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Digital Kazakhstan

«Digital Kazakhstan» State Program

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ACCESSIBLE INTERNET FOR EVERYONE	WHAT OPPORTUNITIES DOES DIGITAL...	THE BEST DOMESTIC SOLUTIONS	ELECTRONIC GOVERNMENT SERVICES	WHAT IS DIGITAL TECHNOLOGY
Цифровой Шелковый ... ▶	Открывая новые воз... ▶	"DIGITAL" Герои нашег... ▶	"Цифровой Казахстан... ▶	Digital Kazakhstan - Чт... ▶

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Digital Kazakhstan – is a program designed to accelerate the pace of development of the Kazakhstani economy and improve the quality of life
of our citizens.

Purpose of the program:

1. Accelerating the pace of economic development of the Republic of Kazakhstan and improving the quality of life of the population
2. Creating conditions for the economy's transition to a fundamentally new trajectory - the digital economy of the future

The program will be implemented in the period 2018–2022, will provide an additional impetus for the technological modernization of the country's flagship industries and create conditions for large-scale and long-term growth in labor productivity.

5 KEY AREAS OF THE PROGRAM

Digitization of economic branches	Transition to the digital state	Innovative ecosystem formation	Evolution of the human capital assets	Realization of the Digital Silk Way

DIRECTION RESULTS

Digitization of economic branches	Transition to the digital state	Realization of the Digital Silk Way	Evolution of the human capital assets	Innovative ecosystem formation

Share of large and medium-sized enterprises using digital technologies

11% Target indicator
7,8% Achieved indicator

Growth in food exports

69% Target indicator

The growth of cashless payments through digital technologies

35% Target indicator
175,3% Achieved indicator

PROJECTS

DIGITIZATION OF INDUSTRY

Digital mining plant

Digital mining plant by means of "smart" sensory devices is able to monitor volumes and production operation velocity, to trace the rational utility of the equipment and to unite all these data into the integral informational system. The system minimizes human factor and ensures on-line-monitoring over manufacturing.

Digital discovery

Digital discovery combines several techniques of oil- and gas-sinking, as well as exploration and digital control in conjunction with standardize communication technologies.

Model digital factory

A smart factory enables by means of technologies to automatize almost all industrial cycles beginning from the raw material processing to the goods delivery, and control all these in the integral digital system.

DIGITIZATION OF TRANSPORT AND LOGISTICS

Smart traffic infrastructure

It will be implemented:

- Weighting system during the movement.
- Fee collection system at the highway areas.
- Highway mobile laboratories.
- Videomonitoring and detection of traffic rules/ Highway code violations.
- Analysis and forecast of the traffic climatic conditions.
- Incorporation of the Artificial Intellect at the highways.

Multimodal traffic

Automation of the cargo transportation by all kinds of transport will be introduced:

- Carriages by road
- Carriages by rail
- Transportation by sea and river
- Air carriages

EVOLUTION OF ELECTRONIC COMMERCE, FINANCIAL TECHNOLOGIES AND CASHLESS PAYMENTS

Fulfillment-center

Fulfillment-center gives the possibility for the internet shops to stock goods, to form and pack orders, to send them to the customers and to receive returns. Fulfillment-center network allows reduction of the speed and the cost of goods delivery to buyers.

E-Commerce-center

E-commerce-center – is a communication venue for representatives of on-line and off-line business, a center of МСБ / SME support and competency increase in the electronic commerce, as well as the center of rendering complex services on goods delivery.

Open API

Open API Technology permits programmers to use easily the ready blocks to build their own applications. Open API is successfully applied on the Open data portal of eGov.

Remote identification

Model of the individual remote identification, using data bases of the state and commerce companies, including data based on various biometric indices. It gives the possibility to construct digital universal environment for intercommunication and communications among financial institutions, customers, state bodies and organizations.

DIGITIZATION OF THE AGRICULTURAL SECTOR

"Accurate arable farming"

Management system "Accurate arable farming" gives the possibility to farmers to monitor the rates of seeds, humidity, nutrient elements, pests, precipitation probability, etc.

Monitoring in the animal industry and crop production

The following will be implemented:

- System on pedigree recording in the animal industry.
- The system of control in the forestry management, protection, reproduction and utilization of fauna.
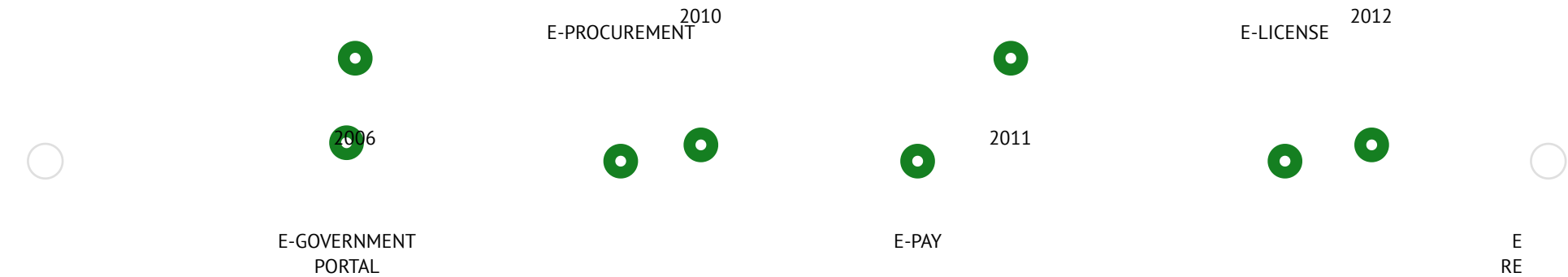- The system "from the farm to the counter".

E-Agrotrade

Unified electronic trading facility for realization of the agricultural sector production.

INTERNATIONAL RANKINGS

29 place
UN international ranking on the e-government development index in 2020

56 place
Networked Readiness Index in 2020

55 place
in the ranking of the Global Competitiveness Index (GCI WEF) in 2019

52 place
in the ranking of the ICT Development Index in 2017

DEVELOPMENT PATH

2010
E-PROCUREMENT

2012
E-LICENSE

2006

2011

E-GOVERNMENT
PORTAL

E-PAY

E
RE

IN THE REPUBLIC OF KAZAKHSTAN

e-Government Portal in the Republic of Kazakhstan

In 2006, for the first time in Kazakhstan, eGov.kz, an e-government portal, was introduced. Availability of online public services became possible thanks to the introduction of digital signature (DS) for citizens on a free-of-charge basis. DS allows you to receive necessary public services and certificates from your home.

More than 6 million people use eGov portal today. It is possible to deliver 760 online services through its infrastructure.

NEWS:

Application of Agile techniques in the implementation of banking projects

What is RPA?

Halyk start

Why is it better for a developer to develop at the Bank

QWANT online programming school is launched in Kazakhstan

Implemented projects within the framework of the "Digital Kazakhstan" program

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«KazSat-2R»

Digital mine

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