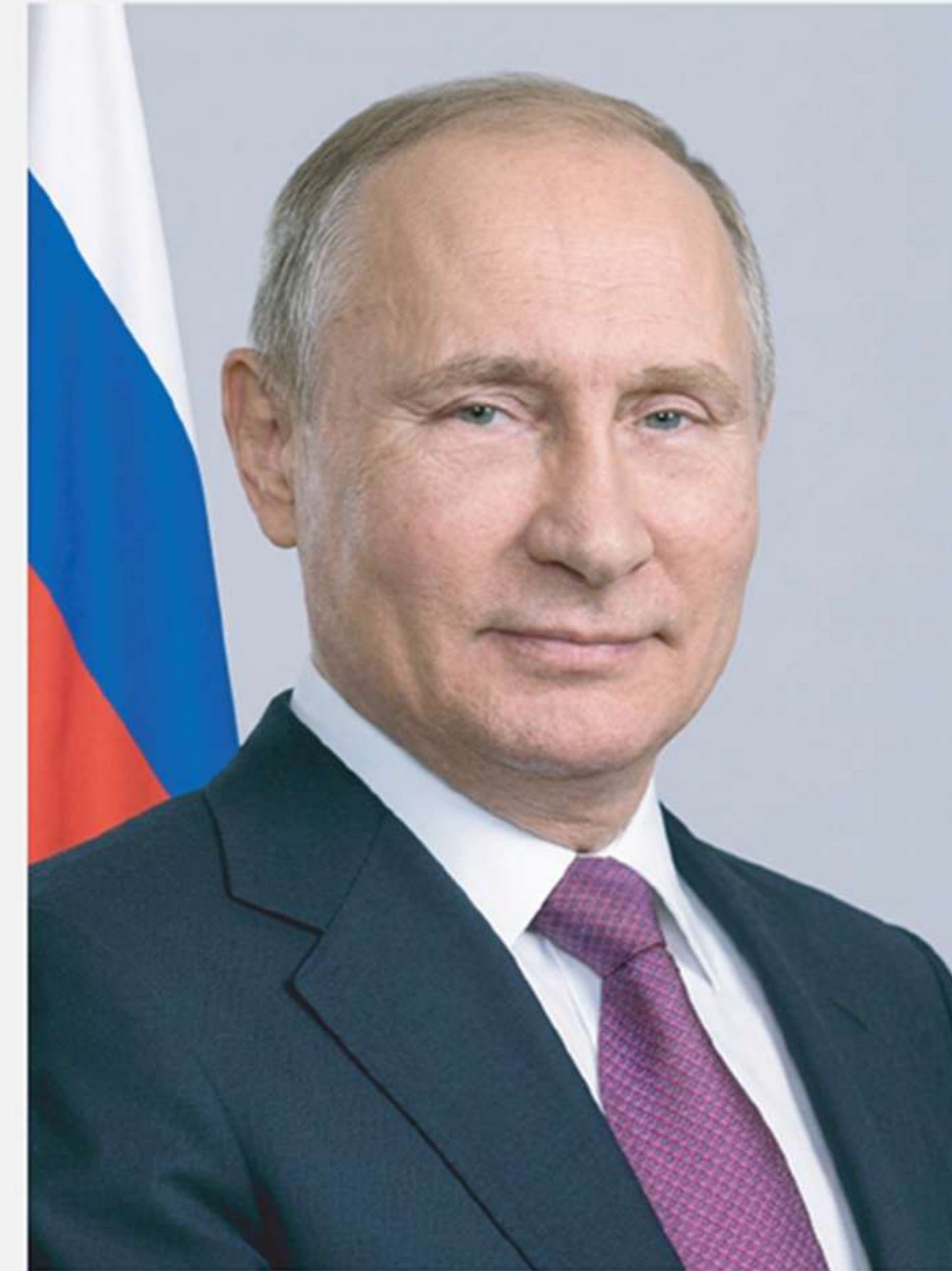


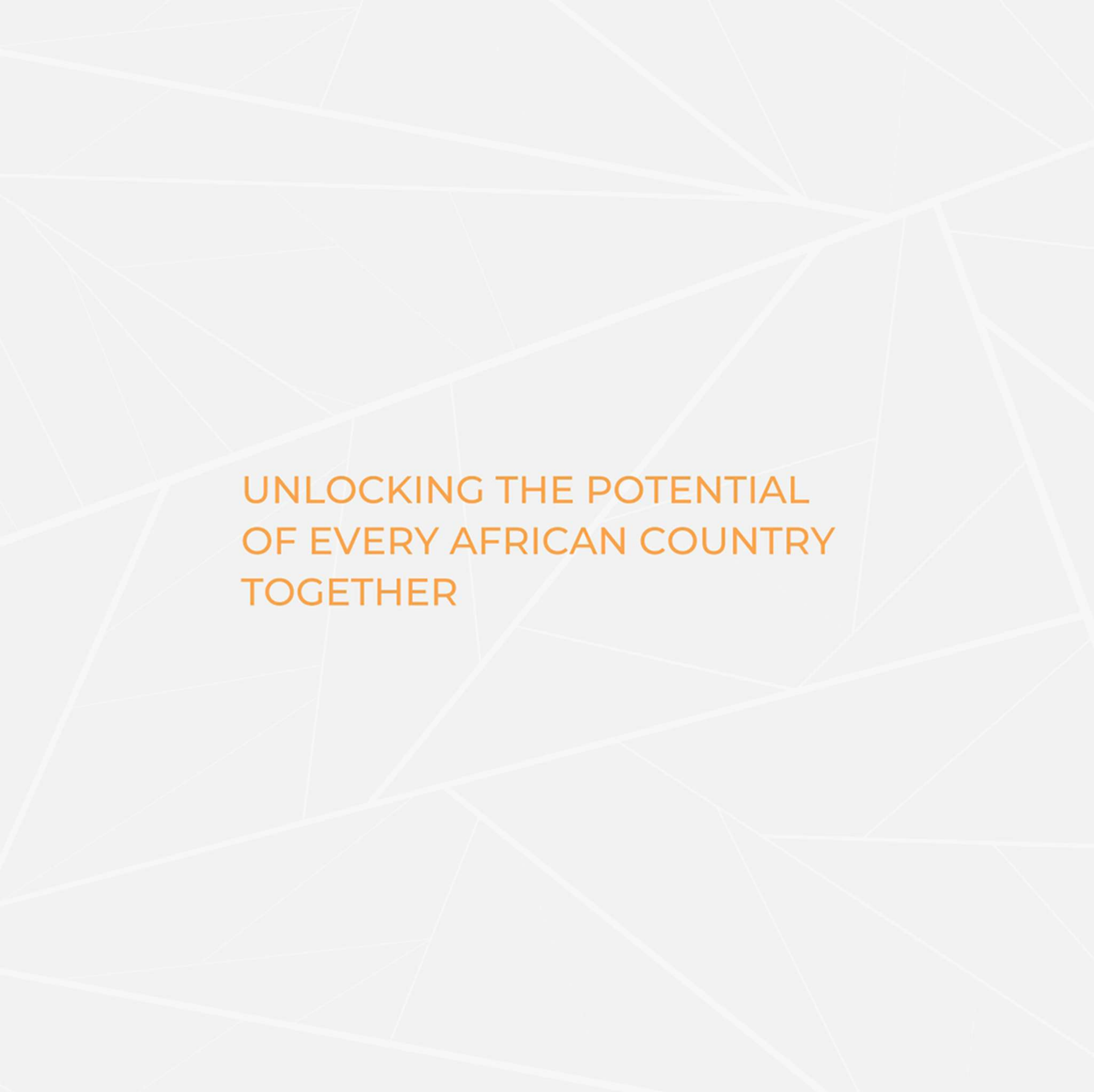
SOVEREIGN
DEVELOPMENT PLATFORM

RUSSIA- AFRICA



“We are sincerely ready to work hand in hand with our African friends for the long term, building truly strategic cooperation and partnership.”

Vladimir Putin
President of Russia



UNLOCKING THE POTENTIAL OF EVERY AFRICAN COUNTRY TOGETHER

CONTENTS

- 1 Food security and access to water
- 2 Affordable energy and energy security
- 3 Connectivity and logistics
- 4 Finance for development and investment
- 5 Information and artificial intelligence
- 6 Government and public services
- 7 Urban services, e-commerce and tourism
- 8 Human development
- 9 Technology



≥ 4% annual growth in agricultural yields

≤ 5% share of Africa's population facing hunger by 2033

95% of the population with access to safe drinking water by 2033

A G E N D A 2 0 6 3 P R I O R I T I E S

FOOD SECURITY

Agenda
2063
The Africa we Want

End-to-end agricultural technologies to manage scarce resources, reduce losses and increase added value.

FOOD SECURITY VALUE CHAIN



Genetics and seeds
Climate-adapted varieties, plant breeding and seed production.



Production technologies
Machinery, agricultural drones, robotics, precision farming, AI and digital monitoring.



Processing and storage
Grain elevators and silos, cold storage, processing, filling and packaging.

FARMING AND FISHERIES DEVELOPMENT STRATEGY



Agribusiness advisory
Self-sufficiency and import scenarios, development priorities and regional specialisation.



Integrated farm solutions
Seeds, machinery, digital technologies, training programmes, fertilisers and crop protection products.



Integration into supply chains
Rules, standards and support for local production, processing and exports, as well as assistance with market access.

AGRICULTURAL TRADE



Russian food exports
Grain, processed foods, vegetable oils and meat products.



Sourcing agricultural products from Africa
Coffee, cocoa, fruit, nuts, tea and other products.

LOCALISATION AND WORKFORCE DEVELOPMENT



Localisation
Advisory support on plant technology, local production of components and localisation of manufacturing cycles.



Skills and jobs
Training local specialists at Russian agricultural universities for agribusiness projects.



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WATER SUPPLY FOR COMMUNITIES AND ECONOMIC SECTORS



Surface water
Restoration of water bodies, construction and upgrading of hydraulic structures, and digital water management.



Groundwater extraction
Exploration, monitoring and extraction using specialised equipment and automated control.



Water treatment
Filtration, membrane technologies, disinfection and desalination, integrated with energy supply systems.

AFFORDABLE ENERGY AND ENERGY SECURITY

UP TO 50 GW

of new and upgraded
power generation capacity

**UP TO 4
HUBS**

to develop Africa's
gas infrastructure

**> USD 30
billion**

in long-term economic
value from a large nuclear
power plant project

E X P E C T E D I M P A C T



A balanced energy system combining a diversified generation mix, modern infrastructure and domestic energy resources to ensure reliable power supply for households and industry.

NATIONAL ENERGY STRATEGY

An integrated power system delivering reliable electricity to communities and industry.

Energy planning and system development: demand forecasting and plans for power generation and grid development.

Modern generation technologies: equipment upgrades, generation forecasting and predictive maintenance.

Electrification of remote areas: modular and hybrid power systems.

Grid modernisation and digital control: substation and transmission line upgrades, dispatch systems, telemetry and smart grid.

HYDROPOWER AND OTHER RENEWABLES

Reliable power generation and integrated water resource management.

Hydropower: hydropower plants and pumped storage, including new builds and upgrades.

Renewables: solar and wind generation, energy storage and automated control systems.

Water and energy resource management: master plans, water balances and water-use management.



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OIL AND GAS HUB

A domestic value chain from reserve mapping to processing and exports.

Exploration and field development: geophysical surveys, drilling, resource modelling and reserve assessment.

Transport and storage: gas transmission networks, underground gas storage and compressor stations.

LNG and processing: liquefaction, regasification, processing and storage.

Domestic gas market development: gas-fired generation, industrial and municipal consumption, and CNG/LNG for transport.

NUCLEAR ENERGY

Stable baseload power for cities and major industrial projects.

Nuclear power solutions: large, small and floating nuclear power plants.

Workforce development: degree programmes at leading Russian universities in nuclear and related disciplines, plus training for plant construction and operation.

Local industry and technology partnerships: participation of local companies and research institutions in plant construction and operation.

National resource development: support for uranium exploration and production for a future domestic nuclear energy programme.

CONNECTIVITY AND LOGISTICS

Transport sovereignty — from planning and infrastructure development to efficient logistics and national expertise.



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STRATEGIC PLANNING



Transport strategy:
national transport networks, international corridors and multimodal connections.
Needs assessment:
freight and passenger flows, bottlenecks, demand forecasts and development scenarios.
Project preparation:
master plans, feasibility studies, investment models and implementation roadmaps.

INFRASTRUCTURE DEVELOPMENT



Ports and waterways:
berths, terminals, dredging and navigation infrastructure.
Railways:
construction and upgrades, electrification, signalling and communications.
Roads:
highways, bridges, tunnels and interchanges.
Airports and hubs: terminals, runways, multimodal hubs and logistics centres.

EQUIPMENT SUPPLY



Rail transport:
locomotives, passenger and freight rolling stock, metro and electric trains, and track maintenance equipment.
Aviation:
regional and mainline aircraft, airfield and navigation equipment.
Road vehicles and vessels:
trucks, buses, specialised vehicles, ships and port equipment.
Lifecycle support:
service, repairs, spare parts, localisation and training.

OPERATIONS, LOGISTICS AND DIGITALISATION



End-to-end logistics:
multimodal Russia–Africa transport routes, access to inland markets and shorter delivery times at lower cost.
Advisory services:
operating models, freight demand analysis, efficiency and risk assessment, and project support.
Digital solutions:
logistics platforms, geospatial data, intelligent transport systems, monitoring, dispatching and electronic document management.

SKILLS AND COMPETENCIES



National workforce:
engineers, logistics professionals, managers and digital specialists.
Professional development:
training for transport authorities, operators and service teams.
Skills transfer:
the Russia–Africa Network Transport University, joint education programmes, research and project expertise.

AGENDA 2063
PRIORITIES

≥ 80%

completion
of Trans-African
Highway network
by 2033

≥ 50%

progress towards
completing
inter-African rail
connectivity by 2033

30%

share of intra-African
trade in Africa's total
international trade

FINANCE FOR DEVELOPMENT AND INVESTMENT

AGENDA 2063 PRIORITIES

≤ 1% OF GDP

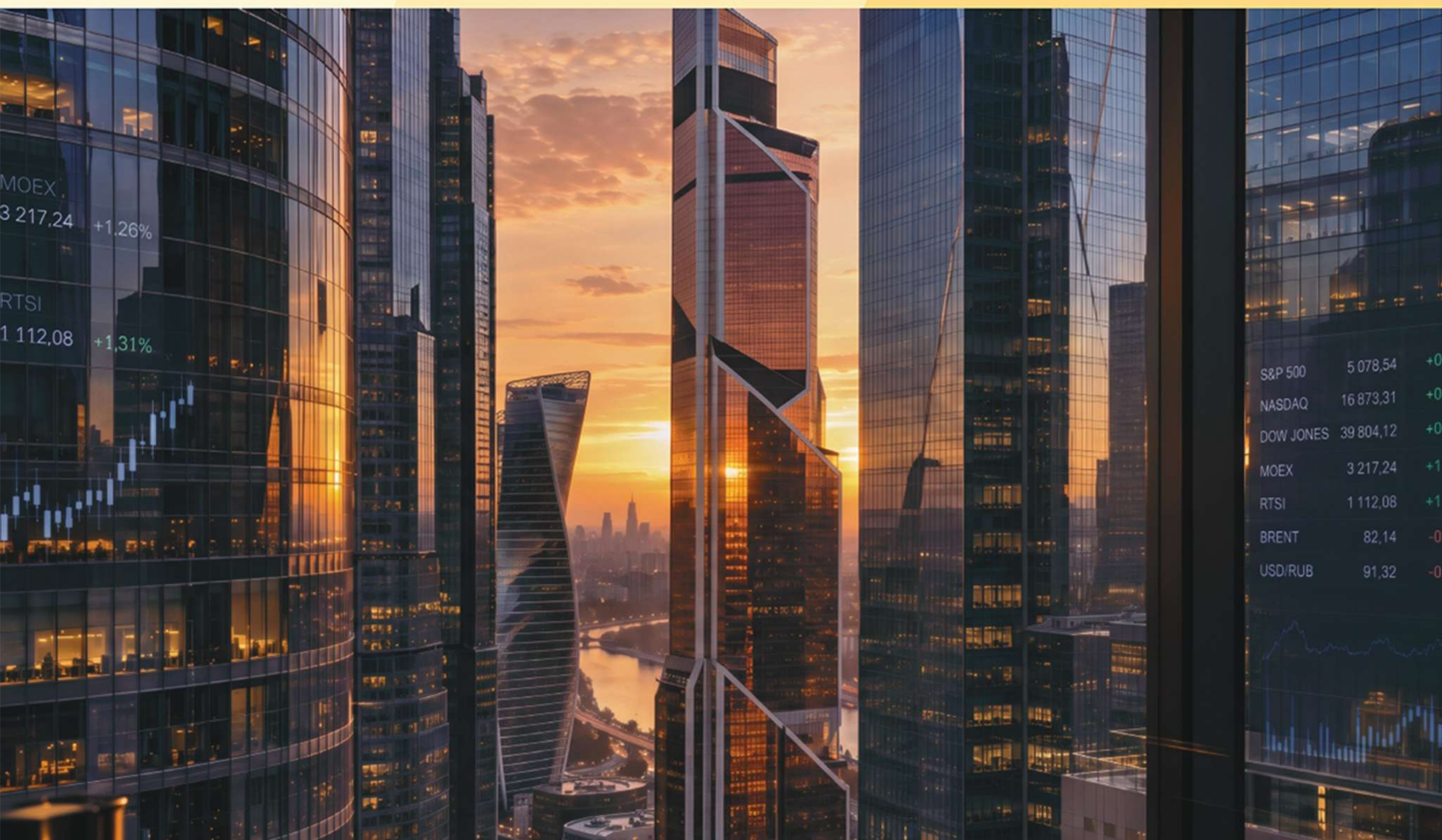
reduction in illicit financial flows

≥ 75%

of current and development expenditure funded by tax and non-tax revenue

FROM 2% TO 12%

increase in Africa's share of global trade



A resilient financial system drives savings, investment, digital services and international trade.

1

DIGITAL FINANCE

Economy and entrepreneurship: better management and mobilisation of domestic savings for economic growth.

Online financial services: easy mobile access and fraud prevention.

Accessible banking: face recognition-based payments for faster, more convenient and secure transactions; online acquiring.

Smart banking infrastructure: ATMs with intelligent assistants and rapid health assessments; POS terminals with smart transaction features.

Technology backbone for processing platforms: a solution enabling digital and AI transformation and more efficient software development.

2

INDEPENDENT PAYMENT AND SETTLEMENT SYSTEM

Cross-border payments: multi-currency settlements with reduced conversion costs.

Business ecosystem: a full range of financial services for entrepreneurs.

3

SUPPORT IN GLOBAL MARKETS

Development finance and investment: credit and guarantee support and settlement services for exports and imports.

Investment facilitation: insurance for export and import credits and investments; a digital services platform for exporters and importers.

4

FINANCIAL LITERACY

Education: workshops and advisory services, methodological support, and development of national targets and programmes.

Human capital: workforce training, digital service deployment and inclusive programmes.



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INFORMATION AND ARTIFICIAL INTELLIGENCE

Digital sovereignty — the capacity to develop, control and protect critical digital technologies, data and infrastructure independently.

A sovereign digital ecosystem built on local infrastructure, platforms and AI models, with robust data protection.

DIGITAL INFRASTRUCTURE

Mobile and fixed networks: base stations, fibre-optic lines and network management.

Internet: IP transit, internet exchange points (IXPs), peering, international gateways, broadband access, DNS and content delivery networks (CDNs).

Space technologies and satellite communications: VSAT, connectivity for remote areas, terrestrial network backup, satellite broadcasting and Earth observation.

Data centres: conventional and modular data centres, power and cooling infrastructure, government and commercial cloud services, and locally produced components.

Safe City: video analytics and urban command centres.

CYBERSECURITY AND DIGITAL IDENTITY

National cybersecurity system: SOC/CERT, threat monitoring, cyber incident detection and response. Infrastructure and data protection: DDoS protection, application and network security, access control and data loss prevention.

Fraud prevention and transaction security: detecting fraudulent transactions, unusual behaviour and compromised accounts.

Digital identity: a unified digital ID, authentication, electronic signatures and access to public and business services.

MEDIA AND DIGITAL PLATFORMS

Audiovisual platforms: video hosting, streaming services, live broadcasts and podcasts.

Communication tools: messaging, social networks, mini apps and business services.

Search engines: web crawling, indexing and search.

SOVEREIGN MODELS AND AI ASSISTANTS

Sovereign AI platform: foundation models, APIs and RAG-based services using local knowledge bases.

Assistants and agents for government, business and citizens: document search and analysis, drafting replies and documents, processing and routing enquiries, and automating routine tasks.

Specialist AI solutions: applications across industries and social services.



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GOVERNMENT AND PUBLIC SERVICES



A digital environment for public sector that provides accessible public services, efficient public financial management and transparent trade operations.



PRODUCT TRACEABILITY

Digital marking for every product item: ready-to-deploy solutions for item-level product marking across production lines.

End-to-end traceability for items and batches: tracking products and batches through production, imports, wholesale and retail.

Product authentication across the supply chain: approval workflows using electronic document exchange and online cash registers; a consumer-facing product verification app.

Advanced analytics for regulators: risk-based analysis of product flows and detection of illicit trade.

PUBLIC SERVICES

Unified public services portal: documents, payments and notifications.

Digital services for people and businesses: bundled services for common life events and business scenarios.

Digital identity and legally valid transactions: a single account, digital profile and electronic signature.

PUBLIC FINANCE

E-procurement and budgeting: end-to-end procurement integrated with the budget process, with AI-enabled traceability of public funds.

Improved tax collection: Automated VAT Control

System to detect VAT gaps.

Digital tax services: mobile app-based taxation for self-employed.

Real-time B2C sales monitoring: automated monitoring via Online Cash Registers system, advanced analytics and tools to improve cash register compliance.

GOVERNMENT DIGITALISATION

Government IT platform: government cloud infrastructure, tools and components to build and operate agency systems.

Document and data exchange: inter-agency electronic workflows, electronic signatures, system integration and end-to-end digital processes.

Management and analytics: dashboards for monitoring government programme implementation and supporting management decisions.



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EXPECTED IMPACT

+20%

growth of the e-commerce market over three years, based on Ethiopia's example

3.7 million people

annual tourist arrivals from Russia to African countries by 2030

URBAN SERVICES, E-COMMERCE AND TOURISM

Shared digital infrastructure for cities, commerce and tourism to expand market access and improve service delivery.

**E-COMMERCE**

Online marketplaces: digital storefronts, recommendation algorithms, trust and transaction security mechanisms.

Commerce development tools for sellers: demand and sales analytics, assortment and pricing management, product promotion and customer engagement.

Order fulfillment management: inventory and fulfillment model management, integration of warehouses, pickup points and logistics partners.

URBAN SERVICES

Smart cities: intelligent transport systems, digital management of municipal services and digital services for residents.

Taxi, mobility and delivery: urban mobility platforms, multimodal travel with a single ticket and local delivery services.

Biometric payments: face recognition for payments, contactless transactions in retail, transport and urban services.

CROSS-CUTTING TECHNOLOGIES

Geospatial platforms and digital twins: modelling cities, public spaces and transport networks.

Unified data layer: master data, shared reference data and API-based integration for municipal and commercial services.

IoT and telematics: sensors, digital operating rules and smart monitoring.

TOURISM

Outbound tourism: tour packages, digital distribution and booking services, destination marketing and digital showcases.

Tourism management system: registration and classification of tourism operators, industry analytics, development of regional and local tourism routes, and tourism product management.

Medical tourism in Moscow: comprehensive medical check-ups, digital patient services and advanced medical treatment.



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HUMAN DEVELOPMENT

EXPECTED IMPACT

EPIDEMIC CONTROL

48 HOURS
outbreak response time
without external assistance

> 20
types of diagnostic tests
produced in Africa

95%
diagnostic accuracy
for radiology images
using AI services

HEALTHCARE

> 30%
working time saved
by doctors and nurses

EDUCATION

+19.8%
Increase in average earnings
after retraining and upskilling
programmes

82%
employment rate among
participants after retraining

24/7/365
online access to patient health
records and education data



Epidemic control and integrated development of healthcare, education and skills for a better quality of life.

EPIDEMIC CONTROL

Monitoring and response:

mobile laboratories and equipment, alongside pathogen surveillance and research.

Research and development:

locally developed diagnostic tests and vaccines for infectious disease detection and prevention.

Workforce training:

epidemiology, virology, laboratory diagnostics and biosafety.

HEALTHCARE

Resilient healthcare system:

- comprehensive assessment and development of a national healthcare strategy; improvement of the regulatory framework and digitalisation; training for healthcare managers and on-the-job staff development;
- joint programmes to reduce mortality and the burden of communicable and non-communicable diseases.

Accessible medicines and medical devices:

- pharmaceuticals, vaccines, diagnostic tools and treatments for cancer, diabetes, trauma care and other medical needs, plus personal protective equipment.

Accessible healthcare:

- mobile medical units and modular clinics; unmanned delivery systems for medical supplies; expanded access to healthcare in remote areas; treatment of complex cases requiring advanced medical technologies in Russia.

EDUCATION

Study opportunities in Russia under the Russian Government quota

for international students, with coverage of associated expenses, including travel, accommodation, and medical insurance.

Professional development:

short programmes in engineering and energy, computer science and technology, agriculture and animal husbandry, medicine and pharmaceuticals, sustainable development and efficient use of natural resources.

Russian university branches in Africa

offering medicine, dentistry and pharmacy programmes.

DIGITAL HEALTHCARE AND EDUCATION

Unified Medical Information and Analytical System:

- a single electronic medical record and other digital services for clinicians and patients.

- MosMedAI (Moscow's AI platform for medical imaging):** AI-assisted analysis of radiological images and diagnostic support.

Moscow Electronic School:

- an electronic gradebook and diary, virtual laboratories and a digital content library.



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FROM ROBOTICS

10-15%

increase in labour productivity in robot-assisted areas

UP TO 40%

reduction in warehouse operating costs through automation and robotics

FROM DRONES

-30%

fertiliser use through precision agriculture

×2.4

reduction in delivery time compared with conventional methods

EXPECTED IMPACT

TECHNOLOGY

Regulatory, technological and workforce solutions to deploy emerging technologies across the economy.

1

INDUSTRIAL ROBOTICS

Technology deployment:

deployment of industrial robots, manufacturing process automation, workforce development and R&D.

Infrastructure and skills development:

industrial robotics development centres at Innopolis University.

2

DRONES FOR LOGISTICS, AGRICULTURE AND INDUSTRY

Regulatory framework:

experimental legal regimes and certification systems.

Technology base and infrastructure:

supply and localisation of drones, drone traffic management systems, ground control stations, and maintenance centres.

Workforce and operator training:

training centres and study programmes at African universities, as well as continuing professional development for drone operators.

3

REGULATION OF AUTONOMOUS SYSTEMS

Advisory services:

development of rules governing the deployment and operation of autonomous systems, along with support for introducing experimental legal regimes and regulatory sandboxes.

Institutional support:

joint mechanisms to harmonise legislation on autonomous systems.



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SOVEREIGN DEVELOPMENT PLATFORM

RUSSIA-AFRICA

CONCEPT AND CONTENT

TRIM Center of Expertise
www.trimcenter.ru

LAYOUT

Art-Project LLC
www.artpro.group

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