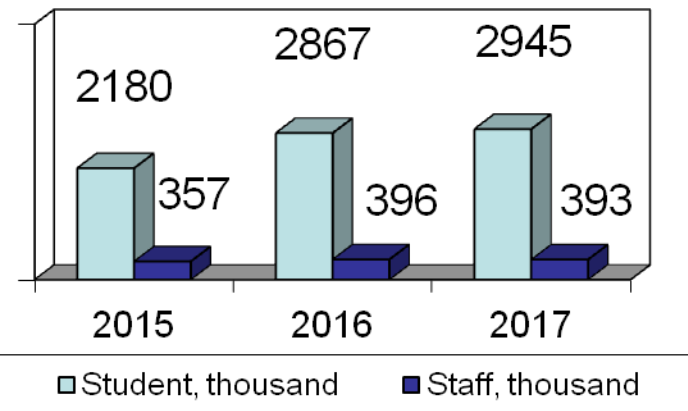
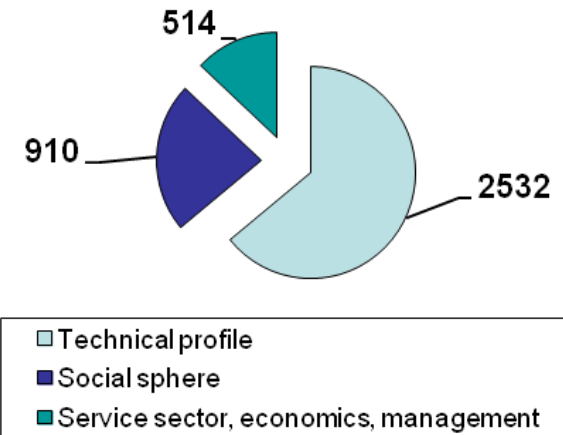
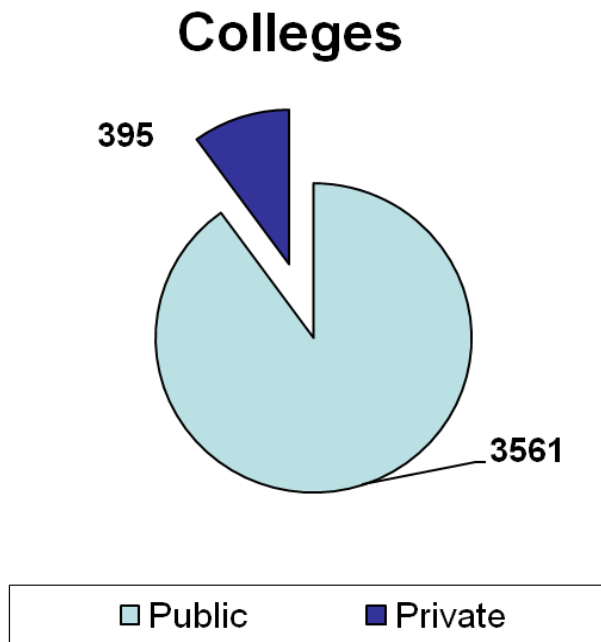




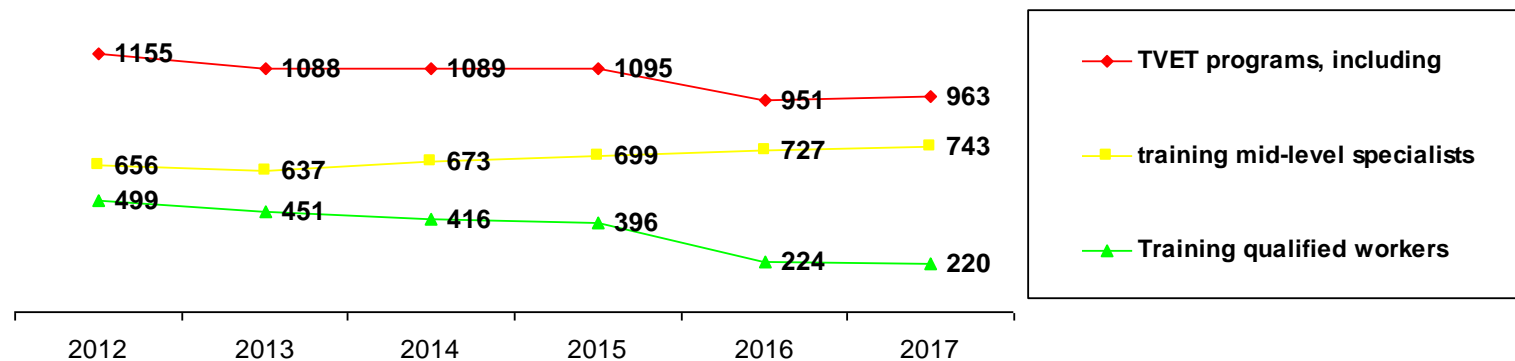
Recent developments in TVET in Russia

Prof. Olga Oleynikova
Director of Center for VET Studies
Russia

Secondary TVET: Basic facts and figures



[Programmes\curricula]



- 485 occupations of training
- Most wide-spread occupations of training in 2017:
 - Technology of land transport
 - Economics and management
 - ICT

Modernization of curricula based on occupational standards

Federal Project: 50 top occupations of training in TVET that enjoy highest demand

Participants:

- Ministry of Education and Science
- National Council for Occupational Qualifications
- Federal methodological associations
- Sector skills councils

Outcomes for 2017:

- 44 Federal TVET standards and curricula modernized
- New format of demonstration exam piloted :
 - Standard assessment assignments
 - Independent assessment
 - E-system of data monitoring and processing
 - Openness of information

Expected outcomes:

- 2018 – 80
- 2019 – 70



Interregional Centers of Competences

- Established under the “50 TOP” Project in 7 RF regions based at leading colleges in the following areas:
 - Automation, radio technology and electronics
 - Servicing of transportation means and logistics
 - ICT
 - Art, design and services
 - Construction
 - Machine-building, control of complicated technical systems, Metal processing
- Objectives:
 - To train graduates to international standards and advanced technologies in the 50 Top occupations
 - Training sites to train for Worldskills



Priority project «Workers for advanced technologies»

- Goal:
 - To create a competitive TVET system
- Objectives
 - To increase by 2020 the number of TVET graduates by 50,000 people
 - To introduce new programs/curricula and to use the demonstration exam as widely as possible
 - To provide professional development opportunities to 5,000 teachers and to 2,800 instructors of practical training
 - To hold the Worldskills Russia Championship and Hi-tech skills competitions for young workers (2018 and 2020)
 - To host International Worldskills Championship in Kazan in 2019
 - To establish a National WorldSkills Training Center



WorldSkills Movement “Young Professionals” (WorldSkills Russia)

- Participants from 85 RF regions
- Accomplishments to date:
 - 5 finals of the National Championships
 - 3 National Championships “WorldSkills Hi-Tech” in workers occupations from hi-tech occupational areas
 - 236 regional championships
 - 6 semi-finals in 2015
 - 6 semi-finals and 2 inter-regional championships in 2016
 - 7 trials in occupational clusters to select participants for the Vth Finals of the National 2017 Championship



WorldSkills Movement “Young Professionals” (WorldSkills Russia)

- 2016 European Championship in Goteborg (Sweden)
 - 28 participating countries, 36 competences
 - Russia: 1 ranking
 - 2 gold medals: «electronics» and «servicing refrigeration and ventilation»,
 - 2 silver medals: «graphic design», «mobile robotics»
 - 1 bronze medal: networking and system administration
 - 11 medals for professionalism in industrial competences





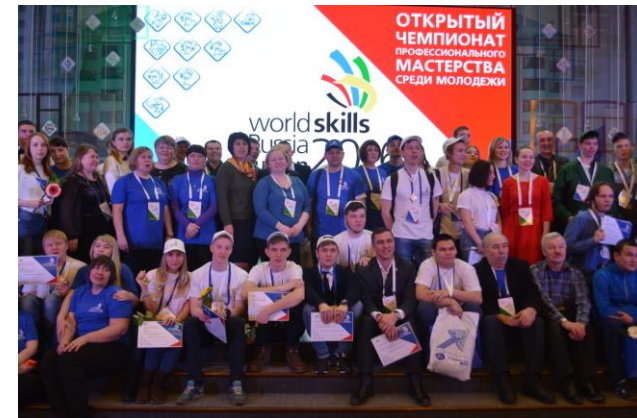
WorldSkills Movement “Young Professionals” (WorldSkills Russia)

- 2017 - 44th Championship in Abu Dhabi,
- 1,300 young professionals from 77 countries
- Russia: 1 ranking (35 461 points)
 - 6 gold medals: «IT solutions for business», «Web-design», «Jewelcrafting», «Refrigeration and Air-conditioning», «Systems and Networks administration», «Freight Forwarding»)
 - 4 silver medals: «Mobile Robotics» (2), «Hairdressing» «Visual Merchandising», «Freight Forwarding»)
 - 1 bronze medal: «Stone-cutting»
 - 21 medals for professionalism



WorldSkills Impact

- Enhanced:
 - quality of skills requirements across the TVET system
 - attractiveness of the TVET system for the youth
 - employability of TVET graduates
 - TVET teachers competences



Register of New Occupations

- To respond to key development trends, such as:
 - Growth of global competition for markets and resources
 - Dilution of divisions between disciplines and sectors
 - Growth of international cooperation in the area of R&D and production
 - Growing complexity and pace of developmental processes
 - Automation and digitalization: IT permeate all spheres and walks of life and work
 - Demographic changes
 - Growth of networks and networking
 - Enhanced interest in environmental issues and green economy



Register of New Occupations

- Special focus on overarching skills:
 - Systems thinking
 - Cross-sectoral communication
 - Process management
 - Project management
 - Programming
 - Customer perspective
 - Cross-cultural skills
 - Operation in a context of uncertainty
 - Creativity
 - Lean management



Examples of new occupations

- Development of learning paths
- Manager of direct investments in talented people
- Genetic consultant
- Eco-auditor
- Development of individual fiscal trajectory
- Mediator of social conflicts



Challenges for the TVET System

- Transition to digital economy, spread of robotics in production systems
- Technological developments that outpace the development of the TVET system
- New occupations in the high-tech and IT fields
- Internationalization in TVET



[Thank you for attention!]

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