



Digital Economy Policy Framework and Technological Entrepreneurship in Russia

Alexey Gusev

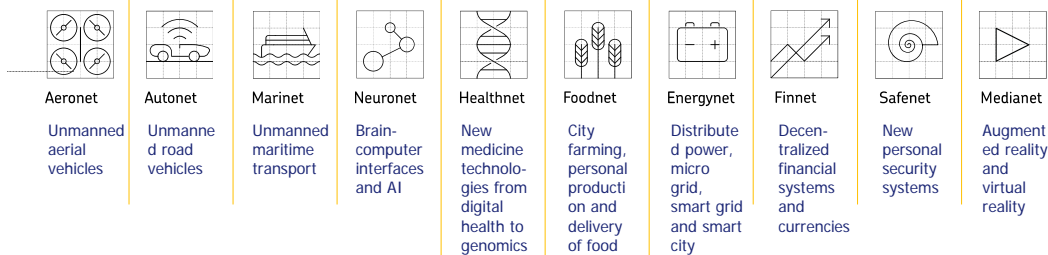
Russian Venture Company

Director of Innovation Ecosystem Development

Outline

NTI is a long-term technological development program designed up to 2035, in order to create the conditions for emergence of the companies that would be competitive at the fundamentally new markets of the future.

Each prospective market is referred to as «-Net» to illustrate the idea that this will be a network of fast growing providers and trend setting consumers rather than corporative oligopolies:



Key NTI Figures

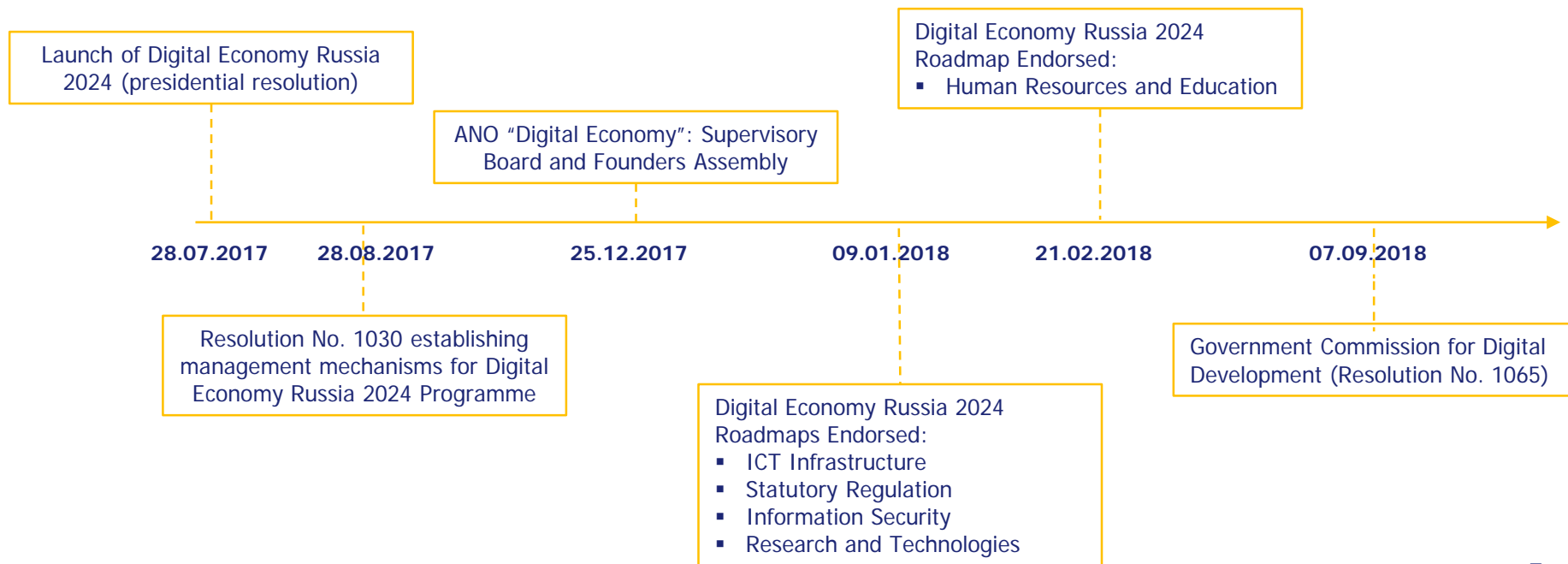
33 NTI projects* approved by a dedicated inter-ministerial working group

RUR 10,6 billion of federal budgetary funds assigned in 2018

14 NTI competence centres for key enabling technologies to be launched in Russia's top universities

NTI Roadmaps endorsed in **8 Russian regions**

Digital Economy Russia 2024: Timeline





RVC Digital Economy Russia 2024: Overview

Objectives

- Develop a sustainable digital economy ecosystem in Russia
- Create necessary and adequate conditions for digital economy development in Russia (institutions & infrastructure)
- Increase Russia's competitiveness in global markets

Budget

RUR 1,08 trillion
(budgetary resources)



RUR 1,08 trillion
(extra-budgetary resources)

Total budget

RUR 2,16 trillion

Key areas

1

ICT Infrastructure

2

Human Resources and
Education

3

Statutory Regulation

4

Information Security

5

Research and Technologies



RVC Digital Economy Russia 2024: Human Resources and Education

2024: Expected results

40% of Russian population have digital skills

Russia is among **TOP-20** economies in PIAAC Ranking

5 000 000 people have undergone one or several of the **20+** digital economy training programmes

120 000 university students are graduating annually in ICT-related fields

800 000 university and vocational college graduates have a level of digital skills equal to or higher than global average

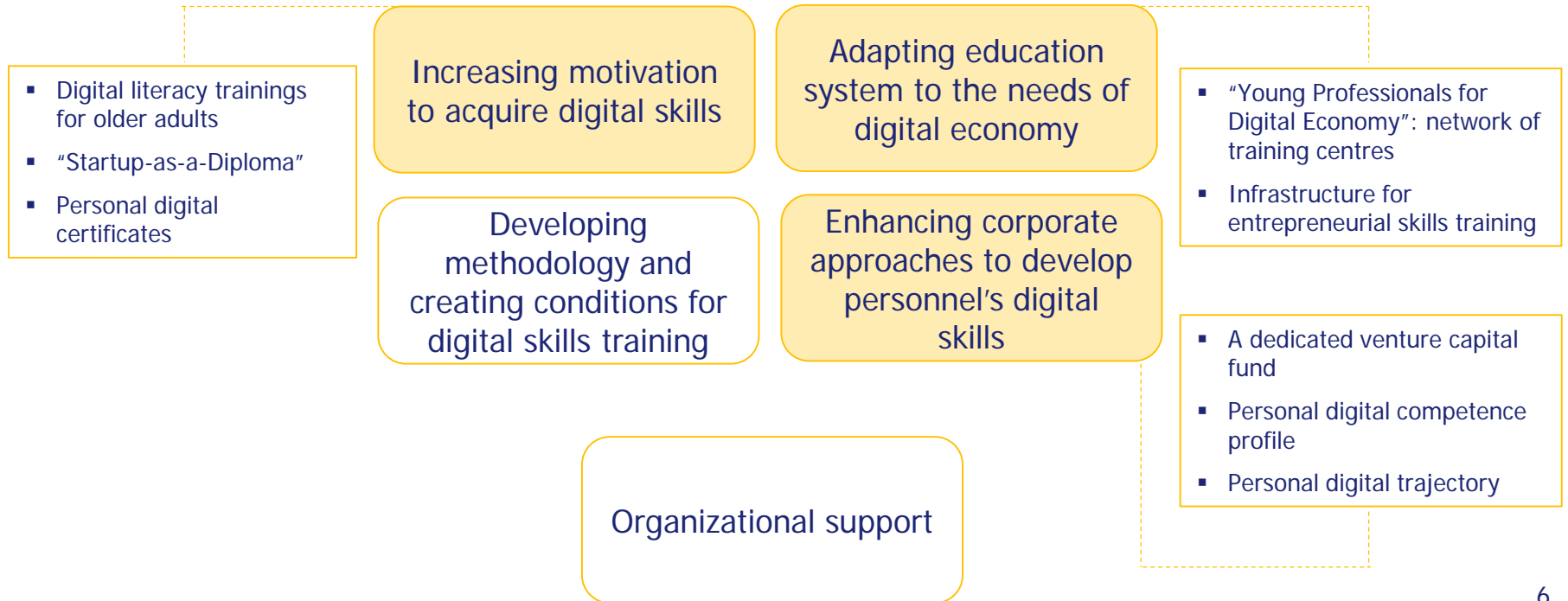
Russia is among **TOP-30** economies in GTCI Ranking

Russia is among **TOP-16** economies in PISA Ranking



Digital Economy Russia 2024: Human Resources and Education

Key areas





RVC Digital Economy Russia 2024: Human Resources and Education

Personal Digital Certificates

- Personal Digital Certificates Initiative is a government programme entailing provision of funding to Russian citizens willing to develop their personal digital and data skills
- Digital economy competences in focus:
 - basic programming and data skills;
 - basic digital communication skills, etc.
- Personal Digital Certificate holders will be eligible to undergo an online training course or apply for a relevant training course in an educational institution
- 10 million people are expected to undergo online training courses aimed at developing digital literacy skills in 2019-2024

Chief Data Officers

- Chief Data Officer (CDO) is a federal or regional official responsible for data management (data processing, analysis, data mining, etc.). The role of CDO is to ensure better data governance in order to enhance the effectiveness of federal or regional authorities in addressing social and economic challenges
- Key CDO functions:
 - outline and implement data management policies;
 - participate in development of digital programmes and strategies for federal and regional authorities;
 - develop and implement projects related to data mining and data management technologies, etc.
- In 2018, 34 regional teams with a total of 201 team members qualified for a dedicated CDO training course developed within NTI University 20.35



Innovation economy and technological entrepreneurship: A training course developed by RVC

Outline

The Course was developed by RVC in co-operation with MSU and ITMO University (Saint Petersburg) to promote technological entrepreneurship among university undergraduates and tutors

Training model



Tutor

- A university lecturer responsible for the theoretical part of the course



Mentor

- A representative from business with an experience in dealing with startup companies

Theory

1

Business Idea

5

R&D and Technology Transfer

2

Marketing

6

Investment

3

Product Development

7

Risks

4

Customer Development

8

Eco-System



Innovation economy and technological entrepreneurship: A training course developed by RVC



Results



A **training course** which can be easily integrated in any university curricula



A **methodology** describing approaches to support promising projects



Tutor & Mentor Community – **88 tutors and mentors**



32 universities which have signed license agreement with RVC and will launch the Course in Autumn Term 2018

Thank you for your attention

Gusev.AN@rvc.ru

Alexey Gusev, Director of Innovation Ecosystem
Development, Russian Venture Company

www.rvc.ru/en

