



# Digital transformation in Russia

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*Kandinsky 2.2*

# Digitalization in Russia



National program "Digital Economy"



The preparation of the national project "Data Economy" is at the final stage



The National Strategy for the Development of Artificial Intelligence until 2030 adopted



The Concept for the Development of Regulation of Relations in the Area of AI and Robotics Technology until 2024 adopted

Key goals of digital transformation until 2030

- ✓ Eradication of the digital divide
- ✓ Availability of all public services online
- ✓ Development of independent IT solutions
- ✓ Digital maturity of industries

# Digital technologies in governance



Public services



60% of citizens receive services digitally  
Application of AI assistant (more than 1 million unique users per day)

Unified electronic document management system



More than 15 000 participants  
Processing about 80 billion requests per year

Unified cloud state ecosystem ("Gosoblako")



Unites more than 100 data systems of 30 federal agencies  
Saved more than 17 billion rubles since 2019





# National project "Data Economy"



The Data Economy project will include 10 federal projects:

"Digital infrastructure"

"Artificial intelligence"

"Digital platforms in public administration"

"Data transmission systems and networks"

"Personnel"

"Infrastructure of computing and cloud services"

"Domestic solutions in IT"

"Development of quantum technologies"

"Security in ICT"

"Science"

Total budget: 700 billion rubles (approximately 7.6 billion US dollars)

# Development of artificial intelligence in the Russia Federation



From **20.8%** to **31.5%**

the level of AI implementation in economy has increased from 2021 to 2023

From **120 billion**  
to **850 billion rub**

business and government investments in AI have increased

Russia is in the **top four** countries by number of large generative models

In addition to the AI Development Strategy in Russia, **the AI Code of Ethics** was adopted

# Basic principles for the development and use of AI technologies



Safety



Protection of human rights and freedoms



Transparency



Openness and accessibility



Integrity of the innovation cycle



Security



Support for competition

# Development of artificial intelligence: ethical issues



## 6 Core Principles Behind the AI Code of Ethics

- 1) The main priority for the development of AI is **the protection of human rights and interests**
- 2) The need to be aware of **responsibility** when creating and using AI
- 3) A **human being should always be responsible** for the consequences of using AI
- 4) AI technologies need to be applied where **they will benefit people**
- 5) Interests in the development of AI technologies are **above competition**
- 6) Maximum **transparency and truthfulness** in informing about the level of development of AI technologies, their opportunities and risks

# Implementation of AI: cases at the federal and regional level



## Intellectual processing of legal acts (Ministry of Justice)

**Problem:** A large amount of time spent by the authors of regulatory legal acts and experts

**Solution:** The Ministry of Justice uses AI to analyze legal acts. AI checks the text and its compliance with the current legislation and highlights incorrect constructions

**Result:** the time required to prepare documents in court cases has been reduced by 30 times; responses to some citizens' appeals are given automatically

## Landfill detection (Moscow region)

**Problem:** Complex and labor-intensive monitoring process of large areas in searching violations of the environmental legislation

**Solution:** Computer vision systems on photo and video cameras recognize trucks carrying construction debris, monitor their routes and record violations

**Result:** up to 57% reduction in the number of illegal landfills in the region





Thank you for your  
attention!

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