



## Standardization in Services

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Doctor of Agricultural Sciences, Professor of the Department of Quality Management and Commodity Science at the Russian State Agrarian University — Moscow Timiriazev Agricultural Academy.

An author of 140 publications (including 39 publications adopted by the State Commission for Academic Degrees and Titles), 4 monographs (two monographs have been published in Germany by LAP LAMBER), 2 textbooks, recommendations, and 9 books on recommended practices.

Grants received:

2012 (internship) DAAD — DEUTSCHER AKADEMISCHER AUSTAUSCHDIENST.

2014 (internship) GIZ — Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

A member of the Russian Technical Committee (TC 003) “Bakery and Pasta Products”, the Topinambur Association, the Russian Union of Flour Mills and Cereals Plants, and a participant in the Agribusiness Club of the Russian Federation.

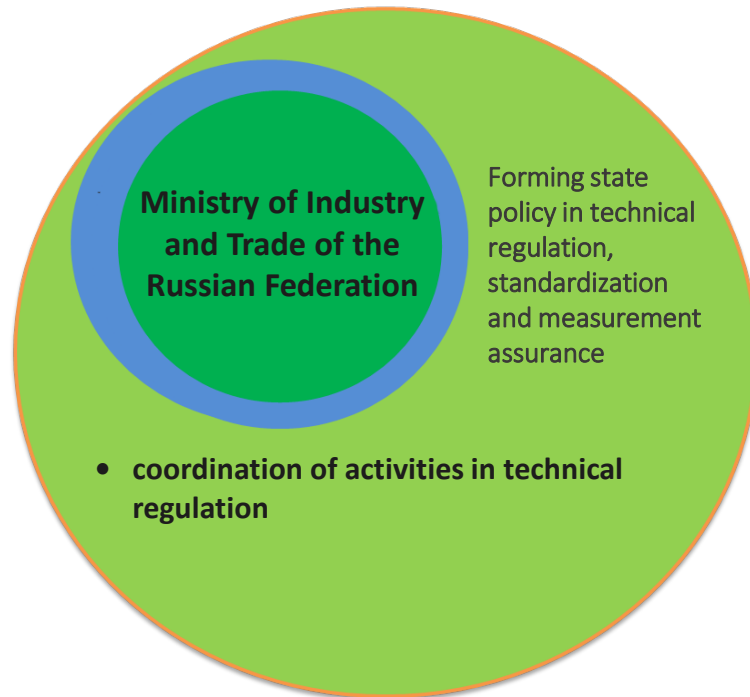
Professional competencies:

- Agriculture (nutritional science);
- Food and food processing industry;
- Standardization and certification of products and services;
- Quality management;
- Accreditation of certification bodies and testing laboratories;
- State control and supervision of standards, measuring instruments and certified products;
- Internal auditing

# Role of the Ministry of Industry and Trade of the Russian Federation in establishing the EAEU's technical regulation system



Basic functions and powers in technical regulation:



- Developing EEU technical regulations and amendments to EEU technical regulations
- Bringing national legislation in line with the adopted EEU regulatory legal acts
- Forming Russia's position on draft normative legal acts of the Eurasian Economic Commission on technical regulation
- Meeting the commitments assumed by the Russian Federation upon its accession to the WTO on technical regulation
- Bilateral and multilateral dialogues with foreign partners on technical regulation, standardization and measurement assurance



# Regulatory environment for standardization activities

## Federal Law “On Standardization in the Russian Federation” No. 162-FZ dated June 29, 2015



- Resolution of the Government of the Russian Federation No. 589 dated June 28, 2016 “On the Federal Information Fund of Standards”
- Resolution of the Government of the Russian Federation No. 624 dated June 28, 2016 “On approval of the rules for the development, approval, publication, amendment and cancellation of code of rules”
- Resolution of the Government of the Russian Federation No. 1394 dated December 17, 2016 “On approval of the rules for granting subsidies from the Federal Budget for developing international, regional and national documents on standardization that ensure the application and enforcement of the requirements of technical regulations”
- Orders of the Ministry of Industry and Trade of the Russian Federation and Rosstandart on approval of consensus rules for the development of national standards, on the procedure for the establishment, activities and elimination of technical committees on standardization, on the procedure and conditions for the application of international, regional standards and foreign standards, on the Commission on Appeals, etc.
- Strategy for improving the quality of food products in the Russian Federation until 2030, approved by the Russian Government Order No. 1364-r dated June 29, 2016.



## Some key innovations in the standardization system

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- Implementing the consensus rule for the development of standardization documents
- Transparency of standardization activities
- Establishing an appeals panel tool
- Implementing a rule on preferential procurement of products according to the national standards
- Using references to national standards of the Russian Federation and information and technical reference books in regulatory acts
- Subsidizing the costs of standards development
- Possibility to expertize organizations' standards and technical specifications in specialized technical committees on standardization
- Possibility to apply foreign standards and establishment of rules for such application



Standards shall be established for all food products in accordance with the Law of the Russian Federation N 162-FZ dated June 29, 2015 “On Standardization”.

Standards of different types and categories are distinguished depending on their scope: international standards, interstate standards, state standards of the Russian Federation (GOST R), industry standards (IS), standards of organizations (STO), technical specifications (TS).



Different types of standards are distinguished depending on the content and purpose as follows:

- Fundamental standards; classified as organizational methodical and general technical standards; organizational methodical standards contain the procedure for developing regulatory documents, rules for work, while general technical standards contain requirements for document presentation, norms for production processes, etc.;
- Product Standards;
- Process Standards;
- Test Method Standards.



## The key purposes of standardization are as follows:

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Standardization aims to achieve the following purposes:

- Contributing to the socio-economic development of the Russian Federation;
- Facilitating the integration of the Russian Federation into the world economy and international standardization systems as an equal partner;
- Improving the quality of life of the country's population;
- Ensuring the defense of the country and security of the state;
- Retrofitting and upgrading industry;
- Improving the quality of products, works and services and increasing the competitiveness of Russian-made products.



## Standardization purposes are to be achieved by implementing the following tasks:

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- Introducing advanced technologies, achieving and keeping the technological leadership of the Russian Federation in high-tech (innovative) industries;
- Enhancing the safety of life and health of people, environmental protection, protection of fauna, flora and other natural resources, property of legal entities and individuals, state and municipal property, as well as assistance in developing life support systems for the population in emergency situations;
- Optimizing and unifying the product range, providing its compatibility and interchangeability, reducing the time it takes to create, master in production, as well as the cost of operation and disposal.



- Applying standardization documents in goods supplies, works, services, including in the procurement of goods, works, services to meet state and municipal needs;
- Assuring measurements to be uniform and comparability of their results;
- Preventing any actions that mislead the consumer of the product (hereinafter referred to as “consumer”);
- Ensuring rational use of resources;
- Eliminating technical barriers to trade and providing conditions for the application of international standards and regional standards, regional codes of practice, foreign standards and foreign codes of practice.



The Law of the Russian Federation N 162-FZ June 29, 2015 “On Standardization” sets the key provisions, principles, concepts, procedure for organizing work in standardization, unified and mandatory for all enterprises regardless of their ownership form, as well as for private entrepreneurs. The law covers manufacturers, sellers, service contractors and other organizations and enterprises.



Bodies and services for standardization include organizations, institutions, associations and their subdivisions, their primary activity is to carry out works on standardization or to perform certain functions on standardization.

Standardization bodies represent bodies recognized at a certain level, with their key function to guide standardization work.



**Interregional territorial departments (ITD)** implement state metrological supervision over issue, condition and use of measuring instruments, certified methods of measurement, measurement standards, observance of metrological rules and norms, as well as state metrological supervision over the quantity of goods alienated in trade operations and over the quantity of prepackaged goods. ITDs are also responsible for state metrological services.

# The first step towards a digital future of standardization is to automate the development process



Providing access to BERESTA IS by a web browser via the Internet information and telecommunication network



Organizing work of BERESTA IS users via the system of unified personal accounts with different level of access



Reducing timing for development, preparation for approval, endorsement of standards



Completeness, accuracy, relevance of information and promptness of its publication. Unifying and automating processes



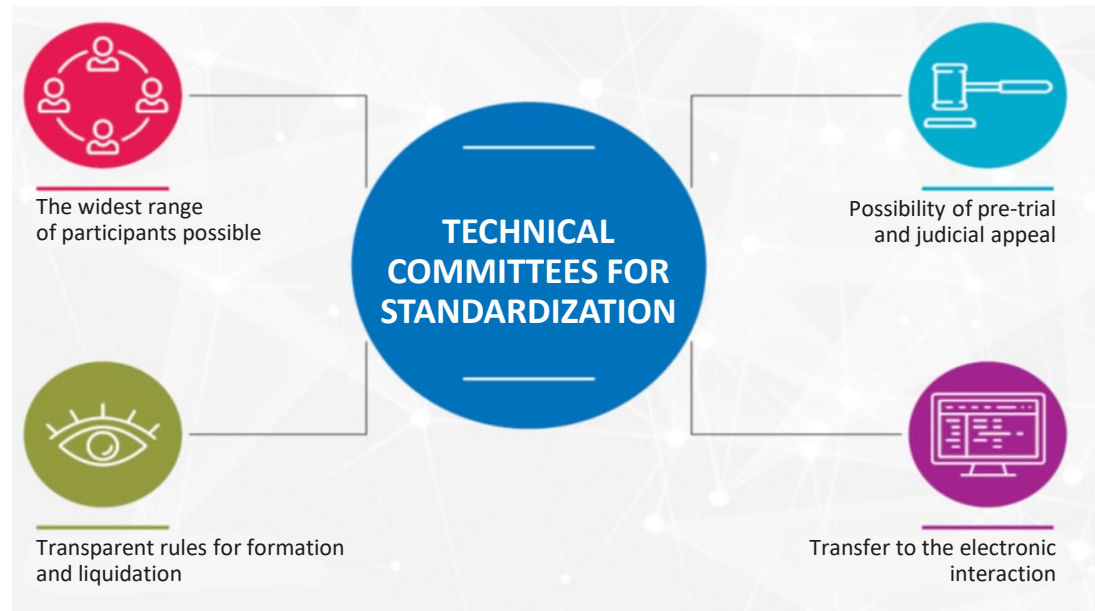
Ensuring transparency of standardization work and ensuring participation of all stakeholders in developing standards



Transfer to an electronic standards development model



# Technical Committees for Standardization

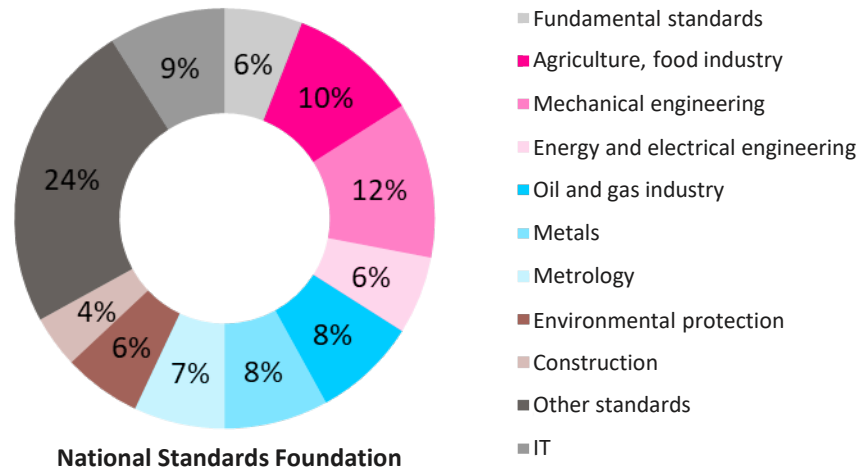


Key role in developing standards

- Total number of technical committees is 264 (as of January 1, 2015 — 375)
- Average number of participants in TCs is 35 organizations
- TCs to develop standards for food products:  
31 technical committee

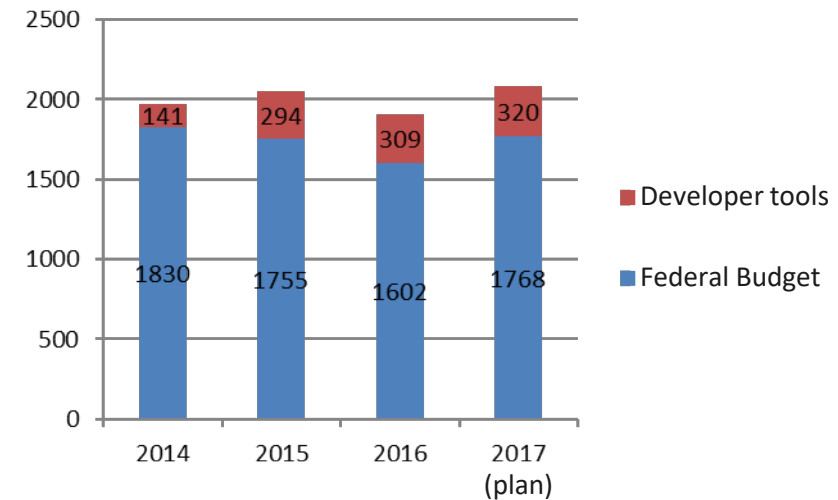
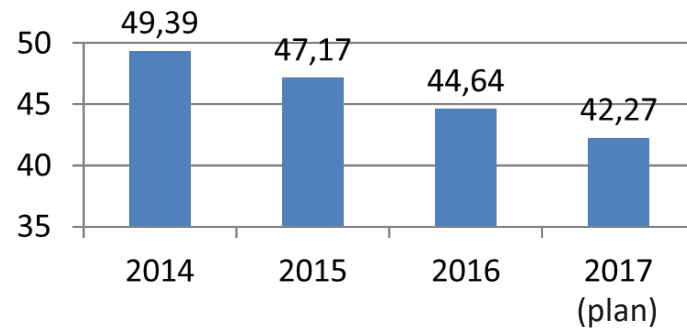


# National system of standardization. First results



Standards Foundation (GOST, GOST R, PNST)	<b>32,696</b>
Rules and Recommendations (RR, R)	469

*Percent of Soviet standards in the Fund*





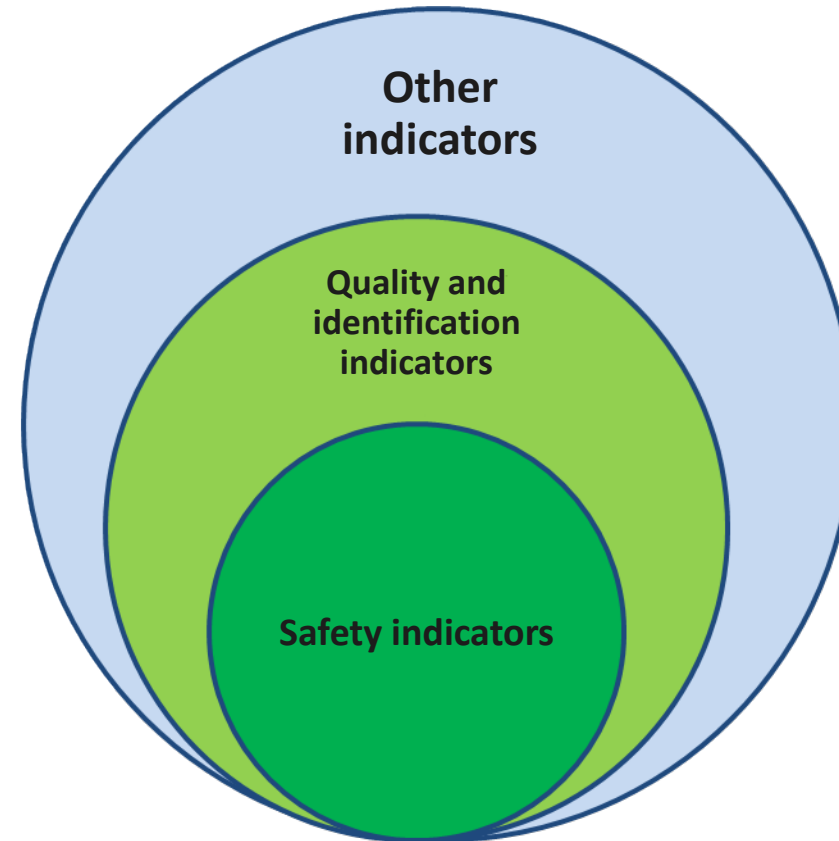


# National standards for food products

**All GOSTs for products provide more comprehensive requirements for consumer information and product quality compared to the TR CU:**

- raw material requirements,
- packaging requirements,
- storage and transportation conditions,
- acceptance rules and inspection methods

For agro-industrial products in 2017:  
227 standards approved, including  
46 — national (GOST R)  
181 — interstate (GOST).





## Organizing work on national standardization at the enterprise

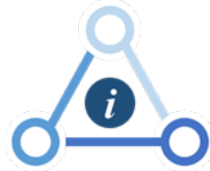
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- Considering proposals of in-house subdivisions and interested third-party enterprises (organizations) to revise current standards or to amend them, as well as to develop new standards;
- Determining the topics and volumes of high priority and future works on standardization;
- Creating enterprise (organization) standardization programs for the nearest year and for the future;
- Directing to the secretariat of the profile TC on standardization proposals for the program of developing national standards and the program of interstate standardization;
- Assisting in organizing the development of draft standards and amendments to them, including drafting the terms of reference for the development of the standard or its review and approval.



# National standards and compliance confirmation

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Mandatory confirmation of compliance and voluntary confirmation of compliance



In voluntary confirmation of compliance: possibility of establishing a Voluntary Certification System (VCS)



In voluntary confirmation of compliance: defining rules, including evaluation criteria, VCS by its holder (founder)



Maintaining a unified Register of listed VCSs by Rosstandart

# Register of compliance assessment objects marked with the national standardization system label



For questions on the system's operation, please contact [ncs@gostinfo.ru](mailto:ncs@gostinfo.ru)

## Register of compliance assessment objects marked with the national standardization system label

Published records

Search

Details of the certification body's decision on the conformity of the compliance assessment object	Effective date	Expiration date	Name of manufacturer	Information on the compliance assessment object to identify it	Information on national standards whose requirements were subject to compliance assessment	
Decision on conformity of the compliance assessment object No. GOST/AG78/C1 dated June 9, 2017	2017-06-09	2020-06-08	Limited Liability Company VITAN-NN (LLC VITAN-NN)	Non-alcoholic medium-sized soda drinks, Vitan-1, Vitan-2, Vitan-Z, Vitan-Sport, Vitan-Tea, Vitan-Elite, Vitan-Aqua	GOST 28188-2014, Non-alcoholic drinks. General specifications	<a href="#">Full disclosure</a>
Decision on conformity of the compliance assessment object No. GOST/AG78/C2 of June 9, 2017	2017-06-09	2020-06-08	Open Joint-Stock Company Nizhny Novgorod Dairy Plant No. 1	Pasteurized rinking milk with 2.5%, 3.2%, 3.5% by mass fraction of fat	GOST 31450-2013, Drinking milk. Specifications	<a href="#">Full disclosure</a>



# Russian quality system

Autonomous Non-Commercial Organization Russian Quality System  
(created by the Order of the Government of the Russian Federation No. 780-r dated April 30, 2015)

- ANO Roskachestvo together with the Ministry of Industry and Trade of the Russian Federation is developing a joint research plan);
- Quality Awards of the Government of the Russian Federation (established by the Order of the Government of the Russian Federation No. 423 dated April 12, 1996);
- Ministry of Industry and Trade of the Russian Federation provides funding for ANO Roskachestvo



The complete procedure for obtaining the Quality Label, including product certification, is completely cost-free for manufacturers



Besides standards, regulatory documents also include  
PR — rules on standardization,  
P — recommendations on standardization,  
TU — technical specifications,  
STO — organization's standard.



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**Thank you!**