



ACCESS, RETENTION, AND SUCCESS OF YOUTH IN TVET

THE EXPERIENCE OF THE RUSSIAN FEDERATION



OVERVIEW OF THE TVET SYSTEM IN RUSSIA

3.8+

million TVET students in Russia in the 2024/25 academic year

1.3

million students enrolled in TVET in the 2024/25 academic year, of which:

39.2%

of the population aged 15–19 are enrolled in TVET programmes

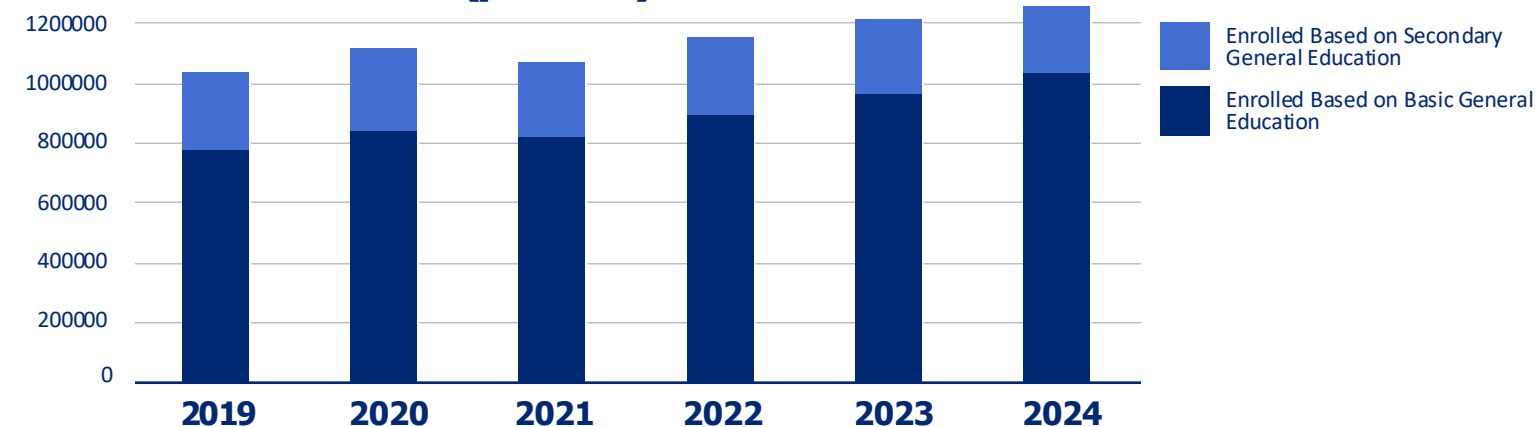
3.6%

of the population aged 20–29 are TVET students

168,000

TVET students are aged 35 and older

Enrollment in TVET (person)



8.9%

of TVET students dropped out of vocational education organizations in the 2024/25 academic year



35%

of Russia's population holds a TVET diploma

45.5%

of all employed individuals in Russia's economy have a vocational education

67%

of those employed in the 'Manufacturing' sector are skilled workers and mid-level specialists



ACCESSIBILITY OF TVET AS A STATE PRIORITY

ACCESSIBILITY OF TVET BY TERRITORIAL FACTOR

- Colleges are located not only in major cities, but also in small towns and numerous rural settlements
- Over 391,000 students reside in dormitories

ACCESSIBILITY FOR DIFFERENT SOCIO-ECONOMIC GROUPS

- 62.9% of students are funded through various public budgets
- 2.8% are enrolled under employer-sponsored training contracts

ACCESSIBILITY BY GENDER

- 48% of students are women

ACCESSIBILITY FOR SPECIAL NEEDS STUDENTS

- 1.1% of students are persons with disabilities or special educational needs
- 25.4 thousand participants took part in the Abilympics Championship in 2024

ACCESSIBILITY FOR DIFFERENT AGE GROUPS

- 4.4% of students are over the age of 35
- The oldest student is 65 years old



GOVERNMENT REGULATION AND SUPPORT

GOVERNMENT REGULATION:

- Unified educational space
- The majority of students study free of charge
- Federal State Educational Standards (FSES)

SUPPORT MEASURES:

- Modernization of colleges' infrastructure and equipment
- Establishment of educational and production complexes
- Support for innovative educational projects
- Professional development programmes for teachers

63% of students receive government-funded education

389 professions and specialties offered

493 clusters established under the "Professionalitet" federal project across 24 industries (in 2025)

728 educational and production complexes created at colleges

PARTNERSHIPS WITH BUSINESS AND INDUSTRY



- **FEDERAL PROJECT "PROFESSIONALITET»** (participation in the development of educational programs, targeted training, and practical learning)
- **CLOSE COOPERATION BETWEEN COLLEGES AND LEADING ENTERPRISES** (Russian Railways – RZD, Rosatom, Rostec, and others)
- **ESTABLISHMENT OF EDUCATIONAL AND PRODUCTION COMPLEXES** across various sectors
- **FORMATION OF INDUSTRY-SPECIFIC INTEGRATION COMMUNITIES** (e.g., railway transport, non-ferrous metallurgy)



FEDERAL PROJECT "PROFESSIONALITET":

2,000+ partner enterprises

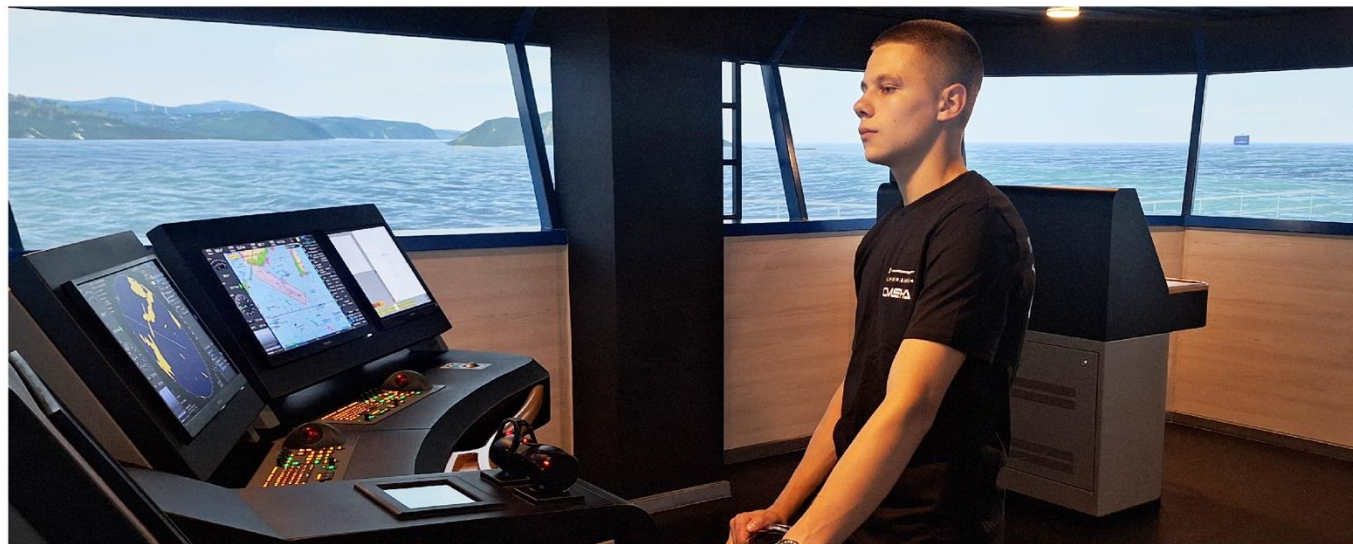
7.5 billion rubles in co-financing from partner companies

53,400 targeted training contracts signed



CONTINUOUS IMPROVEMENT OF TRAINING PROGRAMMES

- **Updating of Federal State Educational Standards (FSES)**
- **Implementation of a modular and competency-based approach**
- **Development of employer-specific ("customized") training programmes**
- **Curriculum updates aligned with labor market trends**



Centers of advanced vocational training (CAVT):

100 CAVTs established, including 16 with industry-specific focus

Activities of CAVTs have reached **7.4** million people
19,000 educational programmes developed, including **3,300** tailored to meet specific employer needs

267 competencies included in the All-Russian championship movement

23,000+ internships offered





CREATING AN INCLUSIVE ENVIRONMENT FOR TVET STUDENTS

- **Implementation of adaptation programs for persons with disabilities and special educational needs**
- **Advancement of inclusive education within vocational colleges**
- **Establishment of specialized infrastructure to support inclusive learning**
- **Provision of social support for learners from diverse and disadvantaged backgrounds**

42.7

thousand TVET students are persons with disabilities, including children with disabilities and those with special educational needs (representing 1.1% of all TVET students)

80.1%

of educational institutions offering TVET programmes enroll students with disabilities and special educational needs

25,000+

participants take part in the Abilympics championship annually

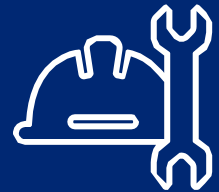
120,000+

persons with disabilities and special educational needs have participated in Abilympics over the past 10 years





PRACTICE-ORIENTED APPROACH TO LEARNING



- Development of educational programs in collaboration with employers
- Establishment of educational and production complexes
- Dual training system
- National skills championship movement
- Practice-oriented modules integrated into curricula
- Practice-based assessment procedures, including demonstration exams



NATIONAL SKILLS CHAMPIONSHIP MOVEMENT (RUSSIA):

7,000 partner enterprises and employers involved

500,000 unique participants in various events

139,100 competitors — a 15.5% increase compared to 2023

2,500+ participating TVET institutions and general education organizations



DEMONSTRATION EXAMS (2024):

369,500 students took final or interim state assessments in the form of demonstration exams

Exams conducted across

78 professions and **117** specialties



INNOVATION AND DIGITALIZATION

- **High-Tech Skills Championship – aimed at preparing specialists for high-tech industries**
- **Building human capital for technological leadership through cooperation between colleges and high-tech enterprises**
- **Active integration of advanced technologies in the learning process**
- **Use of interactive materials, virtual simulators, and training systems in education**

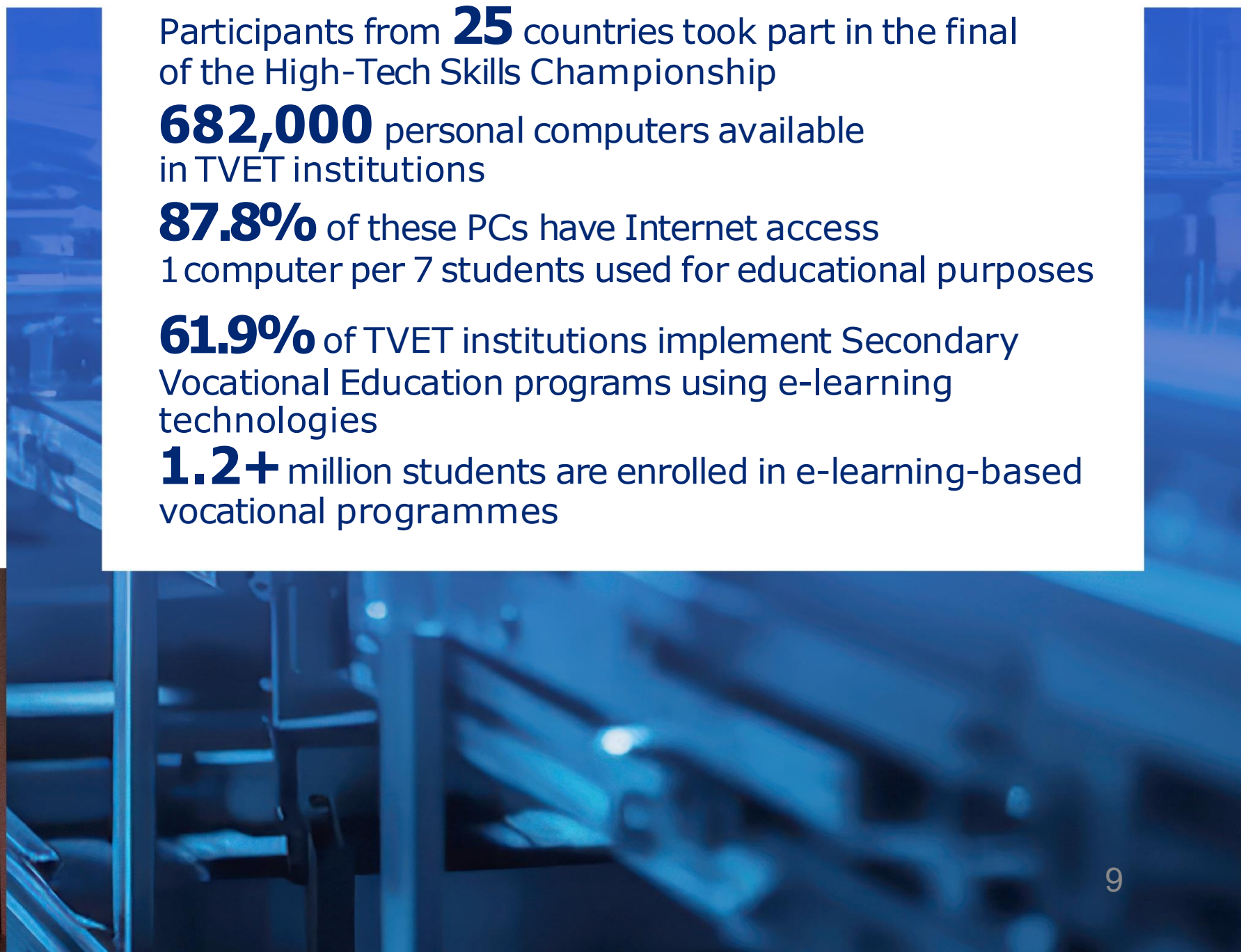
Participants from **25** countries took part in the final of the High-Tech Skills Championship

682,000 personal computers available in TVET institutions

87.8% of these PCs have Internet access
1 computer per 7 students used for educational purposes

61.9% of TVET institutions implement Secondary Vocational Education programs using e-learning technologies

1.2+ million students are enrolled in e-learning-based vocational programmes



THANK YOU VERY MUCH!



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