignment.

400 diaspora Nigerians engaged by 2027

Proactive engagement with Nigerians in the diaspora by creating a diaspora talent database, developing an engagement platform, partnering with the Nigerian Diaspora Commission (NIDCOM), and recognising their contributions through STI awards to accelerate the nation's digital transformation.



8

CULTIVATE A VIBRANT ORGANISATIONAL CULTURE AND AN AGILE WORKFORCE IN NITDA

Cultivating a vibrant organisational culture and nurturing an agile workforce are paramount to NITDA's pursuit of organisational excellence. This Pillar underscores the importance of fostering an environment that encourages learning, psychological safety, and adaptability, ensuring that the workforce is prepared to meet the dynamic challenges of the digital age.

IMPLEMENTATION FOCUS

- PROMOTE BEHAVIOURAL MINDSET AND CULTURAL REORIENTATION
- ENHANCE PERFORMANCE AND PRODUCTIVITY
- PROMOTE LEARNING CULTURE
- IMPLEMENT KNOWLEDGE MANAGEMENT SYSTEM
- ADOPT GLOBAL BEST PRACTICES
- RESTRUCTURE THE ORGANISATION TO ENHANCE PERFORMANCE
- AUTOMATE CRITICAL PROCESSES

OPPORTUNITIES

A progressive organisational culture and agile workforce present an opportunity to enhance innovation, efficiency, and responsiveness within NITDA. By embracing flexibility, collaboration, and transparency, NITDA can foster a culture that supports continuous improvement and adaptability.

STRATEGIC IMPORTANCE

NITDA's commitment to a learning and psychologically safe environment sets it apart, enabling it to attract and retain top talent while fostering a culture of innovation and experimentation. This approach not only enhances employee engagement and productivity but also positions NITDA as a leader in organisational culture within the public sector.

SUCCESS INDICATORS

LEVEL 4

Psychological safety by 2027

Achieve cultural transformation and establish a psychologically safe organisation by enhancing collaboration, creativity, and effectiveness, while providing a robust feedback system to foster open communication and continuous improvement.

Aim to improve NITDA's performance and productivity through continuous improvement in the Performance Management System.

80% employee average performance by 2027

100% deployment of automated Performance Management System by 2025

80%

of employees at the desired competency level by 2027

Leverage the use of LMS to achieve proficiency in core competencies to foster a culture of continuous learning and skill development.

100%

deployment of Knowledge Management System by 2026

Develop a Knowledge Management System to strategically manage institutional knowledge and ensure a robust talent pipeline for future needs.

100%

compliance to internationally adopted standards

Align NITDA's operations with international standards for optimal service delivery, ensuring the Agency remains competitive and relevant.

100% key process automation by 2027

Automate key operational processes such as budgeting, Finance, HR and procurement to enhance transparency, efficiency, and overall organisational performance.

6.0 RENEWED HOPE

In the spirit of progress and innovation, the National Information Technology Development Agency (NITDA) is embarking on a transformative journey with the Strategic Roadmap and Action Plan, 2024 - 2027 (SRAP 2.0). This document is not just a blueprint; it is a commitment to propel Nigeria into a future where digital technology and economic growth converge to uplift our nation. Aligned with President Bola Ahmed Tinubu's Renewed Hope Agenda, SRAP 2.0 represents our collective resolve to harness the power of digital transformation and innovation for a brighter and more prosperous Nigeria. As we unveil SRAP 2.0, we are mindful of the President's redefined priorities, which deeply resonates with our mission and the broader aspirations of our people. SRAP 2.0 is a testament to our dedication to assisting the President in:



Reforming the economy to deliver sustained inclusive growth: By leveraging digital literacy and cultivating a pool of tech talents, we aim to transform Nigeria into a globally recognised hub of technology and innovation. This endeavour will drive economic diversification and boost productivity across all sectors.



Strengthening national security for peace and prosperity: Our commitment to robust cybersecurity measures and digital trust will not only safeguard our digital infrastructure but also contribute to the overall peace and prosperity of the nation.



Boosting agriculture to achieve food security: Through strategic interventions of the 4IR solutions in agriculture and digital literacy, we aim to transform agriculture, making it a more efficient and productive sector.



Unlocking energy and natural resources for sustainable development: Our focus on innovation and digital infrastructure will enable the integration of technology in these critical sectors, driving sustainable practices and growth.



Enhancing infrastructure and transportation as enablers of growth: By building a robust technology research ecosystem and promoting access to digital services, we aim to lay the foundation for a resilient and dynamic digital economy.



HIS EXCELLENCY
BOLA AHMED TINUBU, GCFR
PRESIDENT OF THE FEDERAL REPUBLIC OF NIGERIA



Focusing on education, health, and social investment as essential pillars of development: Our initiatives are designed to strengthen the capacity of these essential pillars of development through digital innovation and inclusive access to technology.



Accelerating diversification through industrialisation, digitisation, creative arts, manufacturing, and innovation: Aligned with the need to diversify the economy, our strategic pillars support nurturing an innovative and entrepreneurial ecosystem and forging strategic partnerships. Incorporating additive manufacturing initiatives, will enhance our manufacturing capabilities, making Nigeria a beacon of digital and economic transformation. This initiative aims to drive economic diversification, boost productivity, and position Nigeria as a leader in digital innovation, smart and sustainable manufacturing practices.



Improving governance for effective service delivery: Through the promotion of inclusive access to digital infrastructure and services, and by strengthening policy implementation and legal frameworks, we commit to enhancing the governance and delivery of public services.

With SRAP 2.0, NITDA is poised to lead a digital revolution that not only aligns with the Renewed Hope Agenda but also amplifies its impact across every corner of Nigeria. We invite all stakeholders to join us in this noble endeavour, as we collectively shape a future that reflects our aspirations and harnesses the full potential of our nation's digital capabilities. Together, we will chart a course towards a more inclusive, prosperous, and digitally empowered Nigeria.

7.0 Glossary

The following definitions have been adopted for the purposes of this document.



DIGITAL ECONOMY

Any aspect of the economy that is based on or driven by digital and computing technologies. It essentially covers all business, economic, social and cultural activities that are supported by the web and other digital communication technologies.



GOAL

A primary outcome to be reached within a timeframe.



INITIATIVE

Implementable projects and programmes designed to meet a specific objective.



OBJECTIVE

Specific measurable actions to be taken in order to achieve a desired result.



STRATEGY

A framework to guide in making choices to achieve a desired future. It is an iterative process that clearly defines what an organisation will do, what it will not do and what it will stop doing.



STRATEGIC PILLARS

These are the fundamental building blocks that support and guide the development of a particular strategy. They provide direction and focus, helping to ensure that the strategy is implemented effectively.



STRATEGIC CONTEXT AND ASPIRATIONS

This refers to the circumstances, conditions, and factors that influence the development and implementation of a strategic plan. The aspirations are the long term, overreaching goals and objectives that an organisation aims to achieve in order to fulfil its mission and vision.



SUCCESS INDICATORS

This is the measurable criteria used to assess the level of achievement and progress on the strategic objectives.

8.0 *Acronyms and Abbreviations*

3MTT	3 Million Technical Talent
AI	Artificial Intelligence
CERRT	Computer Emergency Readiness and Response Team
DPI	Digital Public Infrastructure
ESG	Environmental, Social and Governance
FMoCIDE	Federal Ministry of Communications, Innovation, and Digital Economy
IoT	Internet of Things
IT	Information Technology
KPI	Key Performance Indicator
MDAs	Ministries, Departments, and Agencies
NDLF	National Digital Literacy Framework
NITDA	National Information Technology Development Agency
NSA	Nigeria Startup Act
PKI	Public Key Infrastructure
PPP	Public-Private Partnership
SDGs	Sustainable Development Goals
SPV	Special Purpose Vehicle
SRAP 1.0	Strategic Roadmap and Action Plan, 2021 - 2024
SRAP 2.0	Strategic Roadmap and Action Plan, 2024 - 2027
UAVs	Unmanned Aerial Vehicles



     @NITDANigeria || www.nitda.gov.ng