

2010

2011

2012

2013

2014

2015

2016

2017

2018

# Annual Report 2018



SLOVAK OFFICE OF STANDARDS,  
METROLOGY AND TESTING

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# 1. Identification of the Organization

Name:	The Slovak Office of Standards, Metrology and Testing (the UNMS SR)		
Location:	Štefanovičova 3, 810 05 Bratislava 15		
Rezort:	Central Government Administration		
Statutory Authority:	Ing. Pavol Pavlis		
Date of Establishment:	1 January 1993	IČO:	30810710
Contact Telephone:	+421 2 5748 5100	Website:	www.unms.sk

## TOP MANAGEMENT

President	Ing. Pavol Pavlis
Civil Service Office General Secretary	Ing. František Daniš

## DIRECTORS

Office of the President	Mgr. Milan Mikula
Office of General Secretary	Mgr. Peter Valo
Personnel Office	JUDr. Michaela Bačová
Economy Department	Ing. František Kurej, PhD.
Legislation Department	Mgr. Lucia Held
Control Unit	Ing. František Babuška
Internal Audit Unit	Ing. Iveta Harušťáková
Quality and Project Management Department	JUDr. Mgr. Anna Budiaková, PhD.
Standardization Department	Ing. Viera Huková
Metrology Department	Ing. Zbyněk Schreier, CSc.
Testing and European Affairs Department	Ing. Monika Laurovičová

## PRINCIPAL ACTIVITIES

Creating and implementing the state policy in the area of standardization, metrology, quality, conformity assessment, and accreditation of conformity assessment bodies.

## ORGANIZATIONS WITHIN FOUNDING COMPETENCE OF THE SLOVAK OFFICE OF STANDARDS, METROLOGY AND TESTING

Slovak Metrological Inspectorate (the SMI)	Geologická 1 821 06 Bratislava
Slovak Institute of Metrology (the SMU)	Karľoveská 63 842 55 Bratislava
Technical Testing Institute Piešťany (the TSU Piešťany)	Krajinská cesta 2929/9 921 01 Piešťany
Slovak Legal Metrology (the SLM)	Hviezdoslavova 31 974 01 Banská Bystrica
Slovak National Accreditation Service (the SNAS)	Karľoveská 63 840 00 Bratislava

## ADVISORY BODIES TO THE PRESIDENT

The UNMS SR is aimed at application of the respective principles of independence, impartiality, transparency, and quality assurance within the state policy areas in the Slovak Republic. These principles are secured by the advisory bodies to the President as follows: the Slovak Accreditation Board, the Board for Standardization, and the Board for the National Quality Programme of the Slovak Republic.

### SLOVAK ACCREDITATION BOARD

The Slovak Accreditation Board (the SAR) was established by the Decision of the President of the UNMS SR on the Statute and Rules of Procedure of the Slovak Accreditation Council, pursuant to the Act No 505/2009 Coll on Accreditation of Bodies Responsible for Conformity Assessment and on amendments of certain Acts (the Act on Accreditation), and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93 (the Regulation No 765/2008).

The Slovak Accreditation Board is comprised of seven nominees appointed by government bodies, seven nominees appointed by the UNMS SR, and seven nominees appointed by the associations, unions and a chamber set up by special law as a representative of economic operators whose products and services are subject to the activities of accredited bodies. The SAR task is to promote proper functioning of the accreditation system in Slovakia in accordance with the requirements stipulated by Regulation No 765/2008.

The SAR is entitled to comment primarily on the issues of long-term planning and development of accreditation, recommendations and proposals related to improvements in the area of conformity assessment bodies accreditation, the SNAS adherence to the principles of impartiality, independence and reliability, the UNMS SR monitoring results as regards compliance with the Act on Accreditation and the activities of SNAS. The principles of independence, impartiality and transparency are applied throughout the SAR's activities.

### BOARD FOR STANDARDIZATION

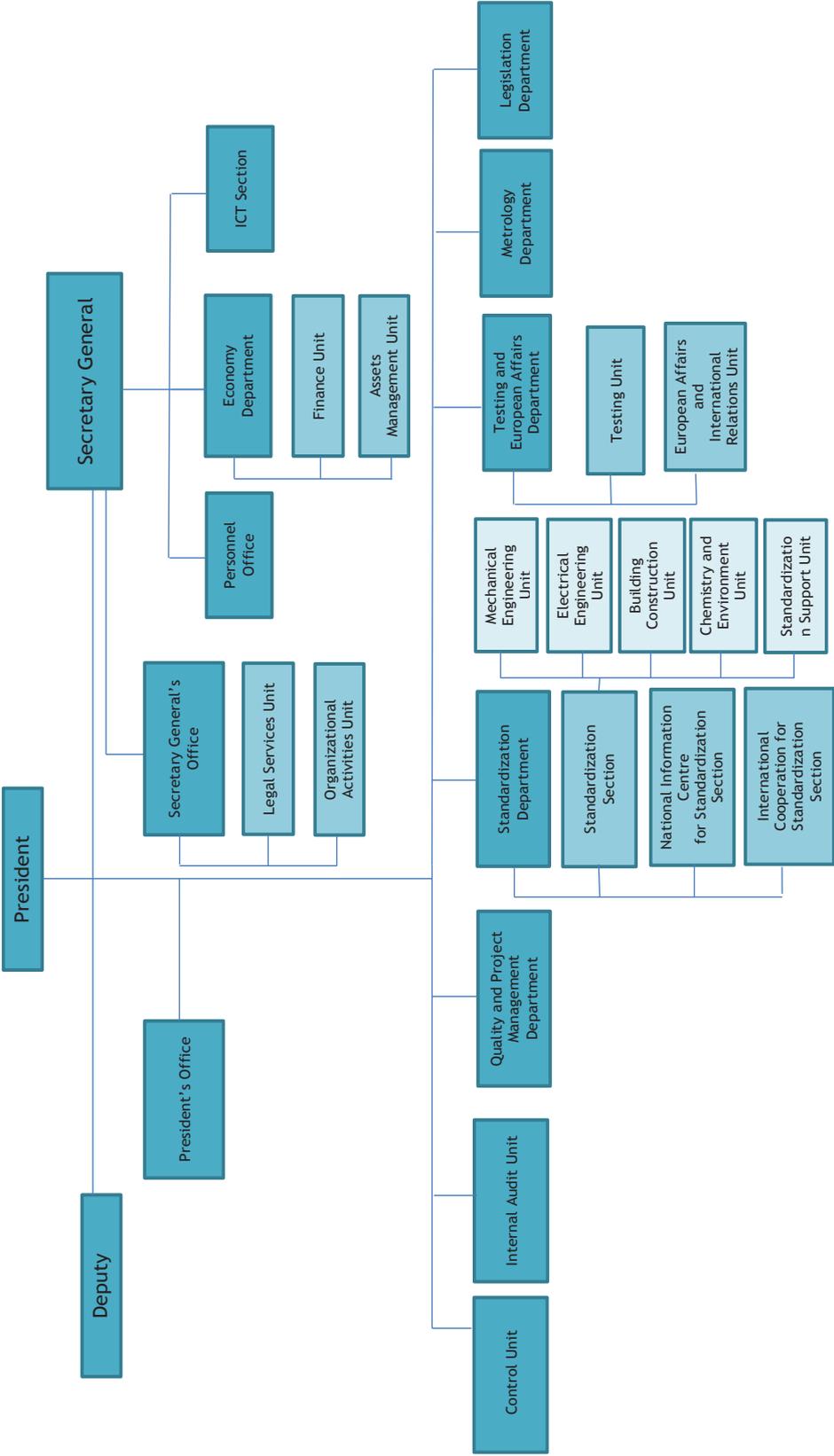
Board for Standardization (the RTN) was established in accordance with the Act No 60/2018 Coll on standardization (the Standardization Act") as an expert and advisory body to the President of the UNMS SR with the aim to ensure the independence of the UNMS SR as the Slovak national standardization body (the NSB). In particular, the mission of RTN is to provide strategic recommendations on the state policy concept in standardization, taking into account the requirements issuing from the membership in the European standards organizations and International standard setting bodies, and considering the national economy needs.

The RTN is comprised by the representatives of stakeholders, both from private and public sector including representatives of public authorities. There were two committees set up within the RTN framework: the committee for standardization in non-electrotechnical area, and the committee for standardization in electrotechnical area.

### THE BOARD FOR NATIONAL QUALITY PROGRAMME OF THE SLOVAK REPUBLIC

Board for National Quality Programme of the Slovak Republic (the NPK SR Board) was established to operate as professional, advisory, initiating and co-ordinating body to the President of the UNMS SR to apply the state policy for quality in the Slovak Republic. The NPK SR tasks include coordination of the activities of respective ministries and other state administration central bodies as well as specific institutions in promoting activities in accordance with the NPK SR and support the development of quality management.

Scheme No 1: Organizational Structure of the UNMS SR as of 31 December 2018



## 2. Address by the President

The Slovak Office of Standards, Metrology and Testing passed a particularly challenging legislative period marked by concluding legislative processes related to several Acts. After nineteen years of efforts, the Act No 264/1999 Coll on Technical Requirements for Products and on Conformity Assessment was amended. At the same time there was new legislation developed with the aim of setting up more favourable environment for different economic operators as regards standardisation, metrology, testing and conformity assessment, with the emphasis put on current European standards and application praxis requirements. Our scope of activities also plays an indispensable role for public administration as it creates basis for their correct and efficient functioning, with the final outcome of protecting our citizens.



The staff of our Office jointly carried out good work for which I would like to thank them first of all. Their professional approach, enthusiasm and commitment created the basis for successful adoption of the new legislation, namely the Act No 60/2018 Coll on standardization, the Act No 157/2018 Coll on metrology, the Act No 55/2018 Coll on the provision of information on technical regulation and on obstacles to free movement of goods, and Act No 56/2018 Coll on conformity assessment of the product, making available of a determined product on the market.

Each of these Acts is bringing new tasks interconnected to application practice. For example, in the field of standardization, there is the task of drafting the implementing decree stipulating the amount of fees for the provision of a Slovak standard (STN) and other deliverables and services related to standardization, taking into account the principles and rules related to the provision and use of standards issuing from membership in the European and international standards organisations.

In the context of the new legislation in metrology, we have issued two decrees as implementing rules to the Act on metrology. They are, in particular, the Decree No 173/2018 Coll on legal measuring units and Decree No 188/2018 Coll on pre-packages, on measuring container bottles, on requirements for checking of actual quantity in pre-packages, and on requirements for checking of measuring container bottles.

A new competence for the coordinator of market surveillance activities for designated products was identified in the new Market Conformity Assessment Act. In this context we plan to increase cooperation between supervisors and authorised and notified bodies.

Last year we were also active in quality area. The main challenge for us was the completion of the preparation processes related to the national project titled “Introduction and Support of Quality Management in Public Administration Bodies”, the project approval by the Managing Authority of the Efficiency of Public Administration Operational Programme, and submission of the application for granting non-refundable financial contribution. We succeeded in our efforts, and we have launched a number of activities aimed at enhancing quality, improving the functioning and awareness of quality in public administration organisations. In addition, we have paid attention to traditional quality activities, and we have successfully completed the recent competitions declared by the UNMS SR in the area of quality and social responsibility.

2018 was also challenging in terms of accreditation. The Slovak National Accreditation Service has undergone regular evaluation of European accreditation over the whole range of a multilateral agreement. The final decision to confirm the scope for the Slovak National Accreditation Service is to be known in the first half of 2019.

At the same time we managed to optimise financially the main activities of the portfolio, including prospects for the coming period. In particular, it contributed to stabilising the transfer for the contributory organisation of the Slovak Metrology Institute, adequate remuneration for the department’s staff, or ongoing investment in state property. We are actively looking for additional funding opportunities for the activities needed for our development as well as for the development of the entire public administration, with the possible impact on the state budget.

I believe we will be able to continue successfully in optimising the activities of the portfolio so that we create suitable environment for our staff, external contractors, small and medium-sized enterprises, as well as big players, especially for Slovak citizens.

### 3. Mission and Midterm Perspective

*The mission of the UNMS SR as the state administration central body is to create and maintain quality infrastructure trustworthy tools, primary objective of which is to ensure competitive and efficient environment in the Slovak Republic, and promote consumer protection considering rights of every citizen. Internationally recognized quality infrastructure tools include standardization, metrology, testing and conformity assessment, as well as accreditation and market surveillance.*

As regards the area of **standardization**, midterm perspective priority belongs to the new Act on Standardization implementation into practice. This new legal act that came into force by 1 April 2018 creates updated legislative framework for standardization and related activities in given area. It is based on Regulation (EU) No 1025 of 25 October 2012 on European standardization (the European Standardization Regulation) that is amending Directives 89/686/EEC and 93/15/EEC, and Directives of the European Parliament and the Council 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/26/EC and 2009/105/EC, and repealing Council Decision 87/95/EEC and Decision of the European Parliament and the Council No 1673/2006/EC. The ambition of the Act is to create optimum conditions for all stakeholders in the field of standardization.

One of the principal UNMS SR priorities in the field of standardization is to increase the share of drafted Slovak standards (STNs) and technical information on standardization (TNI) in the state language and in accordance with criteria adopted and approved on the basis of needs and support of the Slovak Republic's economic strategy. The task will be focused mainly on drafting the STNs or TNI in the field of safety and quality of products, processes and services, in the field of environmental protection, consumers and vulnerable groups protection, development of innovations and needs of respective groups of economic operators, with an emphasis put on small and medium-sized enterprises (SMEs).

Within the short term horizon, the UNMS SR activities will encompass free access to the terminology database on the UNMS SR website available for general public, the implementation of the new UNMS SR Decree on stipulating the amount of fee for the provision of a Slovak standard (STN), as well as launching active cooperation with an emphasis on attracting young professionals to become members of advisory bodies and responsible experts.

In the area of **metrology**, the UNMS SR is expected to continue the legislative process related to drafting a new decree on measuring instruments and metrological control that is to replace the current Decree No 210/2000 Coll. on measuring instruments and metrological control as amended. Within the new tasks there is the Strategy for Development of Metrology of the Slovak Republic that will be presented to the Slovak Government for hearing.

The UNMS SR is going to put stress on effective performance of metrological control of payment-related measurements which may be inflicted by conflict of interests as regards the outcome of the measurement, or where incorrect measurement results may harm the interests of natural persons, legal persons or companies (including measurements for calculating duties, tariffs, taxes, bonuses, penalties, compensations from insurance).

In the area of **quality and project management**, the upcoming period's priority is to execute the activities pertaining to the national project titled "Introduction and Support of Quality Management in Public Administration Organizations". These include in particular implementation coordination of quality management tools in selected state administration central bodies, contributory and state budgetary organizations, as well as in other public administration bodies. The tasks also include establishment of the CAF centre aimed at consulting, training, analytical and methodological activities provided for public administration bodies. The activities of the National Project also fulfil the National Program of the Slovak Republic strategic objectives – Strategy for Improving Quality of Products and Services by Improving Organizations 2017 – 2021.

The UNMS SR activities **in the field of testing and European affairs** will be marked by continued legislative process related to the Act on making available on the market. of weapons and ammunition

for civilian use There is also the UNMS SR draft Decree stipulating details of basic requirements and procedures for conformity assessment, as well as detailed provisions for marking firearms and ammunition for civilian use.

Furthermore, the UNMS SR is going to update respective methodological procedure guidance documents related to authorization, inspection and operation of authorized and notified bodies, and update the methodological procedure guidance related to information exchange as provided by the National Enquiry Point.

In the field of **market surveillance** the UNMS SR is planning to hold regular meetings of the market surveillance bodies pursuant Par. 26 of the Act on conformity assessment of the product, making available of a determined product on the market. Following the goal of coordination and effective performance of the surveillance bodies activities, there are to be meetings of surveillance bodies.

As regards the mid-term perspective for the area of **accreditation**, we foresee providing for permanent rendering of high-quality accreditation services together with providing for assessment in novel areas of accreditation, exploring sectoral needs and securing effective co-operation with regulatory authorities in the Slovak Republic. The UNMS SR is planning to amend the Act on Accreditation with the aim of aligning this Act with the demand of application practice. The requirements stipulated by the new standard ISO/IEC 17011:2017 are to be implemented into the SNAS accreditation system in coming period, focusing on effective work with human resources. Early next year the evaluation of environmental management scheme is to be performed.



## 4. Administration of the Civil Service Office

*The Civil Service Office at the UNMS SR provides for the tasks in the area of human resources management, training, personnel policy, remuneration, salaries, personal data protection, security and health protection, and social welfare as set by the scope of the Labour Code, the Act on Civil Service, the Act on Performance of Work in Public Interest. At the same time, it is responsible for drafting legal opinions, analyses and interpretations on matters of competence of the UNMS SR, especially in the area of trade, labour and administrative law, as well as other tasks arising from the UNMS SR Organizational Chart.*

In 2018, in the area of human resources the staff training was provided by the Personnel Office in accordance with approved Training Plan for 2018.

The implementation of educational events was conducted in different forms including training courses, web-training courses, professional seminars and workshops, language courses and conferences. The UNMS SR introduced systematic and regular trainings for employees aimed at enhancing national language culture, as stipulated by the Government Resolution No 238/2014 of 24 May 2014. The UNMS SR also organized regular English and French language courses differentiated according to levels of knowledge of the participants.

**Table No 1: Comparison of the Numbers of Employees at the UNMS SR in the years 2014 – 2018**

Year	Calculated Average Number of Employees as Recorded	Number of Employees according to the Evidence	% increase (+) / decrease (–) of Number of Employees according to the Evidence
2014	77	91	+ 127.5 %
2015	81	90	– 1.1 %
2016	87	91	+1.1 %
2017	89	89	– 2.2 %
2018	91	92	+3.4 %

**Table No 2: Overview of the Numbers and Structure of Employees**

Indicator	31 December 2016			31 December 2017			31 December 2018		
	Total Number	of that women	of that men	Total Number	of that women	of that men	Total Number	of that women	of that men
Civil Service as regards	59	35 (59.3%)	24 (40.7%)	63	38 (60.3%)	25 (39.7%)	66	43 (65.1%)	23 (34.9%)
Permanent Civil Service	53	32 (60.4 %)	21 (39.6 %)	58	35 (60.3%)	23 (39.7%)	62	42 (67.7%)	20 (32.3%)
Temporary Civil Service	6	3 (50 %)	3 (50 %)	5	3 (60 %)	2 (40 %)	4	1 (25%)	3 (75%)
Works in Public Interest	32	16 (50 %)	16 (50 %)	26	14 (53.8%)	12 (46.2%)	26	17 (65.4%)	9 (34.6%)
<b>TOTAL</b>	<b>91</b>	<b>51 (56.1 %)</b>	<b>40 (43.9 %)</b>	<b>89</b>	<b>52 (58.4%)</b>	<b>37 (41.6%)</b>	<b>92</b>	<b>60 (65.2%)</b>	<b>32 (34.8%)</b>

Fig No 1: Overview of the Numbers and Structure of Employees 2016 – 2018

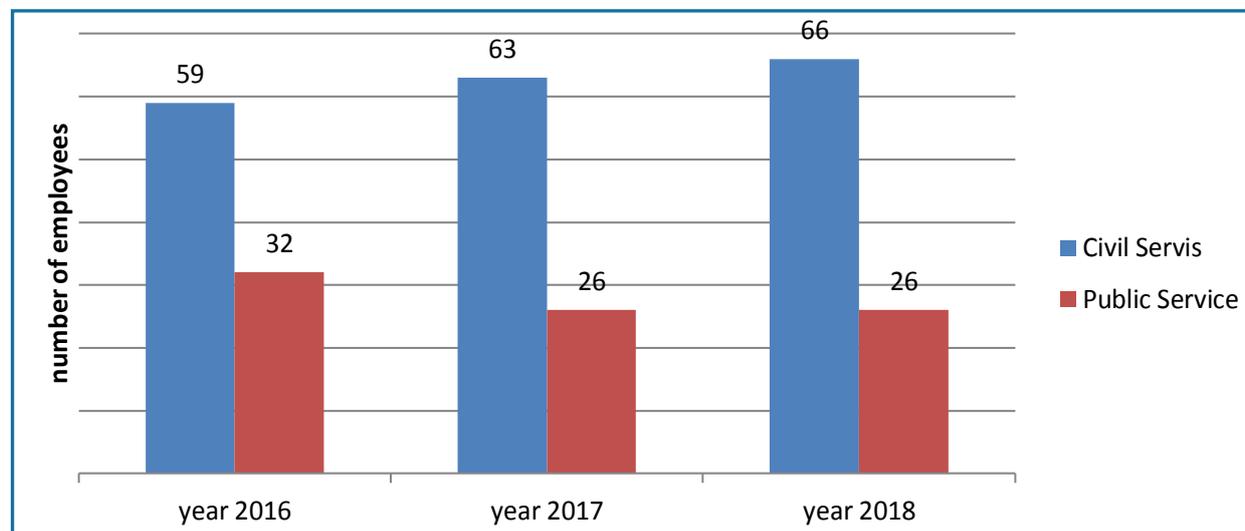


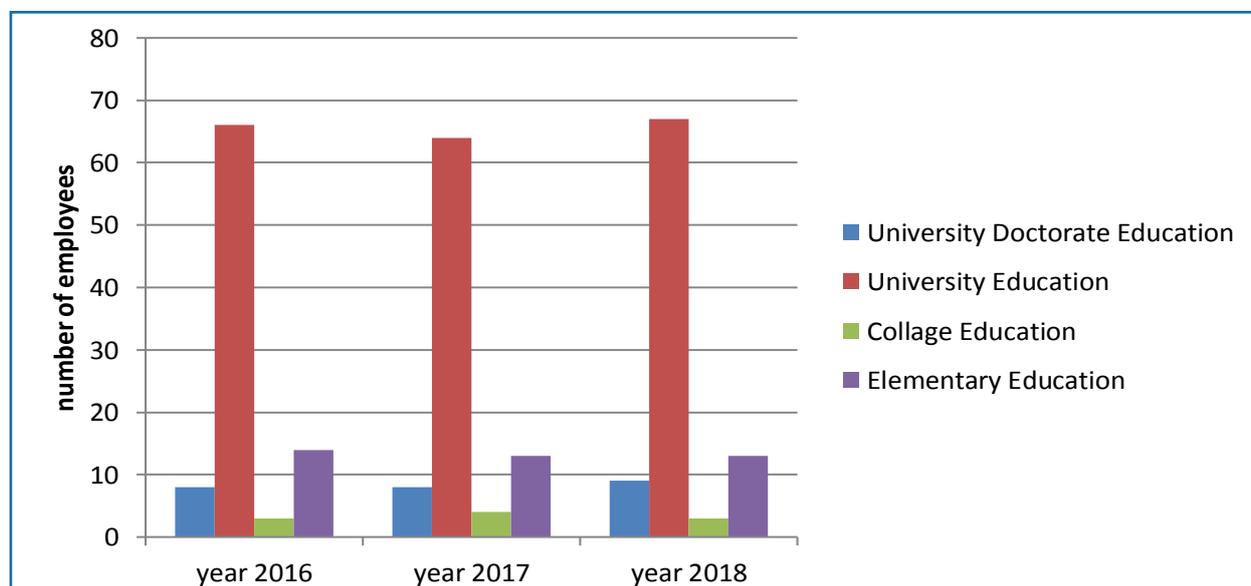
Table No 3: Age Structure of Employees

Indicator	31 December 2016			31 December 2017			31 December 2018		
	Total number	of that women	of that men	Total number	of that women	of that men	Total number	of that women	of that men
under 35 years	37	19 (51.4%)	18 (48.6%)	31	17 (54.8%)	14 (45.2%)	34	20 (58.8%)	14 (41.2%)
from 36 to 50 years	18	12 (66.6%)	6 (33.3%)	25	16 (64%)	9 (36%)	28	20 (71.4%)	8 (28.6%)
from 51 to 60 years	27	17 (63%)	10 (37%)	25	17 (68%)	8 (32%)	22	15 (68.2%)	7 (31.8%)
over 61 years	9	2 (22.2%)	7 (77.7%)	8	2 (25%)	6 (75%)	8	5 (62.5%)	3 (37.5%)
<b>TOTAL</b>	<b>91</b>	<b>51 (56.1%)</b>	<b>40 (43.9%)</b>	<b>89</b>	<b>52 (58.4%)</b>	<b>37 (41.6%)</b>	<b>92</b>	<b>60 (65.2%)</b>	<b>32 (34.8%)</b>

Table No 4: Educational Structure of Employees

Ukazovatel'	31 December 2016			31 December 2017			31 December 2018		
	Total Number	of that women	of that men	Total Number	of that women	of that men	Total Number	of that women	of that men
University Doctorate Education	8	4 (50 %)	4 (50 %)	8	5 (62.5%)	3 (37.5%)	9	6 (66.7%)	3 (33.3%)
University Education	66	38 (57.6 %)	28 (42.4 %)	64	38 (59.4%)	26 (40.6%)	67	44 (65.7%)	23 (34.3%)
College Education	3	1 (33.3 %)	2 (66.6 %)	4	1 (25%)	3 (75%)	3	1 (33.3%)	2 (66.7%)
Completed Secondary Education	14	8 (57.1 %)	6 (42.9 %)	13	8 (61.5%)	5 (38.5%)	13	9 (69.2%)	4 (30.8%)
Elementary Education	0	0 (0 %)	0 (0 %)	0	0 (0 %)	0 (0 %)	0	0 (0%)	0 (0 %)
<b>TOTAL</b>	<b>91</b>	<b>51 (56.1 %)</b>	<b>40 (43.9 %)</b>	<b>89</b>	<b>52 (58.4%)</b>	<b>37 (41.6%)</b>	<b>92</b>	<b>60 (65.2%)</b>	<b>32 (34.8%)</b>

Fig No 2: Educational Structure of Employees 2016 – 2018



## 5. Legislation

*The UNMS SR provides for legislative drafts including laws and other generally binding legal rules in the area of standardization, metrology, quality, conformity assessment and accreditation of conformity assessment bodies.*

Following legislative issues were dealt with by the UNMS SR in 2018:

- Act No 55/2018 Coll on the provision of information on technical regulation and on obstacles to free movement of goods,
- Act No 56/2018 Coll on conformity assessment of the product, making available of a determined product on the market,
- Act No 60/2018 Coll on standardization,
- Act No 157/2018 Coll on metrology and on amendment to certain,
- Regulation of the Government of the Slovak Republic No 116/2018 Coll repealing Regulation of the Government of the Slovak Republic No 393/1999 Coll stipulating details on technical requirements for appliances burning gaseous fuels, as amended,
- Regulation of the Government of the Slovak Republic No 117/2018 Coll repealing Regulation of the Government of the Slovak Republic No 35/2008 Coll stipulating details on technical requirements and conformity assessment procedures for personal protective equipment,
- Regulation of the Government of the Slovak Republic No 124/2018 Coll repealing Regulation of the Government of the Slovak Republic No 183/2002 Coll stipulating details on technical requirements and conformity assessment procedures for cableway installations designed to carry persons in wording of Regulation of the Government of the Slovak Republic No 78/2004 Coll,
- Decree No 173/2018 Coll on legal measuring units,
- Decree No 188/2018 Coll on pre-packages, on measuring container bottles, on requirements for checking of actual quantity in pre-packages, and on requirements for checking of measuring container bottles,
- Government draft law on the making available on the market of weapons and ammunition for civilian use,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 70/2015 Coll on the making available on the market of pyrotechnic articles,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 77/2016 Coll on the making available on the market of recreational craft and personal watercraft,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 126/2016 Coll on the making available on the market of non-automatic weighing instruments,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 127/2016 Coll on electromagnetic compatibility,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 145/2016 Coll on the making available on the market of weighing Instruments,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 148/2016 Coll on the making available on the market of electrical equipment designed for use within certain voltage limits,

- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 149/2016 Coll on equipment and protective systems intended for use in potentially explosive atmospheres,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 193/2016 Coll on the making available on the market of radio equipment,
- Draft Regulation of the Government of the Slovak Republic amending and supplementing the Regulation of the Government of the Slovak Republic No 262/2016 Coll on marine equipment,
- Draft Regulation of the Government of the Slovak Republic stipulating details on technical requirements and conformity assessment procedures for the noise emissions of equipment for outdoor use,
- Draft Decree of the Slovak Office of Standards, Metrology and Testing stipulating details of basic requirements, conformity assessment procedures and methods of marking firearms and ammunition for civilian use,
- Draft Decree of the Slovak Office of Standards, Metrology and Testing on the amount of fee for the provision of a Slovak standard,
- Draft Decree of the Slovak Office of Standards, Metrology and Testing on measuring instruments and metrological control.

As regards the inter-departmental comment procedure, the UNMS SR drafted and submitted 659 opinions, out of which there were 70 detailed opinions and 148 regular comments in 2018. There were also 59 UNMS SR decisions issued on appeals against decisions of the SMI as regards imposing fines for violation of the Metrology Act, and appeals filed against first-instance decisions of the UNMS SR.



## 6. Control

*The UNMS SR control operations were performed in accordance with the Act No 10/1996 Coll on Control in State Administration as amended (the State Administration Control Act) and the Act No 357/2015 Coll on the Financial Control and Audit and on amending certain laws, as amended (the Financial Control and Audit Act). As regards fulfilment of the control activities, the Control Department provides for monitoring objective status of controlled facts and their compliance with general binding legal rules, internal management acts, respective Resolutions of the Government of the Slovak Republic as well as verification of factual accomplishment of measures adopted to eliminate identified deficiencies and their effectiveness.*

In 2018, new Internal Management Acts (the IRAs) were elaborated by the Control Unit to improve control activities. They were namely: the IRA No. 14/2018 on the internal and external control system, and IRA No 16/2018 on financial control in situ.

The controls were implemented in accordance with the UNMS SR Plan of Control Activities stipulated for the first and second half of 2018, respectively. The inspections were accomplished in purport of implementation of controls at the UNMS SR professional units and in the relevant bodies within the UNMS SR competence. In the year 2018, total number of 15 inspections were carried out, three of these were unplanned.

The controls were focused especially on following areas:

- fulfilling the state administration tasks,
- fulfilling the tasks issuing from the Resolutions of the Government of the Slovak Republic,
- efficiency of state administration,
- compliance with generally binding legislation,
- compliance with obligations issuing for the UNMS SR employees from the IRAs,
- implementing the measures of the Strategic Anti-Corruption Plan within the UNMS SR conditions.

Out of the total number of 15 inspections, three protocols were drafted due to detected deficiencies. They were related to following issues:

- inspection of registration decisions and their compliance with the Act No 71/1967 Coll on Administrative Proceedings (Administrative Code), as amended; Act No 157/2018 Coll on metrology and on amendments and supplements to certain acts, with other generally binding legal regulations and IRAs within the competence of the UNMS SR Metrology Department,
- provision of accreditation services and fulfilment of the accreditation body obligations pursuant to Act No 505/2009 Coll on Accreditation of Bodies Responsible for Conformity Assessment and on Amendment of Certain Acts, pertaining to the SNAS,
- ensuring inspection activities and their performance within the SMU.

In connection with detected deficiencies, the minutes were drawn, discussing the result of the control and stipulating the responsibility of the superior of the controlled subject to eliminate detected deficiencies within specified timelines. Fulfilment of these measures was submitted by the supervised entities in the form of written report on the implementation of the measures to remedy the deficiencies and their causes to the control body within the set timeline. Further ex-post controls on accomplishment of corrective actions would take place.

As regards controls during which neither generally binding legal acts nor internal management acts violations were detected, the records on the control results were drafted. The experience and knowledge acquired during the controls will be useful in the future for the head officers as to provide for improved quality of management and control activities, as well as for drafting and updating the methodological guidelines and Internal Management Acts.

The controls accomplished in 2018 were beneficial in that respect that they either helped to identify the deficiencies and the corrective measures were taken, or the respective findings created the basis for correct setting of procedures and new IRAs according to the needs of the respective professional units.

## COMPLAINTS, OTHER CONCERNS AND PETITIONS

*Within its scope the UNMS SR provides for investigation of complaints and petitions, and is responsible for their resolving in accordance with the Act No 9/2010 Coll on complaints as amended (the Complaints Act) that is regulating the procedure for filing, receiving, recording, handling and monitoring the complaints submitted by natural and legal persons.*

In course of 2018 the UNMS SR recorded two complaints which meant a considerable decrease in comparison with 2017. One complaint was dealt with directly by the UNMS SR within the law stipulated deadline, and this complaint was evaluated as substantiated. Examination of the second complaint delivered to the SNAS was postponed for solution in 2019.

The submitting subjects' critique related to investigated complaints concerning mainly following issues:

- proceedings of the SMU related to reference materials certification, where the complainant was of the opinion that the related processes were beyond the scope of the Metrology Act No 142/2000 and Decree No 210/2000 as amended,
- non-compliance with the accreditation requirements concerning the SNAS accredited certification body, the complaint was related to unauthorized issuance of certificates in the accredited regime.

Following measures were adopted to remedy the deficiencies identified in the context of substantiated complaint:

- the SMU employees concerned were notified in written form of the Internal Notifikacion No 50/600/18. The alert concerned the deficiencies found, the consequences of failure to comply with the prescribed work duties, and retraining concerning procedures of handling petitions delivered in accordance with Act No 157/2018 Coll on metrology and applicable internal SMU rules,
- the SMU Director General appointed a working group to ensure updating and completion of the organizational directive „OS-18 Recognition of Foreign Certified Reference Materials and Certification of Reference Materials Produced in the Slovak Republic”,
- the Statute of the Commission for Certified Reference Materials and the Commission's Rules of Procedure for Certified Reference Materials has been updated.

On the part of the citizens there was no petition submitted either to the UNMS SR or the organizations within its founding competence in 2018.

As regards “other submissions” category that includes applications, suggestions, proposal or notifications submitted by natural and legal persons, the UNMS SR and the organizations within its founding competence obtained 70 submissions in 2018. There were also 3 submissions passing from 2017, which makes 73 submissions in total. In comparison with 2017, when 102 submissions were received, a significant decrease of 32 submissions was recorded.

Of the total number of 68 submissions, 17 were substantiated which means a significant decrease of 22 submissions when compared to 2017. To the end of 2018, there were four 4 pending submissions that remain to be dealt with in 2019.

Considering these 68 submissions, the largest number (20 submissions) were received from the Slovak Trade Inspection. Examples of most frequent submissions include the issues related to the use of non-automatic weighing instruments without validation, wooden meter rules without validation, non-use of taximeters, water flow meters without validation (particularly in relation to the annual accounting of cold or hot water consumption) pertaining especially to the use of calibrated gauges, and also the actual content of the prepacked product differing from nominal quantity indicated on packaging.

The further recurrent submissions included seven cases of the accredited body disapproval related to the proposed composition of the assessment group. The rationale of four submissions was the requirement to verify the activities of other conformity assessment bodies accredited by the SNAS.

Regarding the handling of complaints from legal entities, natural persons – entrepreneurs and citizens, it is noted that all complaints received have been duly investigated, and in the case of substantiated submissions, protocols and corrective actions were taken to remedy the deficiencies identified.

## 7. Internal audit

*Internal audit is performed as a set of independent, objective, verifying, evaluating, assuring and consulting activities aimed at improving management and control processes, taking into account internationally accepted auditing standards in compliance with the Act on Financial Control and Audit.*

In 2018, internal audits were carried out primarily in the UNMS SR, but also in the organizations within its founding competence, i.e. the SMU, contributory organization and the SMI, state budgetary organization. The Annual Internal Audit Plan for 2018 included five internal audits, one of which was performed within the entire State Budget Chapter (verification of risk management setting) and the audit aimed on verification of fulfillment of adopted measures taken to eliminate the deficiencies identified by internal audits in 2017 and the causes of their occurrence were related to the UNMS SR and SMU. There were two additional internal audits performed in the UNMS SR (verification and evaluation of the effectiveness of public funds spent on education; prevention of fraud and irregularities), and one respective internal audit was performed at the SMU (verification and evaluation of financial operations and their economy, efficiency and effectiveness).

Internal auditor drafted the Annual Audit Plan for 2018 as well as the Annual Report on Internal Audits carried out in 2017. As stipulated by the Act on Financial Control and Audit, these documents were submitted to the Ministry of Finance of the Slovak Republic and the Supreme Audit Office of the SR.

Five internal audits were actually performed in the UNMS SR. Out of the measures adopted by the liable persons in 2017, the fulfillment of which was scheduled for 2018, all measures and recommendations were met as demonstrated by the internal audit No 5/2018.

As regards the measures and recommendations resulting from internal audits No 1/2018 and No 2/2018, respectively, the internal auditor supervised fulfillment of the measures and recommendations taken to address the deficiencies of the internal audits carried out in 2018; the measures to eliminate their causes were all met in 2018.

Fulfillment of other measures and recommendations adopted by the liable persons relating remaining three internal audits is scheduled for 2019.

In accordance with the Annual Audit Plan, following audit actions were carried out in 2018:

- Internal audit focusing on evaluation and rendering appropriate assurance of educational system correctness set up at the UNMS SR that is the administrator of the State Budget Chapter and holds the authorized person status in given audit. Internal audit that was performed as a system audit verified setting and factual state of compliance with the system of education as stipulated by the Act No Act No 55/2017 Coll on Civil Service and on Amendment and Supplementation of Certain Acts, as well as other relevant generally binding regulations and Internal Management Act in the audited area of the UNMS SR.
- Internal audit focusing on evaluation and rendering appropriate assurance on correctness of the system for preventing fraud and irregularities set up at the UNMS SR. Within this system audit there were verification and assessment performed, concerning the setting and real state of compliance with the financial management in the area of fraud prevention and irregularities including deficiencies and possible remedies in accordance with § 5 (1) (h) of the Act on financial controls and audits.
- The objective of the third internal audit was to evaluate and render appropriate assurance as regards correctness of the financial management system set up in the area of basic financial control, and where appropriate, the administration financial control in the SMU conditions that is included under the State Budget Chapter of the UNMS SR. This internal audit verified setting of basic financial control and administrative financial control as a part of the SMU financial management, and a factual state of compliance with the financial control set up system in application practice.
- The aim of another internal audit was to evaluate and render appropriate assurance of the correctness of the financial management system set up in the area of risk management in the whole UNMS SR Chapter, in the UNMS SR itself, and in organizations within its founding competence (the SMU and the SMI). Internal audit was focused on verifying and evaluating of accomplished risk management process, and its factual utilization for fulfilling the UNMS SR principle tasks.
- The fifth internal audit verified the fulfillment of the remedy measures related to deficiencies and causes of their occurrence as they were identified by the internal audits carried out in 2017. The relevant audit did not identify any deficiencies, all measures verified met the scheduled time and scope as determined.

## 8. Economy

*The UNMS SR is representing a separate Chapter within the State Budget and managing its public funds in accordance with the Act No 523/2004 Coll on budgetary rules in public administration, and on amendments to some acts as amended. It is also administering the state receivables in accordance with the Act No 374/2014 Coll on receivables of the state and on the amendment of certain laws as amended, and the state property in accordance with the Act of the National Council of the Slovak Republic No 278/1993 Coll on State Property Administration, as amended.*

The UNMS SR is founding body of two organizations subsidized by the state – Slovak Metrological Inspectorate (SMI) and Slovak Institute of Metrology (SMU). Within the founding competence of the UNMS SR belongs also Technical Testing Institute Piešťany (TSU Piešťany). Both the Slovak Legal Metrology (SLM) – the non-profit organization and the Slovak National Accreditation Service (SNAS) – a public body, fall under the material scope of the UNMS SR. The UNMS SR as a state administration central body is exerting its monitoring activities upon them. At the same time, the UNMS SR is also a stock-holder of 5 % at BIONT, Joint Stock Company.

### A. THE UNMS SR BUDGET PERFORMANCE

Binding indicator for revenues of the UNMS SR as a state budget financed organization was assigned for the year 2018 in amount of € 740 000. In the course of 2018 binding indicator for revenues was modified to € 790 000. The change in the binding indicator of the UNMS SR revenues was accomplished by implementation of internal budget measure upon the SMI request reasoned by the impossibility of fulfilling the revenue part of the budget for the fines imposed. The UNMS SR revenue budget was increased by the sum € 50 000 due to favourable development of incomes issuing from delivery and distribution of standards.

The total budget of the UNMS SR after implementation of the budget measures amounting to € 4 775 820 represented financial security necessary to fulfil the tasks arising for the UNMS SR from generally binding legal regulations. During the year 2018, twelve budgetary measures of the Ministry of Finance of the Slovak Republic were implemented:

- permitted exceeding of the expenditure limit by € 2 233 in accordance with application of § 8 of Act No 523/2004 Coll on the Financial Rules of the Public Administration and on amendments to some acts, use of previous year's funds for the investment action 29371 – Technical equipment for the UNMS SR, supplementary funding of the office premises reconstruction at Karloveska 63, Bratislava. interior reconstructions of office premises at Karloveská 63,
- permitted exceeding of the expenditure limit of the chapter by € 104 586 for the increase of employees' salaries with application of § 5, Act No 333/2017 Coll on State Budget for 2018, and the Regulation of the Government of the Slovak Republic prescribing the salary tariffs and salary tariffs scales in accordance with higher-level collective agreements for 2018, the allowed exceedance of the expenditure limit for the UNMS SR by € 93 953,
- permitted exceeding of the expenditure limit by € 87 532 for the provision of funds in relation to the UNMS SR involvement in the national project titled "Introduction and Support of Quality Management in Public Administration Organizations", the allowed exceedance of the expenditure limit for the UNMS SR by € 76 490,
- permitted exceeding of the expenditure limit in relation to the OEKOS interdepartmental program titled "Information technologies financed from the state budget – UNMS SR" by € 12 000 transferred within the UNMS SR chapter from the program 082 "State administration in the field of standardization, metrology, quality, conformity assessment and accreditation „for providing financial coverage for the IP telephone devices used at the UNMS SR,
- permitted exceeding of the expenditure limit by € 127 853 in accordance with application of § 8 of Act No 523/2004 Coll on the Financial Rules of the Public Administration and on amendments to some acts, use of previous year's funds for the investment action 29371 – Technical equipment for the UNMS SR, providing financial coverage for the supply of air-conditioning equipment to the administrative building at Štefanovičova 3, Bratislava,

- permitted exceeding of the UNMS SR wage expenditures via the transfer from the SMI subordinate organization amounting to € 3 939, related to the UNMS SR chapter integration into the national project titled "Introduction and Support of Quality Management in Public Administration Organizations",
- binding of the expenditure limit of € 48 000 in purport of implementing the mandate solution of the registry for the UMSMS in the DKS IS, transfer of funds to the MF SR (Ministry of Finance of the Slovak Republic) budget,
- permitted exceeding of the expenditure limit by € 2 147 in accordance with the application of § 8 of Act No 523/2004 Coll on the Financial Rules of the Public Administration, and on amendments to some acts, releasing the budget funds of the previous year investment action 29371. Technical equipment of the UNMS SR,
- permitted exceeding of the expenditure limit by € 27 714 providing financial coverage for building new electrical connection to the administrative building at Štefanovičova 3, Bratislava,
- permitted exceeding of the capital expenditure limit by € 91 000 via the transfer from current expenditures, of which the amount of € 80 000 within the framework of the UNMS SR to increase expenditures on investment action 29371 Technical equipment of UNMS SR,
- permitted exceeding of the capital expenditure limit by € 57 000 via the transfer from current expenditures, of these € 50 000 to increase expenditures on investment action 29371 Technical equipment of the UNMS SR, and € 7 000 on investment action 33740 Information Technology of the UNMS SR - support infrastructure, respectively,
- binding of the expenditure limit of € 178 861 in accordance with the application of § 8 (6) of Act No 523/2004 Coll on the Financial Rules of the Public Administration, and on amendments to some acts, of these € 167 861 in relation to on investment action 29371 Technical equipment of the UNMS SR, and € 8 000 on investment action 33740 Information Technology of the UNMS SR – support infrastructure, respectively, the use of these funds is planned for 2019.

## EVALUATION OF PERFORMANCE IN INCOMES AND EXPENSES

### INCOMES

Total revenue of the UNMS SR in 2018 amounted to € 920 673 (which means 116.54 %). The highest share was represented by revenues from standardization € 825 913. In 2017, the total income of the UNMS SR was € 926 467 which represents decrease by € 5 794, i.e. by 0.63 %. There was an yearly decrease in standardization revenues of € 48 796, which is 5.58 %. This was partly compensated by property ownership income increase of € 42 329.

### Expenditures

In 2018, the amount of € 4 770 200 was spent by the UNMS SR which makes an annual increase of € 726 603 (17.97 %). The increase of expenditures occurred in the category of current transfers due to the yearly amount of the current transfer for the SMU, contributory organization. In the other categories, there was annual increase due to investing in long-term assets (purchase and installation of air-conditioning equipment, purchase of computer equipment), and wages valorisation.

In 2018 the structure of expenditure was as follows:

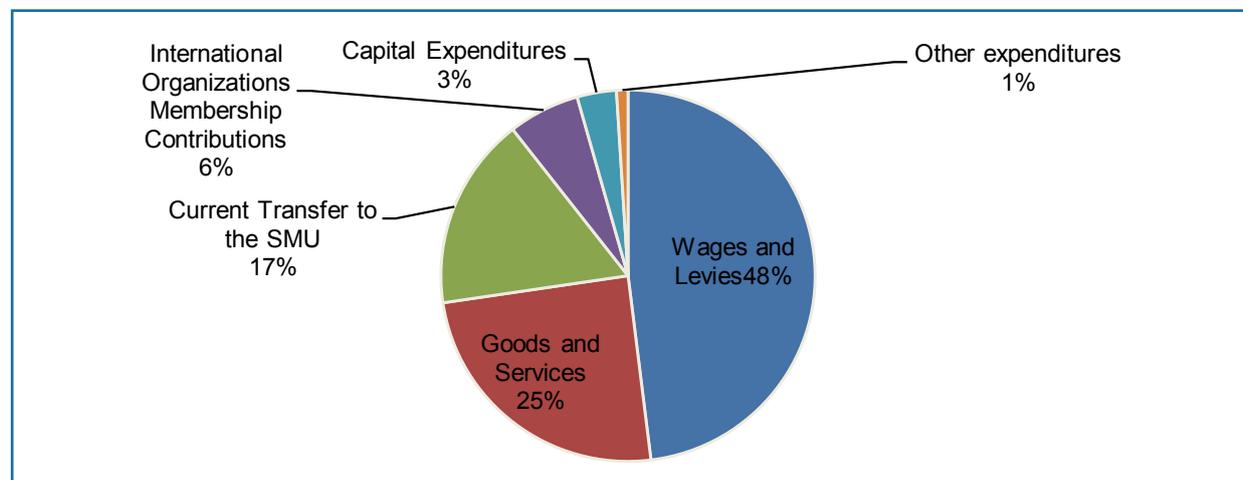
- the most significant share of current expenditures (48.04 %) were represented by wages and levies which amounted to € 2 291 682,
- as regards goods and services the UNMS SR spent within the current expenses the funds amounting to € 1 174 554 (24.62 %),
- the current transfer for the SMU, contributory organization, amounting to € 800 000 (16.77 %) was destined to fulfil the tasks of the national metrology institution and the tasks related to state property. The transfer was granted on the basis of the contract signed between the UNMS SR and the SMU,

- membership contributions to international metrology, standardization and accreditation organizations, as well as contributions of the Slovak Republic to international organizations amounted to € 294 816 (6.18 %),
- capital expenditures represented 3.40 % of total expenditures, and amounted to € 161 992,
- other expenditures representing 0.99 % of total expenditures amounted to € 47 156.

Table No 5: Execution of Revenues and Expenses in €

	Indicator	Budget 2018		Performance			% of Budget Performance		Index	Amend. in €	Amend. in %
		Adopted	Amended	2018	2017	2016	Adopted	Amended	2018/2017	2018/2017	2018/2017
A.	Tax revenues	–	–	–	–	–	–	–	–	–	–
B.	Non tax revenues	740 000	790 000	920 673	926 467	903 220	124.42	116.54	0.99	-5 794	-0.63
	Of these: entrepreneurship and property ownership revenues	–	38 000	62 005	19 676	1 605	–	163.17	3.15	42 329	215.13
	Administrative charges and other fees and charges	740 000	752 000	825 913	876 309	899 310	111.61	109.83	0.94	-50 396	-5.75
	Capital revenues	–	–	–	–	–	–	–	–	–	–
	Other non tax revenues	–	–	32 755	30 482	2 305	–	–	1.07	2 273	7.46
C.	Grants and transfers	–	–	–	–	–	–	–	–	–	–
	<b>REVENUES TOTAL in €</b>	<b>723 000</b>	<b>790 000</b>	<b>920 673</b>	<b>926 467</b>	<b>903 220</b>	<b>127.34</b>	<b>116.54</b>	<b>0.99</b>	<b>-5 794</b>	<b>-0.63</b>
A.	Current expenses	4 620 249	4 613 755	4 608 208	3 916 501	3 932 219	99.74	99.88	1.18	691 707	17.66
	Of these: Wages, salaries, service related incomes and other personnel compensations	1 575 165	1 655 486	1 655 102	1 573 825	1 497 257	105.07	99.98	1.05	81 277	5.16
	Insurance and contributions to insurers	610 881	636 580	636 580	609 215	552 746	104.21	100.00	1.04	27 365	4.49
	Goods and services	1 319 716	1 178 769	1 174 554	1 118 457	911 051	89.00	99.64	1.05	56 097	5.02
	Current transfers	1 114 487	1 142 920	1 141 972	615 004	971 165	102.47	99.92	1.86	526 968	85.69
	Of these: Contributory organizations	800 000	800 000	800 000	300 000	560 000	100.00	100.00	2.67	500 000	166.67
B.	Capital Expenditures	30 000	162 065	161 992	127 096	–	539.97	99.95	1.27	34 896	27.46
	<b>EXPENDITURES TOTAL in €</b>	<b>4 650 249</b>	<b>4 775 820</b>	<b>4 770 200</b>	<b>4 043 597</b>	<b>3 932 219</b>	<b>102.58</b>	<b>99.88</b>	<b>1.18</b>	<b>726 603</b>	<b>17.97</b>

Fig No 3: Execution of current expenditures in 2018



#### 610 – Expenditures on wages, salaries, service related incomes, and other personnel compensations

In 2018, expenditures on wages, salaries, service related incomes and other personnel compensations amounted to € 1 655 102 which makes an annual increase of € 81 277 (5.16 %). This increase was caused by wage valorisation.

#### 620 – Expenditures on insurance and contributions to insurers

In 2018, expenditures on insurance and contributions to insurance companies amounted to € 636 580 which makes an annual increase of € 27 365 (4.49 %). This increase was caused by valorisation of wages.

#### 630 – Expenditures on goods and services

In 2018, the expenditures on goods and services amounted to € 1 174 554 which represents yearly increase by € 56 097 (5.02 %). Higher expenditures in comparison to 2017 were related to increase of expenditures in following financial categories: energy (fin. cat. 632), material (fin. cat. 633) and services (fin. cat. 637). On the other hand, the decrease in expenditures was recorded in the respective financial categories of travel expenses (fin. cat. 631), transport expenses (fin. cat. 634), routine and standard maintenance (fin. cat. 635) and rental expenses (fin. cat. 636).

#### 640 – Expenditures on current transfers

In 2018 these expenditures amounted to € 1 141 972 which represents yearly increase by € 526 968 (36.67 %). This was caused mainly by yearly increasing of expenditures related to current transfer for the SMU, contributory organization, as well as the expenditures related to payment of international organizations contributions, or the expenditures related to severance pays to leaving or retiring employees, and sickness benefits to the employees.

#### 600 – Current expenditures in total

In 2018, the UNMS SR current expenditures amounted to € 4 608 208 which represents yearly increase by € 691 707 (17.66 %).

#### 700 – Capital expenditures in total

In 2018, the UNMS SR capital expenditures amounted to € 161 992 which represents yearly increase by € 34 896 (27.46 %). They were used for purchase of air-conditioning equipment to the administrative building at Štefanovičova 3, Bratislava, for purchase of IT technologies with the aim to increase the UNMS SR operation efficiency and safety.

## B. RECEIVABLES OF THE STATE UNDER THE UNMS SR ADMINISTRATION

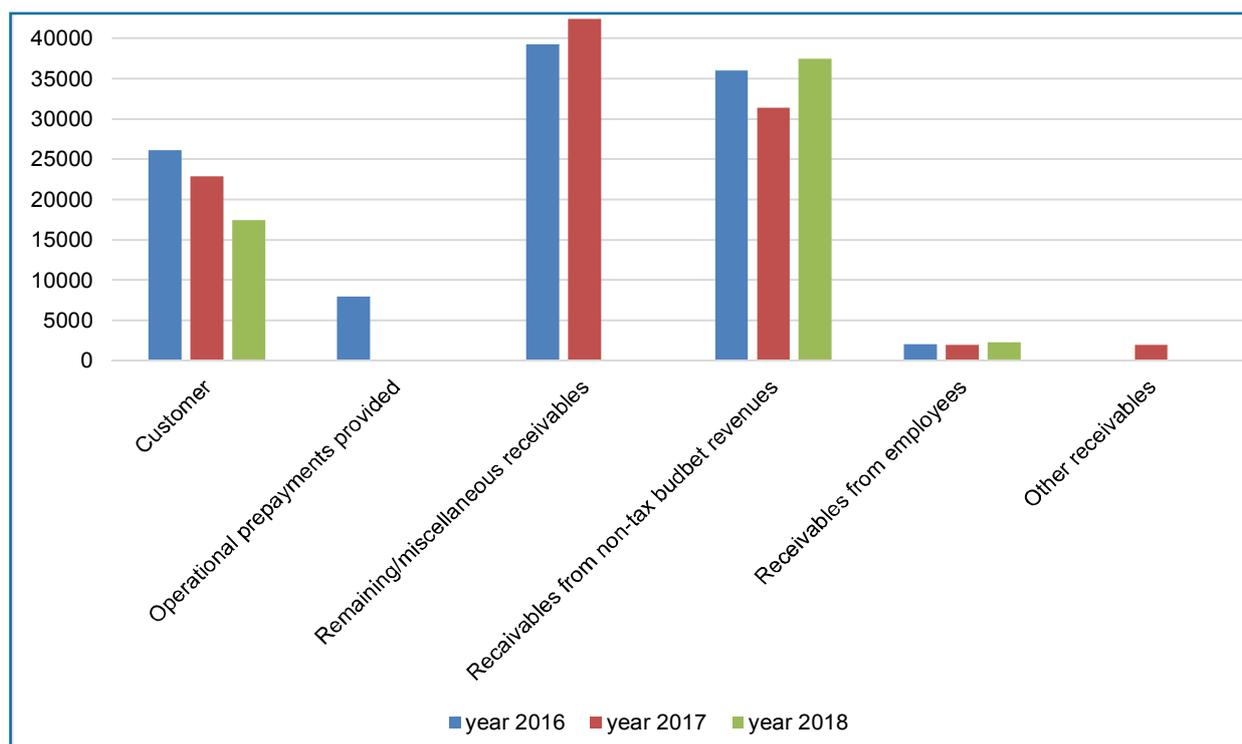
### Structure of receivables of the state as of 31 December 2018

In 2018, receivables of the state under the UNMS SR administration (“the receivables“) amounted to the sum of € 57 386.78. The highest share was made up of other receivables in the amount of € 37 523.62. As the receivables in the year 2017 amounted to € 100 783.38, yearly decrease of € 43 396.60 (43.06 %) was achieved by the UMMS SR. This was caused mainly by the fact that in 2018 receivables from customers, remaining (miscellaneous) receivables, and other receivables decreased yearly, in opposite to receivables from non-tax budget revenues and receivables from employees for which an yearly increase was recorded.

Table No 6: 2016 – 2018 Receivables in €

Indicator	Period			Index	Alteration in €	Alteration in %
	2018	2017	2016	2018/2017	2018/2017	2018/2017
Customers	17 514.33	22 929.84	26 165.01	0.76	–5 415.51	–23.62
Operational prepayments provided	–	–	8 000.00	–	–	–
Remaining/miscellaneous receivables	–	42 473.54	39 295.93	–	–42 473.54	–100.00
Receivables from non-tax budget revenues	37 523.62	31 432.31	36 030.36	1.19	6 091.31	19.38
Receivables from employees	2 336.10	1 973.40	2 101.14	1.18	362.70	18.38
Other receivables	12.73	1 974.29	–	0.01	–1 961.56	–99.36
<b>RECEIVABLES TOTAL in €</b>	<b>57 386.78</b>	<b>100 783.38</b>	<b>111 592.44</b>	<b>0.57</b>	<b>–43 396.60</b>	<b>–43.06</b>

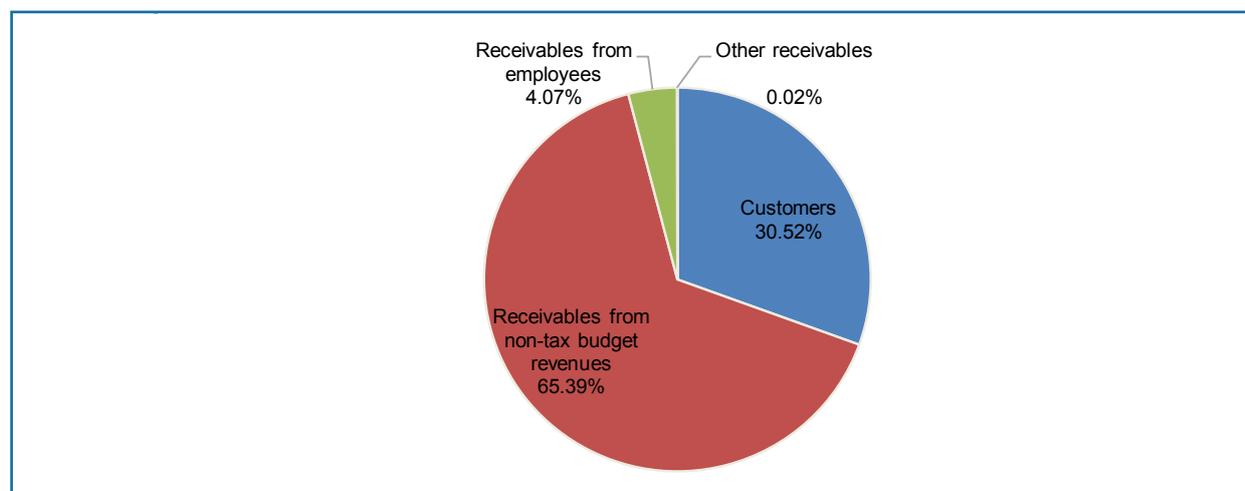
Fig No 4: Development of receivables for the period 2016 – 2018



The structure of receivables in 2018 was as follows:

- the largest share of total receivables (65.39%) was represented by receivables from non-tax budget revenues reaching € 37 523.62,
- receivables from customers reached € 17 514.33 (30.52%),
- receivables from employees reached € 2 336.10 (4.07%),
- other receivables reached € 12.73 (0.02%).

Fig No 5: Structure of receivables in 2018



### 311 – Customers

As of 31 December 2018, receivables from customers amounted to € 17 514.33 which represents yearly decrease by € 5 415.51 (23.62%). This item includes receivables from the sale of standards.

### 314 – Operational prepayments provided

Similarly to 2017, there was no record of operational prepayments provided as of 31 December 2018.

### 315 – Remaining/miscellaneous receivables

As of 31 December 2018, there was no record of remaining receivables which represents yearly decrease by € 42 473.54 (100.00%). In the previous period of 2017 this item was related to the Georgia Project (ACE International Consultants, S.L.).

### 316 – Receivables from non-tax budget revenues

As of 31 December 2018, receivables from non-tax budget revenues amounted to € 37 523.62 which represents yearly increase of € 6 091.31 (19.38%). Under this item, there are recorded receivables related to rental invoicing under the contracts (SMU, BIONT, SNAS, STRABAG) as well as re-invoicing of the operation costs, heat energy, costs related to the use of conference rooms, administration of operation and maintenance (SMU, SNAS, STRABAG). At the same time, at this account there are the receivables related to foreign business trips and fees related to electricity and water consumption, as well as sanitation fees (Caffe Espresso).

### 335 – Receivables from employees

As of 31 December 2018, receivables from employees amounted to € 2 336.10 which represents yearly increase of € 362.70 (18.38%). This item includes meal allowances of employees.

### 378 – Other receivables

As of 31 December 2018, there were other receivables of € 12.73. In the previous period of 2017 there were receivables under this item in the amount of € 1 974.29 which means a decrease of € 1 961.56 (99.36%). Under this item, there were recorded receivables related to duplicate payments and credit notes.

### C. PROPERTY OF THE STATE UNDER THE UNMS SR ADMINISTRATION

In accordance with the Act no 278/1993 Coll on State Property Administration as amended, the UNMS SR issued following decisions:

- the decision on the surplus property No 2018/402/000136/00069 related to tangible fixed assets of the state (passenger car VW Caravelle kombi) dated 5 January 2018,
- the decision on the interim surplus property No 2018/402/000861/00356 relating to movable property of the state (furniture) dated 23 January 2018,
- the decision on the interim surplus property No 2018/402/001183/00466 relating to immovable property of the State (Energy Block Building) dated 6 February 2018,
- the decision on the interim surplus property No 2018/402/009403/03161 relating to immovable property of the State (Room 118, Block „A“) of 15 August 2018.

Following the above-mentioned decisions of the UNMS SR:

- the surplus property related to tangible fixed assets of the state, the passenger car VW Caravelle was transferred toll-free to the Children's Home in Prešov,
- the interim surplus property relating to movable and immovable property of the state, the UNMS SR concluded the lending contract with the SMÚ.

## 9. Standardization

*Standardization is a strategic tool in meeting the commitments to remove technical barriers to trade. Standardization activities result in standards that can reduce costs, satisfy consumers, open access to new markets, improve environmental performance. The widespread adoption of standards substantially facilitates supplier-customer relations in various economic sectors and reduces production costs, thus significantly boosting economic operators competitiveness. Standards specify the essential quality and safety requirements for products and services, thus contributing to consumer protection, and many standards include environmental aspects, thereby promoting sustainable development.*

In 2018, the Standardization Department (hereafter referred to as the „OTN“) carried out activities in accordance with the Act No 60/2018 Coll on Standardization and Regulation (EU) No 1025/2012 on European Standardization.

The principal OTN activity was to develop, publish, distribute, review and withdraw Slovak Standards (STNs) and Standardization Information (TNI) as well as to prevent the unauthorized reproduction of STNs or TNI. Based on the membership of the UNMS SR, as the Slovak National Standardization Body (NSB), in the European standardization organizations (European Committee for Standardization – CEN, European Committee for Electrotechnical Standardization – CENELEC), and in the International standardization bodies (International Organization for Standardization – ISO, International Electrotechnical Commission – IEC), OTN arranged the involvement of experts in the development and revocation of European and International Standards, Standardization Products and Other Standardization Information. On the basis of the Memorandum of Understanding, OTN cooperated with European Telecommunications Standards Institute – ETSI in order to develop European Standards and European Standardization Products.

From 1 January 2018, a new significant change in the field of electrotechnical standardization has been triggered by the re-labeling of European Standards adopted by CENELEC. Pursuant to the Frankfurt Agreement, European Standards, which are identical to those of IEC are referred to as EN IEC 6XXXX: 20YY. The objective of this change is to help end users of standards to identify the relationship between European and International Standards.

Pursuant to the Act on Standardization, an advisory body of the President of the UNMS SR, the Council for Standardization (hereafter referred to as the „RTN“) was established to safeguard the independence of the Slovak NSB. At the inaugural session in the first half of 2018, RTN members approved the Statute and Rules of Procedure as well as criteria for the development of STNs and TNI in the state language. During 2018, the Statute of RTN was amended by Supplement No 1 which was submitted to RTN members for approval per rollam by the end of 2018. At the same time, the draft criteria for 2019 were submitted for RTN approval.

As a part of the obligation to implement all European Standards, OTN adopted 100 % of European Standards into the STN system. When translating them into Slovak language OTN focused in particular on harmonized European Standards in the field of machine safety, pyrotechnic articles, personal protective equipment, playground equipment and toys, electrical installations and electrical safety, as well as other technical standards specifying the requirements for safety and quality of products, health, property and environment protection, thereby contributing to increasing the competitiveness of Slovak businesses and facilitating their access to international markets.

### DEVELOPMENT OF STN AND TNI

The development of STNs and TNI is carried out by UNMS SR in accordance with the Act on Standardization, identifying the way of adoption of European Standards and European Standardization Products, International Standards and Other Standardization Information into the Slovak standards system. It also ensures the development and adoption of homegrown national STNs and homegrown TNI. In case of a financial contribution of UNMS SR covering the costs of the development of STNs in Slovak language, NSB proceeds pursuant to a special regulation, the Act No 343/2015 Coll on Public Procurement and on Amendments and Supplements to certain Acts.

The selection of experts and translators for the development of STNs and TNIs, adopting European Standards and European Standardization Products, International Standards and Other Technical Standardization Information for which was determined the way of adoption in the official language into the Slovak standards system, is carried out transparently in accordance with the Development Programme for Standardization (hereafter referred to as the „PRTN“). This program is guided by the Methodological Guidance of Development Programme for Testing, Standardization and Metrology. In 2018, based on the recommendations of the National Technical Committees and based on the requirements of the professional public or regulators, there were published 6 lists containing 287 standardization tasks. After the selection of the translator, there were contracted 167 tasks with external subjects. The “Call for development of homegrown STNs” was published on the UNMS SR website, the subject of which was the development of seventeen original STNs. Based on the market research, there were prepared 16 contracts for the development of homegrown STNs. In total, there were 1666 standardization tasks for the development of STNs included in the technical standardization plan, comprising their changes and the development of TNIs.

**Table No 7: Number and classification of standardization tasks in the standardization plan from 1 January 2018 to 31 December 2018**

	Number	Percentage
European Standards	1 642	98.56
International Standards	8	0.48
Other STNs and Foreign Standards	16	0.96

PRTN, inter alia, has included new tasks for translation of several new or revised system standards expected by public e.g. ISO 45001: 2018 for Occupational Health and Safety Management Systems, ISO 37001: 2016 for Anti-bribery Management Systems and ISO 31000: 2018 for Risk Management.

In 2018, OTN registered 70 national technical committees and 2 national working groups. There were organized 37 regular and 6 correspondence meetings. The activities of these advisory bodies of the UNMS SR were mainly focused on evaluating the adoption of European and International Standards into the Slovak standards system and on providing comments and opinions on various documents of standardization activities at national, European and international level.

## INTERNATIONAL ACTIVITIES

OTN performed international cooperation in the field of development and withdrawal of European Standards, European Standardization Products, International Standards and Other Standardization Information documents through the experts associated in the international and European technical committees (hereafter referred to as the „TC“), project committees (hereafter referred to as the „PC“), subcommittees (hereafter referred to as the „SC“) or working groups (hereafter referred to as the „WG“).

In 2018, UNMS SR representatives participated in the meetings of the governing bodies of the international and European standardization organizations ISO, CEN, CENELEC and ETSI. In July 2018, the General Assembly of CEN, the General Assembly of CENELEC and their joint General Assembly meetings were held in Bled, Slovenia. One of the core outcomes from the negotiations was the information about the continuation of Digital Transformation of the European standardization system. Based on the strategic plan for Digital Transformation, four pilot projects have originated that will create an online platform for drafting standards, the concept of standards of the future (online standardization), strategic partnerships and links to innovation in the field of Open Source. UNMS SR has been making progress in the application of automated methods for transferring data from the European standardisation organizations and international standardization bodies into the internal systems of the Slovak NSB and vice versa. The UNMS SR delegation participated in the ISO General Assembly on 26 – 28 September 2018 in Geneva, Switzerland. This annual meeting was focused on the theme of „Standards for the Sustainable

Development Goals“. An important tool to achieve sustainable development goals is a reliable quality infrastructure. Furthermore, the delegates reaffirmed the need to involve the young generation in the standardisation, to continue on the successful collaboration with IEC and to begin to develop the concept of a technical committee of the future.

In January 2018, OTN representatives met with representatives of the Chinese National Committee in the framework of an exchange of experience and knowledge among members of international standardization bodies. In June 2018, a meeting of OTN representatives with representatives of the American standardization organization ASTM took place.

**Table No 8: UNMS SR activities in the technical bodies of the European and international standardization organizations**

Organization	Number of active TC/SC	National membership	P- membership	O-membership	Total	Total (%)
ISO + JTC 1	786	–	56	422	478	60.8
IEC (without JTC 1)	193	–	6	90	96	49.7
CEN	397	397	–	–	397	100.0
CENELEC	199	199	–	–	199	100.0
ETSI	44	44	–	–	44	100.0

## MEMBERSHIP IN ISO AND IEC TECHNICAL BODIES

UNMS SR as the Slovak NSB is an active P-member (participant) in 56 ISO technical bodies (ISO/TC/SC). In 2018, the UNMS SR applied for the change of P-membership (active participation) to O-membership (observer) in one ISO SC due to cessation of cooperation by the provider of international cooperation (ISO/IEC JTC 1/SC 34). Three ISO/TCs and SCs in which NSB had P-membership and three ISO/TC/SCs in which NSB had O-membership finished their activities. However, at the same time the UNMS SR asked for the O-membership in five other ISO/TC/PC/SCs, for the P-membership in one ISO/TC (ISO/TC 211) and in two ISO/TC/SCs (ISO/TC 172/SC 6 a ISO/IEC JTC 1/SC 41). UNMS SR also applied for a membership of one external national expert in ISO/TC/WG and the expert has become the convenor of this WG (ISO/TC 92/SC 4/WG 10). Over the followed period, UNMS SR nominated four delegates for the meetings of seven ISO technical bodies in which the Slovak Republic is a P-member. Slovak experts cooperating with the ISO/TCs/SCs sent in total 141 national positions relating to the ISO documents.

There are currently signed 6 IEC contracts for active P-membership in TCs/SCs. The experts cooperating with the relevant TCs/SCs sent in total 142 national positions. The representatives of organizations engaging in international cooperation personally participated in two plenary meetings of IEC TCs.

## MEMBERSHIP IN CEN AND CENELEC TECHNICAL BODIES

UNMS SR was the member of 397 CEN/TCs and CEN/TC/SCs as of 31 December 2018. In 2018, UNMS SR applied for membership of five external national experts in CEN/TC/WGs and nominated a total of 24 delegates for 29 CEN/TCs, SCs and WGs meetings. The Slovak experts cooperating with the CEN/TCs and SCs sent in total 518 national positions concerning the CEN documents.

The Slovak National Committee has the membership in all 199 CENELEC technical bodies, i.e. 78 CLC/TCs, 15 CLC/TC/SCs, and in 106 task forces, project groups and joint working groups of CENELEC Technical Board. Active work was performed by three experts. The experts sent 35 national positions.

In 2018, the UNMS SR permanent delegates regularly participated in the meetings of the CEN Technical Board (CEN/BT) and CENELEC Technical Board (CENELEC/BT). The Technical Boards are the highest technical bodies of CEN and CENELEC and they manage the programs of standardization work at European level. A total of 213 national positions were elaborated for correspondence voting of both technical boards.

In total, 58 agreements and the framework contracts for international cooperation with ISO and CEN technical bodies were valid as of 31 December 2018. These agreements provided the cooperation with 96 CEN/TCs and SCs and with 59 ISO/TCs and SCs. In 2018, two new cooperation agreements were signed, replacing the existing agreements. The total number of 11 agreements and the framework contracts for international cooperation with IEC and CENELEC provided the cooperation with 9 CENELEC/TCs and 16 IEC/TCs and SCs.

## NATIONAL INFORMATION CENTRE FOR STANDARDIZATION

The National Information Centre for Standardization (hereafter referred to as the „NIS TN”) processed and made available the STNs and TNI in paper form, in electronic form or via the STN-online service. As a member of the European and International Standards Organizations, the UNMS SR cooperated with the national standardization organizations of the Member States in the field of standardization documents exchange. In 2018, there were made available to users 545 Czech standards and 153 foreign standards (except of Czech). In 2018, NIS TN services were used by 1 350 visitors.

The provision of STN and TNI were carried out based on the consumer demand, which considerably contributed to the efficiency and cost-effective use of funds. There were 159 STNs and TNIs graphically processed and published in print and further 1 509 STNs and TNI were published in other way over the period followed.

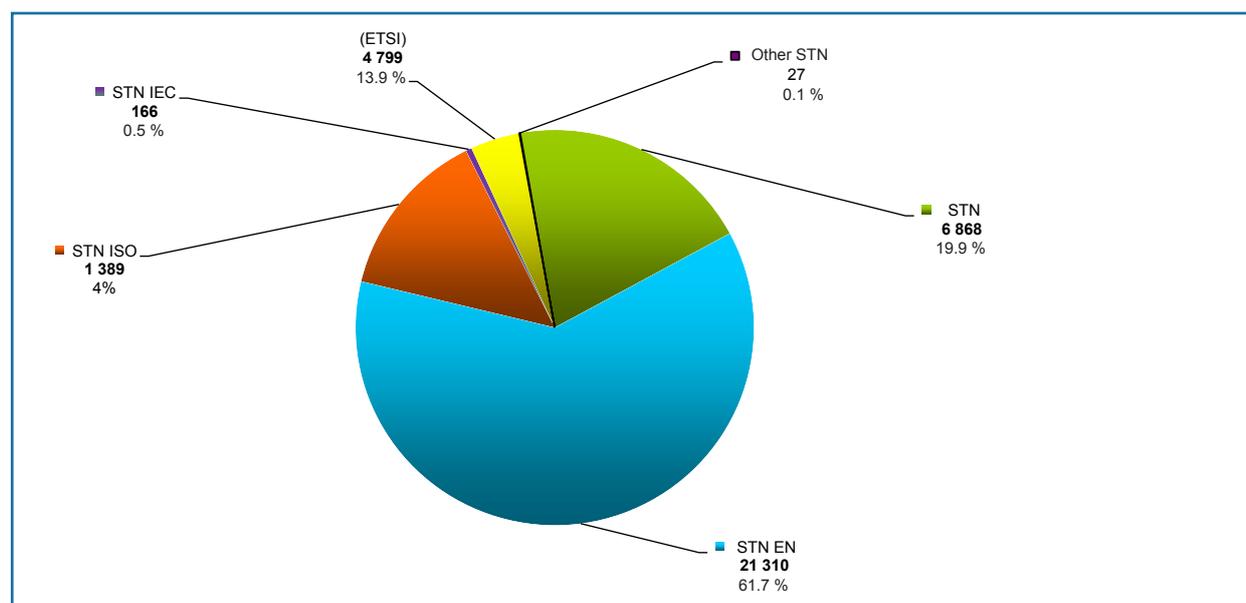
A total of 21 068 STN and TNI titles, publications, International and European standard documents were distributed to address direct public demand.

During the period considered in the NIS TN, twelve issues of the UNMS SR Official Journal were processed, issued and distributed with an annual impression of 2 154 pieces and the two issues of the Metrology and Testing Magazine in the number of 111 pieces.

In 2018, the activities of the UNMS SR were focused, inter alia, on providing the STN-online service that allows its users to access Slovak standards online platform in the PDF format via a web interface based on their annual subscription.

The total number of standards in the system of the STNs valid as of 31 December 2018 was 34 559 and the overview of their origin is given in the graphic Figure 6.

Fig No 6: Overview of valid STNs according to their origin as of 31 December 2018



## KEYMARK – SINGLE EUROPEAN CONFORMITY MARK

The KEYMARK is a voluntary European quality mark for products and services that demonstrates compliance with European Standards. Slovak NSB ensures participation in an activity of the CEN - Keymark certification model, which is owned by CEN and CENELEC and is empowered by Certification Bodies. Administrative agenda is provided by the German company DIN CERTCO. In 2017, the CEN Certification Board (CCB) was canceled by a decision of the CEN General Assembly No 48/2017 and its activities were taken over by the Advisory Group of the CEN Administrative Council (CACC POL). In 2018, CEN decided to replace the former CCB by the new established CEN KEYMARK Taskforce (KTF). Accordingly, the CEN-CENELEC Internal Regulations, Part 4 were updated to take this change into account, and delegations directly approved the new provisions during the General Assembly meeting in Brussels, Belgium.

## ISO 9001 QUALITY MANAGEMENT SYSTEM

UNMS SR established the OTN Quality Policy for 2018 as a tool for managing the organization towards improving services. The Quality Policy is based on the OTN credentials to carry out the standardization tasks and responsibilities of the Slovak NSB arising from the Act on Standardization. Based on the quality policy, there were recognized two long-term and two short-term quality objectives with regard to the permanent improvement of the OTN Quality Management System, provision of STNs and other services.



# 10. Metrology

*Metrology is dealing with measurement, measuring units, methods and means of measurement and also with evaluating of measurement results with purpose to ensure uniformity and accuracy of measurements in different fields of human activity. In practice the metrology is relating of measurements which can influence transparency of business transactions, consumer protection and also enforce of law.*

The Metrology Department of (OM) as a professional department of the UNMS SR is responsible for state policy in the field of metrology.

## LEGISLATION

In 2018, the Department of Metrology in cooperation with the Department of Legislation dealt with legislative process related to:

- Act No 157/2018 Coll on metrology and on amendments of certain acts,
- Decree No 173/2018 Coll on legal measuring units,
- Decree No 188/2018 Coll on pre-packages, on measuring container bottles, on requirements for checking of quantity in pre-packages, and on requirements for checking the actual volume of measuring container bottles,
- drafting a new Decree on measuring instruments and metrological control that that will replace the currently valid Decree No 210/2000 Coll on measuring instruments and metrological control as amended.

## TASKS OF METROLOGY DEVELOPMENT

In 2018 Department of Metrology supported solving the tasks arising from its competence, policy and concepts sets out in general provisions. The tasks were related to the areas of international cooperation and methodologies, respectively:

- In the field of international cooperation, support was provided to the OIML TC4 Technical Committee (Measurement Standards and Calibration and Verification Devices). Active support led to ncreasing the TC 4 activities, enhancing the outcomes of its activities by motivating TC4 members and external experts with focus on their expertise,
- In the field of methodology two guides were developed for the UNMS SR internal use as well as for professional and general public: „The role of measurement uncertainty in decisions on conformity assessment and verification of legally controlled measuring instrument“ and „Methodology of expert survey of metrological characteristics of non-automatic weighing instruments including execution of measurements at the site of the on-automatic weighing Instruments use.

## AUTHORIZATION AND REGISTRATION

In 2018, Department of Metrology issued 30 decisions on authorization for verification of legally controlled measuring instruments or for official measurement. The structure of decisions is given in Table No 9. At the end of 2018 UNMS SR registered 72 authorized bodies in total, including 63 for verification of legally controlled measuring Instruments, and 9 for official measurements.

Table No 9: Overview of decisions of the UNMS SR – authorized bodies

Year	Number of decisions issued				Number of authorized bodies		
	New	Altered	Revoked and rejected	Total	Verification	Official measurement	Total
2014	16	27	6	49	73	13	86
2015	6	20	1	27	67	13	80
2016	6	32	5	43	67	11	78
2017	10	24	3	37	64	10	74
2018	5	23	2	30	63	9	72

In 2018, UNMS SR received 35 applications for registration of newly engaged entrepreneurs. Overall number of decisions issued by UNMS SR was 151. The structure of decisions is given in Table No 10. At the end of 2018 UNMS SR registered 1 291 registered bodies in total.

**Table No 10: Overview of decisions of the UNMS SR – registered bodies**

Year	Number of decisions issued			Number of registered bodies
	New	Altered	Total	
2014	61	92	153	1 240
2015	39	85	124	1 252
2016	49	86	135	1 269
2017	44	150	194	1 313
2018	20	69	89	1 291

## INTERNATIONAL COOPERATION

The Metrology Department participated at the activities of the Working Group of the European Commission on Measuring Instruments which was focused predominantly on exchange of knowledge related to transposition and application of the new EU Directives (Directive 2014/32/EU of 26 February 2014 of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments – MID, and Directive 2014/31/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of non-automatic weighing Instruments – NAWID), and attended the meeting on Measuring Instruments the European Commission.

Representatives of Department were also actively involved in activities within the European Cooperation in Legal Metrology (WELMEC). They attended two meetings of the WELMEC Committee, and meetings of the working groups as follows – WELMEC WG 2 (Weighing Instruments), WG 6 (Prepackages), WG 8 (Measuring Instruments – MID) and WG 11 (Utility Meters).

This year a new working group EC ADCO Prepackages was created at the WG 6 meeting of WELMEC WG 6 that will deal with issues arising in the area of prepackages and metrological supervision on prepackages, respectively.

The Slovak Republic is an active member of the International Organization of Legal Metrology (OIML), and provides for management of Secretariat for the Technical Committee TC 4 – Measurement standards and calibration and verification devices through the SLM within the preliminary vote. The Metrology Department representatives sent the comments and opinions related to the new OIML proposals and documents within the preliminary vote, as this is the one of the duties of the OIML members.

In October 2018, the 53<sup>th</sup> Meeting of the International Committee of Legal Metrology (CIML) took place in Hamburg, Germany. Slovak delegation attended the meeting and supported approval of several OIML international recommendations as well as economic measures leading to improvement and streamlining the CIML work.

In November 2018, the 26<sup>th</sup> International Conference on Weights and Measures (CGPM) took place in Versailles, France. The Slovak delegation which participated in the CGPM supported adoption of following resolutions: the resolution on the revision of the SI international system of measuring units, the resolution on the strategic plan of the International Bureau of Weight and Measures (BIPM), the resolution on the new definition of time, the resolution on the BIPM grant system and the resolution on the membership fees payment methods applied by the Member States, and the resolution on exclusion procedure concerning the Member State that has not paid the membership fee.

In November, the employees of Metrology Department gave lectures on metrology legislation for participants of the study visit from Lebanon that was organized by PTB Germany.

## PUBLIC ACTIVITIES IN METROLOGY

The Metrology Department participated actively in seminars organized by professional metrological associations focused on current issues in the field of metrology. These seminars were intended chiefly for authorized bodies and registered bodies including economic operators.

Interested subjects were informed about current events in Slovakia, but also about international metrological cooperation as presented at the 48<sup>th</sup> Metrologists' Forum organized by the Slovak Metrological Society (SMS), the 48<sup>th</sup> and 49<sup>th</sup> Assembly of Calibration Association of the Slovak Republic (KZ SR), the seminar organized by CHEMMEA company, coordination meeting of the Slovak Road Administration, at the Day of Testing, and at the 1<sup>st</sup> Czechoslovak Forum of Metrologists.

In 2018, UNMS SR was publishing "Metrology and Testing" professional bulletin with contributions provided by the staff of the Department. The contributions dealt with traditional themes concerning activities of authorized bodies, as well as information and reports from international organizations working groups, and overviews of metrological legislation. In 2018 there were two issues of the bulletin printed, and four issues were distributed electronically. The on-line version of the bulletin is made available on the UNMS SR website.

## AWARDS FOR METROLOGY

In 2018 on the occasion of the World Metrology the President of the UNMS SR solemnly granted the J. A. Segner Prize for Metrology which was awarded to three individuals and one working team (Measurement and Metrology Department Team from the Faculty of Mechanical Engineering of the Slovak University of Technology in Bratislava). The aim of this UNMS SR award is to highlight important contribution of an individual person or a team of employees that participated at the development of metrology and metrological assurance of measuring instruments, accuracy and consistency of measurements in the Slovak Republic or they contributed to disseminating the knowledge on the results achieved in this field.



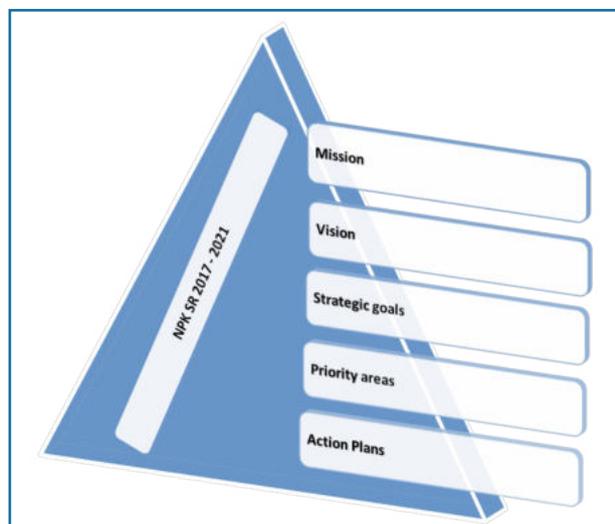
## 11. Quality

*The particular task of the Quality and Project Management Department (OKPR) of the UNMS SR is to draft and subsequently coordinate the Conception of the State Quality Policy represented by the National Quality Program of the Slovak Republic. The OKPR performs several activities resulting from the National Quality Program of the Slovak Republic. One of the most important ones is the provision of support for the implementation of quality management in public administration organizations that is implemented by OKPR through the national project. Other activities of the OKPR fulfilling the quality state policy of the Slovak Republic include co-ordination and methodological provision of the National Quality Award of the Slovak Republic, and the National Award of the Slovak Republic for Social Responsibility, as well as other events related to the area of quality.*

### THE NATIONAL QUALITY PROGRAM OF THE SLOVAK REPUBLIC

National Quality Program of the Slovak Republic (NPK SR) and the strategy for 2018 – 2021 was approved by the Resolution of the Government of the Slovak Republic No 594 of 14 December 2016. The strategy encompasses defined mission, vision, strategic goals and priority areas, respectively. Both the public administration bodies and the private sector bodies fulfill the NPK SR within their ongoing activities. The state administration central bodies define pertaining activities within their Action Plans which are submitted and evaluated within the set deadlines. The co-ordination of the state administration central bodies and other interested parties in relation to implementation of the NPK SR activities is ensured by the Board for National Quality Program of the Slovak Republic which is an advisory body to the President of the UNMS SR as regards implementation of the quality state policy in the Slovak Republic.

Scheme No 1: The NPK SR Strategic Frame



### THE NATIONAL PROJECT TITLED "INTRODUCTION AND SUPPORT OF QUALITY MANAGEMENT IN PUBLIC ADMINISTRATION BODIES"

One of the most important conceptual intentions of the UNMS SR is to support the improvement of quality through comprehensive quality management tools (the EFQM model of excellence and the CAF model) or the quality management system according to STN EN ISO 9001:2015. Quality improving is one of the NPK SR core issues.

The main objective of how to contribute to the fulfilment of the NPK SR mission and the UNMS SR mission, respectively, is to support implementation of one of the above-mentioned quality tools in public administration bodies. This is to be done by the UNMS SR through the national project. In February 2018, the Managing Authority (RO) of the Effective Public Administration Operational Program ("OP EVS") at Ministry of Interior of the Slovak Republic was submitted the National Project scheme titled "Implementation and Support of Quality Management in Public Administration Bodies" for approval.

The goal of the National Project (NP) is to increase efficiency and quality of the public administration bodies management activities. The approval of the NP scheme was accomplished on 15 March 2018 at the OP EVS Monitoring Committee meeting. One month after the approval, an elaborated draft containing the NP's description and budget of was submitted.

From May to July, comments and communications with the MA were carried out, resulting in the final version of the NP's description and budget. Partner contracts were drafted during this period.

On the basis of the final documents, the RO issued a call addressed to the UNMS SR on 21 August 2018 related to the National Project (NP) with determining the deadline for submitting the Application for a Non-Refundable Contribution (ŽoNFP) of 30 days after the call. In August, the UNMS SR also received the partnership contracts. As of 20 September 2018, eighteen contracts were signed by the partners, the last one being delivered in November 2018. The ŽoNFP in prescribed letter form as well as all mandatory attachments and budget were dispatched via ITMS2014 + on 21 September 2018. Upon the RO request for supplementary information, the ŽoNFP was re-drafted, and submitted to the RO on 14 November 2018. From that date onwards, the administrative and subsequent professional evaluation of the submitted application is being performed with prospective decision on approval or disapproval.

**Table No 11: Partner Bodies Participating in the NP**

Quality Management			14	Statistical Office of the Slovak Republic	ISO 9001
1	Ministry of Interior of the Slovak Republic	CAF	15	Slovak Metrological Inspectorate	ISO 9001
2	Ministry of Education, Science, Research and Sport of the Slovak Republic	CAF	16	National Labour Inspectorate	CAF
3	Ministry of Environment of the Slovak Republic	CAF	17	State Veterinary and Food Administration of the Slovak Republic	CAF
4	Ministry of Defence of the Slovak Republic	CAF	18	Central Office of Labour, Social Affairs and Family	ISO 9001
5	Ministry of Health of the Slovak Republic	CAF	19	Regional Public Health Authority	ISO 9001
6	Ministry of Foreign and European Affairs of the Slovak Republic	CAF	Anti-corruption management systems according to ISO 37001		
7	Ministry of Finance of the Slovak Republic	EFQM	1	Government Office of the Slovak Republic	
8	Ministry of Culture of the Slovak Republic	CAF	2	Office of the Deputy Prime Minister of the Slovak Republic for Investments and Informatization	
9	Government Office of the Slovak Republic	CAF	3	Slovak Metrological Inspectorate	
10	Office of the Deputy Prime Minister of the Slovak Republic for Investments and Informatization	ISO 9001	4	Office of the Plenipotentiary of the Government of the Slovak Republic for Roma Communities	
11	Office for Public Procurement	ISO 9001	Quality Culture Self-Assessment Tool		
12	National Security Authority	CAF	1	Ministry of Interior of the Slovak Republic	
13	Industrial Property Office of the Slovak Republic	CAF	2	Ministry of Defence of the Slovak Republic	

An organizational structure alterations were accomplished with effect from 30 June 2018 in order to cover all NP activities. Reasoned by the increase of activities, it was decided to staff the OKPR with new eleven employees. As of 30 November the number of the OKPR employees was nine, with five external tenders for employment being announced on the same date.

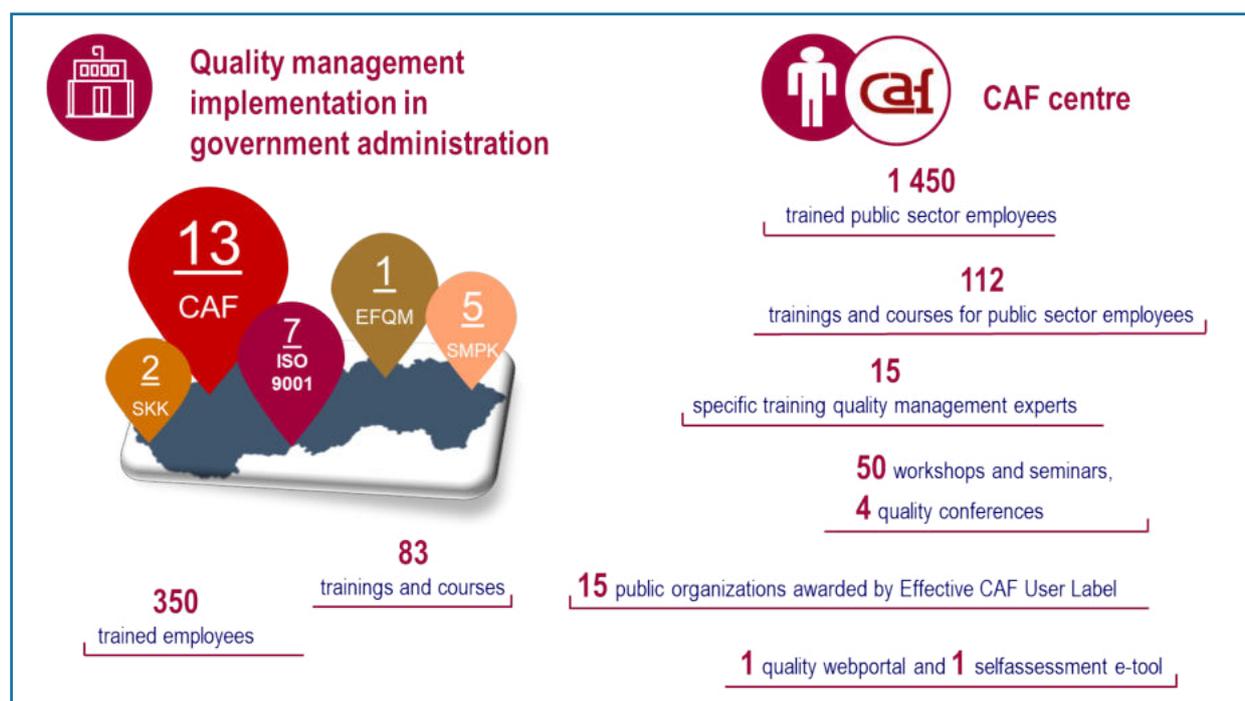
In cooperation with the Personal Office, there were changes from 1 September 2018 as regards descriptions of the current employment positions related both to the OKPR employees and the employees from other departments who were engaged in the NP working activities.

Guidelines, methodological and auxiliary training materials concerning the process of public procurement and legal-labour relations were drafted for NP partners. Workshops and meetings were provided continuous basis, and they were focused especially on those partners involved in the implementation of some of the tools at the NP start-up phase.

In October 2018, the implementation part of the (quality) management system was launched in the Statistical Office of the Slovak Republic. The originally planned implementation in the Government Office of the Slovak Republic, and in the Office of the Deputy Prime Minister of the Slovak Republic for Investments and Informatization is postponed to the next year. For now, the selection of a consulting company, setting of a guarantor, selection of methodologist and the team members was accomplished in both bodies. Other project and expert documents for the NP implementation part and for the CAF Centre were gradually being prepared. As part of the CAF model implementation that is to be accomplished in thirteen bodies, a workshop was held with trainers/consultants and CAF model assessors (evaluators/reviewers). The aim was to introduce the NP, with particular attention paid to its implementation part.

An initial meeting on implementation of the CAF model for three partner bodies was held on 30 November 2018. The actual implementation start was set for January 2019. In connection with launching the implementation of the quality management system according to the ISO 9001: 2015 Standard in the UNMS SR in January 2019, the public procurement process for selecting the consulting company was started. At the same time, the process of procuring material and technical equipment for the CAF training centre, and other necessary products and services for the NP was under way.

#### Scheme No 2: The NP expected results



## CAF CENTRE

The already mentioned and no less important activity within the NP framework is the establishment of an information, education and counselling centre for public administration organizations, the so-called CAF Centre. The CAF Centre will be a constituent part of OKPR's organizational structure. It will include professional staff and quality experts. The aim of the CAF Centre is to raise awareness and enhance the application of quality management across the public administration of the Slovak Republic.

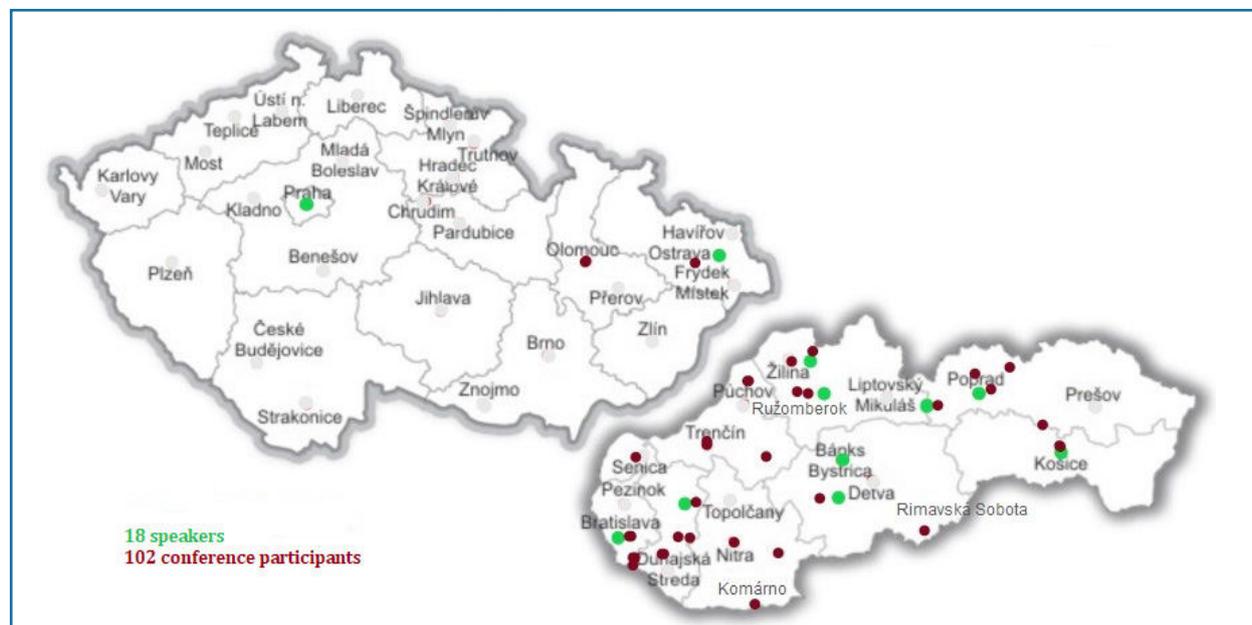
Table No 12: CAF Centre Activity Plan

Activity	Output	Target Group	Impacted
Educational/ Training Activity	<ul style="list-style-type: none"> <li>Organizing educational activities (trainings) on a variety of professional topics (CAF model, EFQM model of excellence, ISO, quality tools, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Public Administration Bodies</li> <li>Professional and laic public</li> </ul>	<ul style="list-style-type: none"> <li>Citizens</li> <li>Public Administration Bodies</li> <li>Private Sector Bodies</li> </ul>
Basic Consultancy Activities	<ul style="list-style-type: none"> <li>Providing consultancy on selected quality management tools implementation</li> </ul>	<ul style="list-style-type: none"> <li>Public Administration Bodies</li> <li>Professional and laic public</li> </ul>	<ul style="list-style-type: none"> <li>Citizens</li> <li>Public Administration Bodies</li> <li>Private Sector Bodies</li> </ul>
Development and support of external assessors	<ul style="list-style-type: none"> <li>Providing specialized training for current and future CAF model reviewers and trainers</li> </ul>	<ul style="list-style-type: none"> <li>Experts from Public Administration Bodies</li> </ul>	<ul style="list-style-type: none"> <li>UNMS SR</li> <li>Competitions Contestants</li> <li>Public</li> </ul>
Analytical- methodical activities	<ul style="list-style-type: none"> <li>Creating methodology on EASYCAF</li> <li>Creating methodology on feedback</li> <li>Creating methodology on Benchmarking</li> <li>Creating methodology on self-assessment of quality culture tools</li> <li>Creation of additional professional methodologies and studies</li> </ul>	<ul style="list-style-type: none"> <li>UNMS SR</li> <li>Quality and Project Management Department</li> <li>Experts from public administration</li> <li>Laic public</li> <li>CAF Centre</li> </ul>	<ul style="list-style-type: none"> <li>Competitions Contestants / Training Participants</li> <li>Assessors</li> <li>Trainers</li> <li>Consultants</li> </ul>
Activity	Output	Target Group	Impacted
Educational/ Training Activity	<ul style="list-style-type: none"> <li>Organizing educational activities (trainings) on a variety of professional topics (CAF model, EFQM model of excellence, ISO, quality tools, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>Public Administration Bodies</li> <li>Professional and laic public</li> </ul>	<ul style="list-style-type: none"> <li>Citizens</li> <li>Public Administration Bodies</li> <li>Private Sector Bodies</li> </ul>
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Development and support of external assessors	<ul style="list-style-type: none"> <li>Providing specialized training for current and future CAF model reviewers and trainers</li> </ul>	<ul style="list-style-type: none"> <li>Experts from Public Administration Bodies</li> </ul>	<ul style="list-style-type: none"> <li>UNMS SR</li> <li>Competitions Contestants</li> <li>Public</li> </ul>
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## CONFERENCE

Organizing the 15<sup>th</sup> International Conference on Quality and Social Responsibility was one of the first activities of the NP. The Conference took place at the Bratislava Hotel from 10 to 11 December 2018. The event was marked by 18 speakers and more than 100 participants from various areas of public administration. The conference traditionally belongs to strategic events and activities of the UNMS SR. The two-day conference programme was a good opportunity for the participants to reflect on quality and social responsibility as the integral part of exceptional organizations. Besides the participants could share their achievements, mistakes and findings related to quality, responsible business or sustainable development.

Scheme No 3: The Conference on Quality and Social Responsibility, 10 – 11 December 2018



## THE NATIONAL QUALITY AWARD OF THE SLOVAK REPUBLIC AND THE NATIONAL AWARD OF THE SLOVAK REPUBLIC FOR SOCIAL RESPONSIBILITY

In 2018, the 19<sup>th</sup> National Quality Award of the Slovak Republic was announced, based on a self-assessment in accordance with the EFQM Model of Excellence and the CAF Model.

The methodology of the competition is in line with the criteria and parameters of the EFQM Award for Excellence and, on the basis of this, allows not only to apply the methodology of complex quality management, but also to compare the performance of domestic and foreign competition through the scoring of criteria through the whole Europe. The goal of the competition is to verify the effectiveness of the organization's activities on the basis of criteria designed to create conditions for long-term prosperity and performance of the organization and employee satisfaction.

Social responsibility is an essential part of corporate culture. It is based on the worthiness, behavior and objectives of the organization, and should be pursued through daily activities.

As part of its activities, the UNMS SR declared the 5<sup>th</sup> annual National Award of the Slovak Republic for Social Responsibility. The competition awards best organizations supporting and actively involved in responsible behavior towards society. The mission of the competition is to engage organizations from the business sector and public administration into promoting and raising the awareness of corporate social responsibility principles, and to acknowledge publicly the organizations that adhere to these principles.

The competition is designed for organizations taking into account the needs of internal and external environments to contribute to sustainable development. These organizations are to be transparent and they help to improve the overall state of society within and beyond economic, environmental and social framework.

The tool for assessing the level of corporate social responsibility is the ZET Model. It is based on the international GRI indicators, ISO 26000 standard, and is consistent with both the EFQM and the CAF self-assessment methodology. The tool for assessing the social responsibility level is the ZET Model. It is based on the international GRI indicators, ISO 26000 Standard, and is consistent with both the self-assessment EFQM model of excellence and CAF methodology.

Both competitions were announced in January 2018. In the first stage, seven info-meetings were organized for candidates for competitors. They were the representatives of organizations from public administration and the business sector, and they were provided with information on the course and methodology of competitions. Organizations that have entered the competitions were rendered training on the EFQM, CAF or ZET model. Contestant organizations drafted the self-assessment reports. Each organization was assigned a team of assessors to carry out an on-site assessment for each participant. The assessments were processed by the assessors as the feedback reports which were also submitted to the competition evaluation committee. The evaluation committee meeting was held on 9 October 2018.

**Table No 13: Overview of Winners of the National Quality Award and the National Award of the Slovak Republic for Social Responsibility**

NATIONAL QUALITY AWARD 2018		
Award	Category of the Competition	Organization
Winner	C	City District Bratislava-Petržalka
Awarded Finalist	C	University of Veterinary Medicine and Pharmacy in Košice
NATIONAL AWARD OF THE SLOVAK REPUBLIC FOR SOCIAL RESPONSIBILITY 2018		
Award	Category of the Competition	Organization
Winner	A	KIA Motors Slovakia, s. r. o.
Winner	B	PASELL SLOVAKIA s. r. o.
Awarded Finalist	C	Faculty of Mechanical Engineering, University of Technology in Košice
Social Responsibility Developing Organization	C	Administrative Region Trenčiansky samosprávny kraj

## THE AWARD FOR BEST CONTRIBUTION AND TOP QUALITY MANAGERS

In May 2018, the 12th annual Award for Best Contribution was declared. The competition evaluated works or contributions from journalists, editors, researchers and graduates devoted to the topic of quality.

Table No 14: Overview of Winners of the Award for Best Journalistic Contribution

Category of Competition	Awarded Finalists in 2018	Title of the Contribution
Best Journalistic Contribution	Zuzana Martináková	Let us ask for Slovak...
Best Professional Contribution	Adriana Galisová	Sustainable quality through the use of effective self-control
Best Scientific Contribution	Ján Závadský Zuzana Závadská	Quality managers and their future technological expectations related to Industry 4.0, Total Quality Management & Business Excellence
Best Dissertation Thesis	No Award	
Best Diploma Thesis	Katarína Fillová	MFARCH, Ltd. readiness analysis. to implement the quality management system in accordance with ISO 9001: 2015

In June 2018, the 16<sup>th</sup> annual Top Quality Manager competition was announced. As stipulated by the rules, both public and private sector organizations could nominate their Quality Managers, Quality Representatives, CAF Model/EFQM Model Methodologists, or Quality Management Employees dealing with Quality Management issues.

Table No 15: Overview of Winners of the Top Quality Manager Competition

Category of Competition	Awarded Top Quality Manager 2018
Top Quality Manager 2018 Private Sector	Radomír Chovanec, QMS manager, U. S. Steel Košice, s. r. o.
Top Quality Manager 2018 Public Administration Sector	Erika Vlašičová, Quality manager, Slovak Hydrometeorological Institute

The award ceremony for the National Quality Award of the Slovak Republic, the National Award of the Slovak Republic for Social Responsibility, the Award for Best Journalistic Contribution, and Top Quality Manager took place in the Historical Building of the National Council on 20 November 2018.

Raising awareness of quality and corporate social responsibility was provided by the UNMS SR not only across all quality activities, but also in a standard way through the respective websites [www.unms.sk](http://www.unms.sk) and [www.npksr.sk](http://www.npksr.sk), where all up-to-date information on upcoming activities was regularly published, including the aforementioned competitions declared by the UNMS SR in the area of quality and social responsibility.

New to the previous year was the establishment of communication line on Facebook. In November the group „Quality in Public Administration“ was set up. At regular intervals the employees of OKPR post contributions about quality activities, work progress in the CAF centre that is being prepared. Interactive, more modern communication in the created group gives the possibility to communicate quickly with members of the group, informing interested parties about the activities of the UNMS SR in the area of quality in a timely manner. In addition to the aforementioned web sites, the Czech-Slovak professional magazine, Quality and Social Responsibility, was also used to promote the activities of the UNMS SR in the area of quality. When compared to the previous year there is a novelty of the Facebook communication link. The group on Public Administration Quality was set up in November. Contributions related to quality activities, work progress at the CAF centre are posted regularly by the OKPR employees. Interactive, more modern communication within the group provides for the possibility to communicate swiftly with the group members, informing interested parties about the UNMS SR activities in the area of quality. In addition to the aforementioned web sites, the Czech-Slovak professional bulletin Quality and Social Responsibility was also utilized for promoting the UNMS SR quality oriented activities.

## 12. Testing, European Affairs and International Relations

*In the area of conformity assessment and testing, the UNMS SR operates as the coordinator of the conformity assessment activities and functions as the authority granting and withdrawing the authorizations and notifications. At the same time it functions as the coordinator of determined products market surveillance bodies activities related to determined products. Notifying the Slovak Authorized Bodies to the European Commission and to the EU Member States enables their functioning in the European conformity assessment system and recognizing their outputs within the EU framework as well as the countries bound by international agreements.*

The Department of Testing and European Affairs (OSEZ) as a professional unit of the UNMS SR is responsible for state policy in the field of conformity assessment and accreditation. The further responsibilities of the Department include coordination of the market surveillance bodies activities in relation to determined products, exchange of information as stipulated by several information procedures, and international cooperation in the field of standardization, metrology and conformity assessment.

The OSaEZ is comprised of:

- the Testing Unit,
- the European Affairs and International Relations Unit.

### LEGISLATION

In 2018, the Act No 55/2018 Coll on the provision of information on technical regulation and on obstacles to free movement of goods repealing the Regulation of the Government of the Slovak Republic No 60/2017 Coll on the procedure, scope and providing information on draft technical regulation was adopted. In the field of conformity assessment area the framework Act No 56/2018 Coll on conformity assessment of the product, making available of a determined product on the market (the Act on Conformity) was adopted. At the same time, the OSaEZ cooperated in drafting legislation in the area of conformity assessment and testing as set out in the legislation Chapter of this Annual Report.

### AUTHORIZATION

Till 31 December 2018 the Testing Unit provided for methodical management of twenty Authorized Bodies under the Act on Conformity. One of these bodies is performing conformity assessment of military weapons, explosives and ammunition according to the NATO standards.

In 2018, the Department issued twelve new decisions on authorization according to the Act on Conformity when the previous decisions on authorization expired or changed as a result of changes in legislation, in the scope of the authorization or changes in the statutory representative of the Authorized Body, expiration of the previous authorization, etc.

Two new entities are currently undergoing the administrative process of authorization, medical devices are the subject of conformity assessment in one case, and approval of personnel in the area of pressure equipment in the second one.

### NOTIFICATION

The Testing Unit provided the notification of the Slovak Authorized Bodies according to the New Approach Directives and to other Member States. As of 31 December 2018 the Slovak Republic had eighteen Notified Bodies, with seventeen Notified Bodies having assigned identification number, and one Notified Body was assigned the RTPO designation to perform the activity in accordance to the Directive No 2014/68/EU of the European Parliament and of the Council of 15 May 2014 on the harmonization of the laws of the Member States relating to the making available on the market of pressure equipment.

## NOTIFIED BODIES WORKING GROUP ACTIVITIES

In 2018, as regards the national level, there were six working groups constituted and operating in line with the statutes. The working groups are dealing with technical issues related to the conformity assessment of products with the aim of securing uniform application of technical provisions of the EU Directives. They are also drafting joint opinions on topics that are dealt with on European level. Experts from respective sectors, surveillance bodies or other state administration bodies are invited to take part in the meetings. A representative of the working group, primarily the Chairman of the Working Group elected by the members in line with the statute, is participating at European meetings titled „Notified Bodies Forum“.

## REPRESENTING THE SLOVAK REPUBLIC IN THE EUROPEAN COMMISSION WORKING GROUPS

The Department representatives represented the Slovak Republic in working groups established for the EC Directives and Regulations as regards the machinery, pyrotechnical products, appliances burning gaseous fuels, medical devices, in vitro diagnostic medical devices, electrical equipment operating within certain voltage, electromagnetic compatibility, radio equipment and telecommunications terminal equipment, personal protective equipment and recreational craft and personal watercraft.

As regards the European level, the Department representatives participated at the meetings of the Committee for Directive (EU) 2015/1535, and at Mutual Recognition Committee. The UNMS SR representatives regularly participate in the activities of the United Nations Economic Commission for Europe, namely the Working Party on Regulatory Cooperation and Standardization (UNECE WP.6) aimed at creating favourable conditions for economic cooperation and improvement of global trade. WP.6 Working Group is a forum for dialogue on a wide range of topics, including technical regulations, standardization, conformity assessment, metrology, market surveillance and risk management. Meetings of the 28th annual session of the UNECE WP.6 were held on 14 – 16 November 2018 in Geneva.

## IMPLEMENTATION OF CONTROL ACTIVITIES

The UNMS SR performed the control activities pursuant to § 13 of the Act on conformity assessment of the product, making available of a determined product on the market, as well as in accordance with Methodological guidance No 8/2016 for the control of Authorized and Notified Bodies under the Act on Technical Requirement for Products and on Conformity Assessment.

Control activity is performed in two modes:

- **CONTROL ACTIVITIES BASED ON MANDATE OF THE PRESIDENT OF THE UNMS SR**

As regards verifying continuous compliance with the requirements of relevant legislation by the Authorized and Notified bodies, there were two inspections carried out pursuant to the Act on conformity assessment of the product, making available of a determined product on the market. In 2018, one Authorized and Notified Body inspection was performed directly at the manufacturer. It was so called witness assessments (inspection of the Authorized Body's activities related to conformity assessment procedures where the controlled entity is involved in the control production phase).

Pursuant to § 24 (1) of the Accreditation Act, the employees of the UNMS SR also carried out one inspection in the SNAS.

According to EU Regulation No 2017/745, one representative of the UNMS SR participated as a national expert at the assessment of an applicant for authorization in Finland that was performed in cooperation with the European Commission.

- **CONTROL ACTIVITIES PERFORMED JOINTLY WITH THE SNAS**

In 2018, the UNMS SR continued in the joint assessment activities performed together with the SNAS. They were aimed at assessing compliance with the requirements for accreditation as regards the authorization and notification purpose. All Authorized and Notified Bodies are

using the STN EN ISO / IEC 17000 standards file to confirm their competence. Pursuant to § 12 (4) of the Act on conformity assessment of the product, making available of a determined product on the market, the assessment of compliance is accomplished by the UNMS SR. In 2018, there were nineteen joint assessments performed, one of these was a joint assessment performed as a witness assessment directly at the manufacturer.

## PERMANENT INTERNATIONAL COMMISSION FOR THE EXAMINATION OF SMALL ARMS (C.I.P.)

The UNMS SR fulfils the function of the national secretariat of C.I.P. and in this context it is focused on application of procedural actions on international and European level. Permanent International Commission for the testing of small arms (C.I.P.) was established to ensure implementation of the intergovernmental Convention on Mutual Recognition Proof Marks Small Arms of 1<sup>st</sup> July, 1969. The Convention is a multilateral agreement of 14 Contracting Parties and its Depositary is the Kingdom of Belgium. More information on C.I.P. is available at the website <http://www.cip-bobp.org/>.

At present there are two Authorized Bodies in the field of weapons and ammunition acting as approved testing houses in the framework of the Convention on the Reciprocal Recognition of Testing Arms and Small Arms.

## EUDAMED

In accordance the Commission Decision No 2010/227/EU of 19 April 2010 on a European databank on medical devices (EUDAMED) the UNMS SR employees provided for records on certificates issued by the Slovak Notified Bodies active in the field of medical devices. This database contains data on registration of medical devices manufacturers, as well as data related to issued, renewed, modified, suspended, withdrawn or refused certificates, data collected in accordance with the vigilance procedure, and data on clinical trials. In the course of 2018, there were entered data on 110 certificates issued by the Slovak Notified Bodies into the database. Of these, there were 67 issued and 43 cancelled certificates.

## DEVELOPMENT PROGRAMME

According to the Methodological Guidance for development of testing, there was one task implemented, focusing on:

- management and updating the website [www.certifikaty.sk](http://www.certifikaty.sk), where the issued EC certificates are published in accordance with the Directive of EP and Council No 2014/32/EU on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments, transposed into the Slovak legislation by the Government Regulation No 145/2016 Coll, and by the Directive of EP and Council No 2014/31/EU on the harmonisation of the laws of the Member States relating to the making available on the market of non-automatic weighing Instruments, transposed into the Slovak legislation by the Regulation of the Government of the Slovak Republic No 126/2016 Coll.

## METHODOLOGICAL GUIDANCES

As regards methodical management and coordination of the activities of Authorized and Notified Bodies, the Methodological Procedure Guidance No 11/2018 on Elaboration and Submission of the Annual Report of Authorized and Notified Bodies activities, came into effect from 17 January 2018.

## EDUCATIONAL EVENTS FOR INTERESTED PUBLIC

With the purpose of increasing legal awareness of interested parties, interested public and professional level of Authorized and Notified Bodies as well as the UNMS SR employees, the Department organized The Testing Day 2018 that was followed by the professional seminar in the area of market surveillance in relation to determined products. At this occasion, two representatives of the Department, two Market Surveillance Bodies representatives, and fourteen Authorized and Notified Bodies representatives gave their presentations.

The UNMS SR representatives also participated as lecturers at the seminar titled “Technical Equipment Safety”. Within the trainings at the SNAS, the Department representative informed on authorization and notification obligations. The trainings were destined for leading assessors, assessors and experts operating in accordance with following standards: STN EN ISO/IEC 17020, STN EN ISO/IEC 17021, STN EN ISO/IEC 17024, STN EN ISO/IEC 17025, STN EN ISO/IEC 17065.

## OVERVIEW OF TESTING SECTION ACTIVITIES

Table No 16: Overview of Testing Section activities

	2012	2013	2014	2015	2016	2017	2018
Number of Authorized Bodies	25	24	21	22	18	20	20
Issuing New Decisions on Authorisation	13	9	8	9	21	4	12
Granting Authorisation for New Subjects	1	0	0	0	0	0	0
Authorisation Revoking/Terminating	2	2	1	0	3	0	0
Number of Notified Bodies	24	23	20	21	17	18	18
(EU) Directives Transposition and (EU) Regulations Implementation (EÚ)	1	1	1	4	9	5	10
Control of Authorized/Notified Bodies Activities	8	19	21	27	25	23	22
Organizing the Seminars	1	0	2	2	5	8	3

## THE COMPLEX ENQUIRY POINT

The Complex Enquiry Point established at the UNMS SR functions as the only contact point in the Slovak Republic responsible for the exchange of information stipulated by several procedures issuing from the European legislation as well as international agreements by which the Slovak Republic is bound in the area of preventing technical barriers to trade and facilitating free movement of goods, respectively. The Enquiry Point provides for following activities:

- The Central Unit for the Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services. This Directive sets up a procedure, where the drafts on technical regulations in the non-harmonized area are the subject to notification procedure from the Commission, the EU Member States, the Member States of the European Free Trade Association and Turkey. The procedure for the provision of information on drafts of technical regulations is one of the most important means of preventing obstacles to the free movement of goods.

In the course of 2018 the Slovak Republic notified to the European Commission 15 drafts of national technical regulations as follows: three by the Ministry of Transport and Construction of the Slovak Republic, three by the Ministry of Finance of the Slovak Republic, two by the Ministry of Economy of the Slovak Republic, one by the Nuclear Regulatory Authority of the Slovak Republic, four by the Slovak Office of Standards, Metrology and Testing, one by the Ministry of Agriculture and Regional Development of the Slovak Republic and one by the Ministry of Interior of the Slovak Republic. Out of total number of the notifications, two notifications passed the notification procedure without any comments. Two notifications were commented by the European Commission or the Member States, and the request for supplementary information was received in relation to two notifications.

The Slovak Republic submitted comments on one notification of the EU Member State, and there was one detailed opinion submitted to the notification of the EU Member State. In the course of the year the department has also actively cooperated with the Committee for Technical Regulations of the Legislative Council of the Slovak Government. The UNMS SR representative regularly drafted submissions containing opinions on the necessity to submit or not to submit a respective draft law under consideration by the Commission to the notification procedure.

- National Product Contact Point according to Regulation (EC) No 764/2008 of the European Parliament and of the Council of 9 July 2008 laying down procedures relating to the application of certain national technical rules to products lawfully marketed in another Member State and repealing Decision No 3052/95/EC.

In 2018, National Product Contact Point recorded 56 enquires. They were submitted both by domestic and foreign bodies. The information was provided also via numerous telephone calls.

- Council Regulation (EC) No 2679/98 on the functioning of the internal market in relation to the free movement of goods among Member States (Regulation No 2679/98) under which the EU Member States are obliged to notify all transport restrictions at their territories that could disrupt the free movement of goods.
- National Enquiry Point established in accordance with World Trade Organization Agreement on Technical Barriers to Trade (TBT WTO) and World Trade Organization Agreement on the Application of Sanitary and Phytosanitary Measures (SPS WTO).

**Table No 17: Number of notifications processed according to respective information obligations**

Central Unit for Directive (EU) 2015/1535	2013	2014	2015	2016	2017	2017
Number of technical regulations notified under the Directive (EU) 2015/1535	734	691	776	757	726	713
– of these, number of notified Slovak technical regulations	33	23	35	12	35	15
Number of all messages dispatched under the Directive (EU) 2015/1535	4 529	4 908	5 369	5 431	4 784	4 798
– the total number of notification communications dispatched by the Central Unit	200	197	220	243	181	175
Number of Slovak comments related to notified technical regulations	51	8	13	7	4	2
Number of consultations on the Directive (EU) 2015/1535	22	30	27	21	23	18
<b>Product Contact Point according to Regulation (EC) No 764/2008</b>						
Number of enquiries	115	82	37	56	48	56

Contact Point for Regulation 2679/98						
Number of notifications	308	331	432	386	436	356
World Trade Organization National Enquiry Point						
Number of notifications under the TBT WTO Agreement	1 592	1 516	1 147	1 445	1 794	2 085
Number of notifications under the SPS WTO Agreement	979	1 169	1 029	973	924	1 202

## INTERNATIONAL COOPERATION

In 2018, the UNMS SR representatives participated in several meetings of the Mixed and Intergovernmental Commissions for Business and Economic and Scientific Cooperation in the field of Standardization, Metrology and Conformity Assessment:

- The 7<sup>th</sup> Meeting of the Intergovernmental Commission for Economic and Scientific-Technical Cooperation between the Slovak Republic and the Republic of Kazakhstan which took place on 10 – 11 April 2018 in Bratislava. The Slovak party was represented by the Slovak Office of Standards, Metrology and Testing, the Slovak Legal Metrology, and the SMÚ. The Republic of Kazakhstan delegation was comprised of the representatives of the Kazakh Institute of Metrology (KazIn-Metr). The Parties signed the Protocol and agreed on further cooperation.
- The 19<sup>th</sup> Meeting of the Intergovernmental Commission for Economic, Scientific and Technical Cooperation between the Slovak Republic and the Russian Federation was held within the framework of the 5<sup>th</sup> meeting of the Working Group on Standardization, Metrology and Conformity Assessment. The meeting took place on 15 – 16 October 2018 in Tatranská Lomnica. The Slovak party was represented by the Slovak Office of Standards, Metrology and Testing, the TSU Piešťany, the SMÚ, and the Matej Bel University in Banská Bystrica. The Russian Federation delegation was comprised of the representatives of the Federal Agency on Technical Regulation and Metrology (Rosstandard), the FSUE Standartinform of the Rosstandard, the FSUE D.I. Mendeleyev Institute for Metrology, and the Academy for Standardization, Metrology and Certification. The Parties signed the Protocol and agreed on further cooperation.

## PREPARATION OF THE SLOVAK PRESIDENCY OF THE VISEGRAD GROUP

Since 2017, the European Affairs and International Relations Unit has participated in the preparation of the Slovak Presidency of the Visegrad Group (SK V4 PRES) under the leadership by the Ministry of Foreign Affairs and International Relations of the Slovak Republic. The preparations culminated mainly during the year 2018. The UNMS SR, as the cooperating resort has participated in several interdepartmental coordination meetings which took place on 19 October 2017 and 5 June 2018, respectively, at the premises of the Ministry of Foreign Affairs and International Relations of the Slovak Republic. They were aimed at launching, logistics and interdepartmental coordination for preparation SK V4 PRES. The results included:

- Preparation of the SK V4 PRES Programme 07/2018 – 06/2019,
- Creation of the on-line Google SK V4 PRES calendar shared interdepartmentally and including all pertaining events. The calendar is published on-line and accessible at the domain: [www.mzv.sk](http://www.mzv.sk). The address created for the UNMS SR is: [unms.skv4pres@gmail.com](mailto:unms.skv4pres@gmail.com),
- Preparation and creation of SK V4 PRES presentation strategy within which the official SK V4 PRES logo was created.

## PREPARATION OF THE MULTIANNUAL FINANCIAL FRAMEWORK FOR 2021 – 2027

Since 2017 the European Affairs and International Relations Unit has participated in preparation of the framework position of the Slovak Republic for the Multiannual Financial Framework 2021 – 2027 (MFF 2021-2027) under the auspices of the Ministry of Foreign Affairs and International Relations of the Slovak Republic. The UNMS SR, as a coordinating resort has participated in several interdepartmental coordination meetings which took place on 10 May 2018, 22 June 2018, and 17 October 2018, respectively, at the premises of the Ministry of Foreign Affairs and International Relations of the Slovak Republic. The Slovak framework position contains the principal priorities and important positions for the MFF 2021-2027 negotiations which respond to the proposals of the European Commission, and are based on the material titled "Slovak Republic Basis related to the EU Multiannual Financial Framework after 2020", approved by the Resolution of the Government of the Slovak Republic No 133 of 28 March 2018.

## PREPARATION OF THE OPINIONS OF THE SLOVAK REPUBLIC WITHIN THE WORKING GROUPS OF THE COUNCIL

In 2018 the Department representatives participated in drafting the opinions and positions related to following EU legal Acts:

- draft on the position to be adopted, on behalf of the European Union, within the EEA Joint Committee concerning an amendment to Annex II (Technical regulations, standards, testing and certification) to the EEA Agreement,
- draft on Proposal for a Regulation of the European Parliament and of the Council laying down rules and procedures for compliance with and enforcement of Union harmonisation legislation on products,
- draft on Proposal for a Regulation of the European Parliament and of the Council on the mutual recognition of goods lawfully marketed in another Member State,
- draft on Proposal for a Regulation of the European Parliament and of the Council establishing the Programme for single market, competitiveness of enterprises, including small and medium-sized enterprises, and European statistics,
- draft on Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions The annual Union work programme for European standardisation for 2019,
- draft on Report from the Commission to the European Parliament and the Council on the operation of the Radio Equipment Directive 2014/53/EU.

## DEPARTMENTAL COORDINATION GROUP OF THE UNMS SR

The main task of the Departmental Coordination Group (RKS) is preparation of „preliminary opinion“, „position“ as well as draft „instruction“ and „position of the Slovak Republic“ for the representatives of the Slovak Republic in the EU institutions in the areas under the responsibility of the UNMS SR. In 2018, three meetings of the RKS were carried out by correspondence (in writing) – in the per rollam mode. They were related to the Regulation on the Mutual Recognition draft.

## 13. Slovak Institute of Metrology

*The Slovak Institute of Metrology (the SMU) is a national metrology organization which primarily provides activities in the field of fundamental metrology, namely research, development and maintenance of national standards, realisation of the values of national standards to standards according to the needs of the Slovak Republic's economy so they would form the basis for validation of measurements at national and international level, approves the types of defined measuring instruments and provides services at the highest metrological level in the Slovak Republic.*

### SMU'S POSITION

As a state administration body in the field of metrology, the SMU coordinated, ensured and performed the activities in the scope defined by Article 32 of Act No 142/2000 Coll on Metrology as amended and supplemented by certain acts.

Based on the Act No 157/2018 Coll on Metrology as amended and supplemented by certain acts, the position of the SMU has changed since the effective date of this Act, namely that the SMU is no longer a state administration body, however it is established under this Act.

As a national metrology organization in the field of metrology, the SMU coordinated, ensured and performed acts and activities in the scope defined by Article 6 of Act No 157/2018 Coll on Metrology as amended and supplemented by certain acts.

### NATIONAL STANDARDS

In 2018, the SMU placed great emphasis on ensuring the maintenance, development and international comparison of national standards, measurement units and their scales and the realisation of their values to standards and other scales. The international acceptance of national standards has been confirmed on the basis of comparative measurements carried out at the BIPM, the Regional Metrology Organization of the European Association of National Metrology Institutes (hereinafter „EURAMET“) or the Euro-Asian Cooperation of National Metrological Institutions (hereinafter „COOMET“) and documented by records in the CMC Tables. The process was managed by the BIPM's top body. In 2018, the SMU maintained 29 national standards and 5 other standards.

### CERTIFICATION AND CONFORMITY ASSESSMENT

The Certification Department coordinated, ensured and performed the tasks of the SMU as a national metrology institution in the field of metrological control, conformity assessment and capability verification. The certification body of the SMU for product certification is accredited by the SNAS according to STN EN ISO / IEC 17065: 2013 Conformity assessment. Requirements for bodies certifying product, processes and service

The SMU is an authorized entity of SKTC 102 and the notified body No 1781 in the area of conformity assessment pursuant to the Government Ordinance of the Slovak Republic No 126/2016 Coll, to the making available on the market of non-automatic weighing instruments and Government Ordinance of the Slovak Republic No 145/2016 Coll, to the making available on the market of measuring instruments. The notified body for product certification carries out the conformity assessment of measuring instruments in the scope specified in Table No 18.

**Table No 18: Conformity Assessment of Measuring Instruments**

TYPE OF MEASURING INSTRUMENT	CONFORMITY ASSESSMENT PROCEDURES (MODULES)
Water meters	B, F, D, H1
Gas meters and gas volume converters	B, F, D, H1
Electrometers	B, F, D, H1
Heat meters	B, F, D
Measuring sets for continuous and dynamic measurement of liquid quantity except water	B, F, G, D
Materialised measures, tapping vessels	D1
Scales with non-automatic activity	F

## QUALITY MANAGEMENT SYSTEM

On 11 May 2018, the certification body ELBACERT carried out a re-certification audit according to STN EN ISO 9001: 2016 Quality Management Systems, focused on the entire field of activities. The audit results show that the Quality Management System (hereinafter “QMS”) is implemented and functional. The QMS area covers ensuring realisation, maintenance, development and international comparison of national standards and transfer of unit values to measuring instruments, preparation and certification of reference materials, approval of specified meter types and their verification, conformity assessment, meter testing, metrology capability testing of individuals by means of exams, training in metrology.

The OM Testing Laboratory Department is accredited according to the requirements of STN EN ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories. The laboratories have a proven traceability to national standards realising measuring units in accordance with the SI International System of Units and calibration certificates are issued in accordance with the Agreement on Mutual Recognition of National Standards, Calibration Certificates and Measurement Results issued by National Metrology Institutes (MRAs).

Based on the results of international comparative measurements, the calibration and measurement capabilities are listed in the CMC tables recognized by the national metrology institutes and accreditation bodies represented in the ILAC (International Laboratory Accreditation Cooperation). Currently, the SMU has 378 entries recorded in the CMC tables.

## PROVISION OF METROLOGICAL SERVICES

Pursuant to Article 6 Section 2 of Act No 157/2018 Coll on Metrology as amended and supplemented by certain acts the SMU carries out and ensures maintenance and realisation of standard values to other measuring instruments used in the economy, approves the type of the designated measuring instrument, verifies the measuring instrument, calibrates the gauge subject to obligatory calibration and other measuring instruments and performs official measurement. The values of standards are realised through verification and calibration of measuring instruments or certified reference materials.

In 2018, the SMU provided also the services of measuring instruments testing, services pursuant to Article 16, Section 6 of Act No 157/2018 Coll as well as professional metrology services and other specific metrology services. The SMU continued to expand its portfolio of metrological services, particularly in the areas of mass metrology and length, time and frequency metrology. For the purpose of strengthening these activities, also the headcount needs for performance of these activities were strengthened. The SMU has been constantly adapting the structure and portfolio of its metrology to market needs while maintaining the highest accuracy of these measurements.

## HANDOVER OF KNOWLEDGE INTO PRACTICE AND ORGANIZING OF TRAINING COURSES

The SMU provides and performs education in two ways: for the needs of the economic practice and for its own employees.

Expert metrology courses for external participants are focused on the issues of verification and installation of designated measuring instruments, as well as on the performance of official measurement, calibration of measuring instruments and quality management system. During the monitored period, the training centre held 68 professional courses, seminars and 3 consultations, attended by 1 217 participants, while some were attended also by SMU employees. The greatest interest was shown in the professional courses „Interpretation of ISO/IEC 17025: 2017“ and „Act No 157/2018 Coll on Metrology as amended and supplemented by certain acts“.

The training of our employees focused mainly on increasing professional readiness in the field of national standards, gaining up-to-date knowledge related to legislative issues, improving the language command, improving the quality management system and deepening the knowledge in the field of occupational safety and health.

## INTERNATIONAL ACTIVITIES

In 2018, international activities were aimed at participation at the meetings of the BIPM, EURAMET and COOMET Advisory Committees within the framework of mutual cooperation.

At the same time, the SMU was also involved in international comparative measurements organized by international metrology institutions.

In addition to these activities, the SMU representatives attended workshops and meetings within the relevant organizational units of international metrology organizations such as BIPM, EURAMET, COOMET, DUNAMET, WELMEC.

In 2018, representatives of the SMU attended the 26<sup>th</sup> session of the General Conference on Measurements and Weights in Versailles. A re-definition of four basic SI units (kilogram, ampere, Kelvin and mole) and a new formulation of the other three units (second, meter and candela) with effect from 20 May 2019 was approved at the meeting. All basic units are thus firmly connected to the selected physical and technical constants.

## METROLOGICAL RESEARCH

In 2018, international cooperation of the SMU in the field of metrological research was carried out mainly through participation in the European Metrology Programme for Innovation and Research (hereinafter “EMPIR”), which is financed by the EU grant funds. EURAMET is responsible for development and implementation of the programme. In 2018, 2 EMPIR projects were implemented in which the SMU is a member of an international consortium of consultants, while EMPIR projects with SMU participation were not terminated this year:

- EMPIR 16RTP03 inTENSE project focuses on the issue of intraocular pressure measurement,
- EMPIR 17RPT01 project DOSEtrace is dedicated to research activities focused on dosimetry for radiation protection.

As a member of the consortium of consultants, in 2018 the SMU applied for 2 EMPIR projects under Call 2018. Specifically, the projects SRT-r01 (Developing an Infrastructure for Improved and Harmonised Metrological Checks of Blood-pressure Measurements in Europe) and SRT-s13 (Realising the Re-defined Kelvin). Both projects were approved for funding from the EMPIR project programme and their launch is expected in 2019.

In 2018, the SMU was involved in two national projects under the auspices of the Slovak Research and Development Agency:

- APVV-15-0017: project is aimed at building a secondary standard Rn-222 in air and water to ensure metrological traceability for workplaces dealing with measuring Rn-222 in environmental samples. At the same time, the project addresses the construction of a primary standard of radionuclide activity. The principal solver of the project is the SMU, the co-solver is the Faculty of Mathematics, Physics and Informatics of the Comenius University in Bratislava,
- APVV-15-0295: project is focused on the development of mathematical-statistical methods and algorithms for measurement evaluation with the emphasis on development of models and methods in the area of multidimensional calibration of measuring instruments and methods and algorithms for determination of measurement uncertainties by determining probability distributions of measurement results. The principal solver of the project is the Institute of Measurement of the Slovak Academy of Sciences, the SMU is the co-solver.

In 2018, the SMU participated in the general call for projects APVV 2018 entitled „Adaptation of the New Definition of the Physical Unit of Thermodynamic Temperature Kelvin in SR (And-K)”. Evaluation of applications is expected at Q2 2019.

## FINANCIAL MANAGEMENT

In 2018, the contributory organization was financed from a state budget contribution, own resources, sources from abroad. The SMU budgets and monitors the income and expenses from business activities within its own funds separately.

By 30 June 2018, the SMU had been established by a founding document and since 1 July 2018 it has been a contributory organization established by Act No 157/2018 Coll on Metrology as amended and supplemented by certain acts as a national metrology institution.

The contract concluded between the Slovak Office of Standards, Metrology and Testing of the Slovak Republic (UNMS SR) and the SMU specifies the tasks in the field of maintenance of national standards of the Slovak Republic as well as other tasks resulting from the Metrology Act. The tasks performed represented the priority areas of the state's interest, which was also expressed by the manner of their financing, i.e. participation of the state in the payment of expenses incurred as a result of their performance (in part or in full).

Besides the above tasks, the SMU ensured from its own resources and other funds the following:

- provision of metrology services,
- transfer of metrological knowledge into practice,
- certification, conformity assessment and quality tasks,
- tasks of the state administration in the field of metrology,
- rental of property (business activity).

An overview of the SMU financing structure in 2018 is outlined in Table No 19.

In accordance with the applicable regulations, the SMU divides costs and revenues into the main activity and business activity. The most significant revenue item was represented by revenues from own performances. Revenues from the main activity consisted of provision of metrology services and sale of certified reference materials, payroll costs and statutory social and health insurance costs were the most significant cost item. The business activities involved mainly revenues from rental of assets and re-invoicing of utilities and the most significant cost item were the services procured.

Table No 19: Structure of SMU Financing in 2018

<b>BUDGETARY FUNDS</b>				
Source of Financing	EC	Budget	Utilization as at 31 December 2018	% Budget Utilization
Contribution of the Slovak Republic – source 111	610	360 235.77	360 235.77	100.00
	620	150 744.03	150 744.03	100.00
	630	288 038.60	288 038.60	100.00
	640	981.60	981.60	100.00
<b>Total source 111</b>		<b>800 000.00</b>	<b>800 000.00</b>	<b>100.00</b>
<b>OWN FUNDS BESIDES BUSINESS ACTIVITIES</b>				
Source of Financing	EC	Budget	Utilization as at 31 December 2018	% Budget Utilization
Own funds – source 46	610	769 700.00	755 982.67	98.22
	620	302 500.00	294 073.83	97.21
	630	1 279 300.00	1 184 503.70	97.21
	640	4 500.00	3 166.23	70.36
Capital expenditures – source 46	710	74 100.00	74 076.20	99.97
<b>Total source 46</b>		<b>2 430 100.00</b>	<b>2 311 802.63</b>	<b>95.13</b>
<b>OTHER FUNDS FROM ABROAD</b>				
Source of Financing	EC	Budget	Utilization as at 31 December 2018	% Budget Utilization
Funds from EURAMET – source 35	610	6 900.00	5 753.90	83.39
	620	2 600.00	2 011.00	77.35
	630	19 300.00	22 773.18	118.00
<b>Total source 35</b>		<b>28 800.00</b>	<b>30 538.08</b>	<b>106.04</b>
<b>FUNDS FROM OTHER BUDGETARY CHAPTERS</b>				
Source of Financing	EC	Budget	Utilization as at 31 December 2018	% Budget Utilization
Funds from APVV – source 14	610	13 500.00	13 500.00	100.00
	620	4 745.00	4 745.00	100.00
	630	27 402.00	27 398.26	99.99
<b>Total source 14</b>		<b>45 647.00</b>	<b>45 643.26</b>	<b>99.99</b>
<b>OWN FUNDS – BUSINESS ACTIVITY</b>				
Source of Financing	EC	Budget	Utilization as at 31 December 2018	% Budget Utilization
Current expenditures – business activity – source 46	610	21 650.00	20 253.01	93.55
	620	7 250.00	7 114.56	98.13
	630	176 900.00	176 795.35	99.94
<b>Total source 46 business activity</b>		<b>205 800.00</b>	<b>204 162.92</b>	<b>99.20</b>
<b>CURRENT AND CAPITAL EXPENDITURES</b>				
Current expenditures ZF111 + 46 except business activity + 35 + 14		3 230 447.00	3 113 907.77	96.39
Current expenditures – business activity – financing source 46		205 800.00	204 162.92	99.20
Capital expenditures – own funds – financing source 46		74 100.00	74 076.20	99.97
<b>Total Expenditures</b>		<b>3 510 347.00</b>	<b>3 392 146.89</b>	<b>96.63</b>

# 14. Technical Testing Institute Piešťany, š. p.

*TSU Piešťany is the state-owned enterprise within founding competence of the Slovak Office of Standards, Metrology and Testing on the basis of the Act No 111/1990 Coll on the state enterprise. From the economical point of view, it is a business enterprise which does not spend public funds from the state budget. It operates as an independent certification, testing and inspection body for conformity assessment of products related to machinery and consumer goods as well as for attestation of conformity of construction products. It ensures certification of quality management systems, certification of persons, verification and calibration of several kinds of measuring instruments.*

TSU Piešťany is a state enterprise within founding competence of the UNMS SR on the basis of Act No 111/1990 Coll about the state enterprise. From the economic point of view, it is a business subject without drawing public funds from the state budget.

It is an independent certification, testing and inspection body for conformity assessment of engineering products, consumer goods and for the demonstration of conformity of construction products.

It ensures certification of quality management systems, certification of persons, verification and calibration of several kinds of measuring instruments.

TSU Piešťany has been providing services for producers and importers of machinery, electro technical products, construction products, gas appliances, products of metal-working industry, medical products and consumer goods for more than 65 years.

In 2018, TSU Piešťany sustained its national and international position despite strong competition. This positive development is the result of proper management of the enterprise with a focus on maintaining and improving the high professional level of employees and implementation of new projects to ensure its further development as well as increasing customer satisfaction and confidence.

TSU Piešťany has an established and implemented quality management system in accordance with the requirements of the standard STN EN ISO 9001:2015.

TSU Piešťany is the Notified Body of EU under the identification number 1299 for following directives and regulations:

- 92/42/EHS Efficiency requirements for new hot-water boilers fired with liquid or gaseous fuels,
- 2014/68/EU Pressure equipment,
- 2000/14/ES Noise emissions in the environment by equipment for use outdoors,
- 2014/30/EU Electromagnetic compatibility,
- 2006/42/ES Machinery,
- 2014/29/EU Simple pressure vessels,
- 2016/426 Appliances burning gaseous fuels (Regulation of the EP and of the Council),
- 2009/48/ES Safety of toys,
- 305/2011 Construction products (Regulation of the EP and of the Council),
- 2014/53/EU Radio equipment.

## AUTHORIZATION

- according to the Act No 56/2018 Coll on the conformity assessment of the product, making the designated product available on the market and amending and supplementing certain Acts as SKTC-104 authorized by the Slovak Office of Standard, Metrology and Testing,
- according to the Act No 133/2013 Coll on construction products and on changes and supplements to some acts by the Ministry of Transport and Construction of the Slovak Republic,
- verification of water flow meters, sound level meters and integrating sound level meters, bandpass filters, measuring microphones, personal sound exposure meters, acoustic calibrators. Verification mark M 47 by the Slovak Office of Standard, Metrology and Testing,

- verification of torque wrenches. Verification mark M 65 by the Slovak Office of Standard, Metrology and Testing,
- verification of tire pressure gauges for motor vehicle tires. Verification mark M 91 by the Slovak Office of Standard, Metrology and Testing.

## MANDATE

- Expert assessment of gaming machines, of their pay-out and technical devices and terminals according to Act No 171/2005 Coll on gambling and on changes and supplements to some acts, with the mandate of the Slovak Ministry of Finance.
- Testing, examination and coding of packaging for the transport of dangerous goods by the un-code according to international regulations ADR, RID, IATA, IMDG-Code, RTDG, with the mandate of the Slovak Ministry of Transport and Construction.
- Verification of the fulfilment of requirements on safety of technical equipment according to §14 section 1 of Act No 124/2006 Coll on occupational safety and health and on changes and supplements to some acts with the mandate of the Slovak National Labour Inspectorate (OPO-0001/2010).
- Testing and certification of transport equipment according to international “Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage” (ATP), with the mandate of the Slovak Ministry of Transport and Construction.
- Certification of solar thermal collectors and systems under the license agreement with DIN CERTCO (subcontractor of CEN) in the SOLAR KEYMARK system (ID029).

## ACCREDITATION

Table No 20: National accreditation (Slovak National Accreditation Service)

<b>TSU Testing Body</b>	S-047	valid until 14 September 2023
TSU Metrological Laboratory	K-021	valid until 10 October 2019
<b>TSU Certification Body Certifying Products</b>	P-018	valid until 18 December 2020
Certification Body of Quality Management Systems CERTITECH	Q-007	valid until 15 October 2023
Certification Body of Persons CERTICOS	O-018	valid until 12 October 2021
TSU Inspection Body	I-007	valid until 15 October 2023

## PROFESSIONAL AND SPECIALIZED SERVICES

### TESTING

- tests of mechanical and electrical safety,
- measurement of thermal performance of solar thermal collectors,
- balancing of rotary parts,
- dynamical tests of sinus vibrations, random broadband vibrations, shocks of products for the automotive and electro technical industry,
- testing of hydraulic and energetic characteristics of pumps (ECO design),
- testing of pressure fire hoses,

- infrared thermography diagnostics:
  - check of insulation performance of refrigeration and freezing warehouses, buildings and transport means,
  - checking the status of electrical and mechanical equipment (electrical switchboards, compressors, motors, air conditioners, boilers, etc.) as a preventive diagnostics of faults and fire prevention,
  - finding structural defects on buildings (insufficient or incorrect application of fillers or sealants, roofing damage, etc.),
- measurement of noise and vibrations in the working and living environment,
- determination of mechanical vibrations of hand tools, machines and household appliances,
- tests of stability and functionality by thermal cycles of engineering products in the thermostatic chamber,
- tests of corrosion resistance and surface finish in artificial atmospheres,
- material ageing tests in artificial atmospheres by UV radiation,
- environmental tests of products (temperature, humidity),
- tests of resistance to internal pressure of CO<sub>2</sub> compressors,
- strength tests of crimp connections of cable harnesses,
- tests of radio equipment,
- performance measurement in Stand-by-mode using the control system AK 4000,
- development of information systems for testing, metrology and certification activities,
- education and training according to professional specialization - internal/external,
- annual inspection of children's playgrounds.

## METROLOGY

TSU Piešťany carries out the calibration of following measuring instruments:

- length – end gauges, calipers, micrometers, dial and lever deviation meters, double-contact gap measures, fixed and folding internal micrometers, cylindrical calibres, measuring wires for threads, feeler gauges, line gauges and tape measures,
- pressure – manometers, vacuum meters, pressure sensors, indication, registration and differential pressure gauges,
- torque – torque wrenches torsion and diffraction (signal), devices for torque wrenches control and torque sensors,
- force – force transducers (pressure, tensile force),
- electric quantities – voltage, current, resistance, oscilloscopes, generators,
- temperature – resistance and thermoelectric temperature sensors type J, K, L, M, T, thermometers with analogue and digital output, infrared heat radiation measurement (-30°C to 550°C),
- mechanical vibration – vibration meters and mechanical vibration sensors, calibrators of mechanical vibrations,
- acoustic pressure – sound level meters and integrating sound level meters, band-pass filters, measuring microphones, acoustic calibrators, personal sound level meters,
- water flow – water meters and quantity flow meters for hot and cold water,
- relative humidity – relative humidity gauges,
- weight – non-automatic weighing instruments.

## FINANCIAL RESULTS

TSU Piešťany has paid its needs and costs solely from its business activities for many years. Since 1999, it has not been funded by any subsidies or other means from the state budget.

On the date of 31<sup>st</sup> December 2018, the volume of revenues reached the amount of € 4 194 064. Compared to 2017, the revenues increased by 23.22 %. The highest share of income are revenues from the field of testing, certification, metrology and management systems totalling € 4 050 745.

Expenses in 2018 amounted to € 3 402 520. Compared to 2017, the expenses increased by 7.5 %. The most important issues among the expenses were personnel expenses, costs for services, depreciation of assets and income tax expenses.

Trade receivables on the date of 31<sup>st</sup> December 2018 amounted to € 414 800, including € 347 670 receivable within due date, € 78 538 overdue.

Trade payables on the date of 31<sup>st</sup> December 2018 amounted to € 224 438. All commitments were in the due time.

## PERSONNEL INFORMATION

Evidence number of employees in natural persons on the date of 31<sup>st</sup> December 2018 was 77, including 21 women.

Human capital is one of the most important factors of competitiveness, and therefore the main objective of personnel policy of TSU Piešťany is the acquirement of the employees with professional qualities, as well as their stabilization and development. Training of employees is carried out according to the current needs for professional and language skills.



## 15. Slovak Legal Metrology

*Slovak Legal Metrology, non-profit organization (SLM, n.o.) performs generally beneficial services under the Act No 213/1997 Coll on non-profit organizations providing generally beneficial services as later amended focusing on research, development, scientific and technical services and information services and execution of metrological control of measuring instruments in compliance with § 9 of the Law of metrology.*

SLM as the “Designated Organization” under the Act No 157/20018 Coll on metrology as later amended mediates transfer of units and scale values from national standards to standards used for verification of measuring instruments and for designated measuring instruments.

### DEVELOPMENT OF METROLOGY

SLM provides metrological services of verification, calibration, measuring instrument testing and measurement in five metrology workplaces; executes generally beneficial services in regulated area of metrology under the Law of metrology, the Law on technical requirements for products and conformity assessment and the Government Ordinance of the Slovak Republic No 145/2016 Coll relating to the making available on the market of measuring instruments, Government Ordinance of the Slovak Republic No 126/2016 Coll on making available on the market of non-automatic weighing instruments and Government Ordinance of the Slovak Republic No 582/2008 Coll which establishes details on technical requirements and conformity assessment procedures on medical devices as amended by the Government Ordinance No 215/2013 Coll.

SLM is the Authorized Body No SKTC 177 and Notified Body No 1432 for the field of the products conformity assessment in accordance with Government Ordinance of the Slovak Republic No 126/2016 Coll on making available on the market of non-automatic weighing instruments (Directive 2014/31EU) and Government Ordinance of the Slovak Republic No 145/2016 relating to the making available on the market of measuring instruments (Directive 2014/32/EU). Products certification body assures the activities concerning conformity assessment of the measuring instruments and non-automatic weighing instruments to the extent specified in Table No 21.

Table No 21: Scope of Notification for Conformity Assessment

SR Government Ordinance	Type of Measuring Instrument	Conformity Assessment Procedure (Module)
SR Government Ordinance No 126/2016 Coll (Directive 2014/31/EU)	Non-automatic Weighing Instruments	B, D, D1, F, F1, G
SR Government Ordinance No 145/2016 Coll (Directive 2014/32/EU)	Water Meters (MI-001)	B, D, F, H1
	Gas Meters and Volume Conversion Devices (MI-002)	B, D, F, H1
	Active Electrical Energy Meters (MI-003)	B, D, F, H1
	Thermal Energy Meters (MI-004)	B, D, F, H1
	Measuring Systems for the Continuous and Dynamic Measurement for Quantities of Liquids Other Than Water (MI-005)	B, D, F, G, H1
	Automatic Weighing Instruments (MI-006)	B, D, D1, E, F, F1, G, H1
	Taximeters (MI-007)	B, D, F, H1
	Capacity Serving Measures (MI-008)	A2, B, D, D1, E, E1, F1, H
	Exhaust Gas Analysers (MI-010)	B, D, F, H1

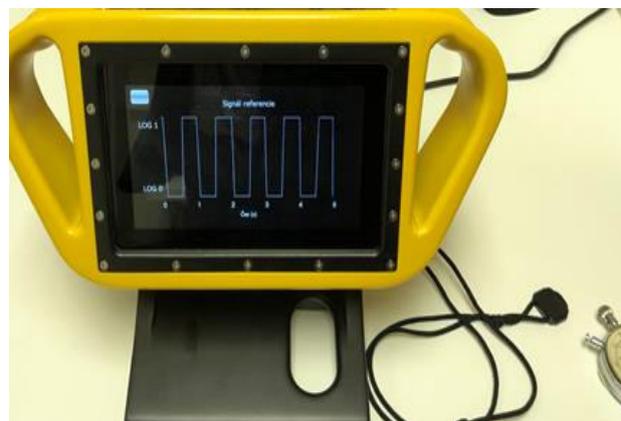
SLM offers metrological activities and services also beyond the scope of accreditation. Non-accredited activities as well as accredited activities are carried out in accordance with the requirements of STN EN ISO/IEC 17025. SLM, being aware of the need for continuous improvement and development of basic metrology infrastructure and measurement methods, focuses on handling development tasks funded with its own resources. For 2018, according to the SLM Work Plan approved by the Management Board, nine implementation tasks were addressed. In addition to these tasks, SLM, in collaboration with the Faculty of Mechanical Engineering of the University of Žilina and the Faculty of Mechanical Engineering of the Slovak University of Technology in Bratislava, continued to solve the task called “Innovative Technologies in the Field of Calibration and Verification of Measuring Devices” that is co-funded with the Slovak Research and Development Agency (SRDA). The project has been addressed since 2016 with a planned completion in 2018 and contains six specific objectives:

1. Ensuring metrological traceability of automatic level meters – magnetostrictive, capacitive and guided wave radar level gauges.
2. Ensuring metrological traceability of axle, hanging non-automatic weighing instruments and force sensors.
3. Increase of measurement accuracy in terms of metrological traceability of float level gauges.
4. Increase of accuracy and automation of measurement system for verification of measuring instruments for free surface flowing water volume.
5. Software solutions for improving the efficiency of activities of verification, calibration of non-automatic and automatic weighing instruments and weights of all accuracy classes.
6. Reduction of measurement uncertainty by introducing continuous measurements at the triple point of water.

The solution plan for the relevant year has been fulfilled and the funds have been exhausted. On the basis of the solution, the Final Report has been processed and sent to SRDA.

One of the tasks addressed for increasing the quality of metrological assurance was to innovate the method of time-measuring instruments calibration by direct method. The subject of measurement was the measurement system that allows calibration of all types of mechanically triggerable time-measuring instruments using solenoid actuators. Such instruments are not commercially manufactured and generally available, therefore a unique device was developed and constructed by the SLM personnel.

**Photo No 1: Device for direct-method calibration of stopwatch**



Significant expansion of services occurred in the area of personal dosimetry, which represents official measurement of personal dosimetric quantities and calibration of thermoluminescent dosimeters. In 2018 was implemented a methodology for official measurement of effective dose for eye lens, and the changes resulting from adoption of new Act No 157/2018 on metrology and new Act No 87/2018 on radiation protection were incorporated in the methodology. Various types of dosimeters were tested

within the solution of the task and, subsequently, the dosimeters suitable for evaluation of SLM counters were purchased from own sources. After calibration, they were provided to the health care facilities as part of the provided service of evaluation of ionizing radiation effective doses.

Successful solution of other planned development tasks has contributed not only to the expansion of the portfolio, but mainly to the improvement of the quality of services provided. More detailed information is available at [www.slm.sk](http://www.slm.sk).

## INTERNATIONAL COOPERATION

SLM was actively involved in the activities of WELMEC (European Organization for Legal Metrology) working groups. In 2018, SLM experts actively participated in work within working groups WG2 NAWID, WG7 – software, WG8 – MID, WG10 – measuring systems for liquids other than water, WG11 – gas meters and electricity meters, WG12 – taximeters, WG 13 – water meters and heat meters.

SLM provides for the management of the Secretariat of OIML, which is a worldwide, intergovernmental organization whose primary aim is to harmonize the regulations and metrological controls applied by the national metrological services, or related organizations, of its Member States. In 2018, Slovakia voted for the approval of two OIML Recommendations and Documents.

SLM provides for the activities related to the support of the Secretariat of OIML TC4 with a focus on organizing the meetings of TC4 Secretariat members and Slovak technical experts, administrative support of the Secretariat as well as organizational support of four project groups within TC4. On the basis of the 2018 program, two meetings of technical experts and secretariat personnel on national level were organized. The main activities of the TC4 in 2018 included elaboration of second committee draft revision of OIML D5 Document “Principles for the Establishment of Hierarchy Schemes for Measuring Instruments”. Document draft was consequently sent for commenting to the members of TC4. In 2018, SLM has been elaborating the fourth committee draft revision of Document D10 “Guidelines for the Determination of Recalibration Intervals of Measuring Equipment Used in Testing Laboratories”. The main objectives of the Secretariat of TC4 intended for 2018 have been considered as fulfilled.

SLM actively participates in development and operation of OIML Certification System (OIML-CS), that is managed by OIML, in relation with issuance and use of OIML Certificates. SLM is member of the OIML-CS Management Committee. In 2018, it actively participated in development of control documents for this new certification system and took part in the international meeting of the management committee.

In 2018, SLM collaborated with the National Metrological Institute of Germany (PTB) within the project No 95319 / BMZ No 2017.2083.3. focused on quality infrastructure to promote trade and consumer protection in Lebanon. Cooperation focused on the analysis of current status and design of metrological technical equipment necessary for verification of stationary storage fuel tanks.

In 2018, SLM representatives of Slovakia attended 53<sup>rd</sup> CIML (International Committee of Legal Metrology) Meeting in Hamburg. The meeting discussed mainly activities with international organizations and activities of the management committee concerning new OIML Certification System. Slovak representatives invited the attendees for the next 54<sup>th</sup> CIML Meeting, which will be held in Bratislava, Slovakia.



Photo No 2:  
53<sup>rd</sup> CIML Meeting in Hamburg

In 2018, SLM representatives attended 26<sup>th</sup> Meeting of General Conference on Weights and Measures in Versailles. Redefinition of four basic SI units (kilogram, ampere, kelvin and mole) and a new formulation of the other three units (second, metre, candela) effective from 20 May 2019 was approved at the meeting. All basic units are thus firmly linked to selected physical and technical constants.



Photo No 3:  
26<sup>th</sup> Meeting of General Conference  
on Weights and Measures in Versailles

## ECONOMIC AND FINANCIAL PERFORMANCE

### REVENUES

Revenues accounted for € 4 534 849.62 in the financial performance. The highest share in revenues (€ 4 368 196.87) was achieved by metrology services. Compared to 2017, revenues increased by € 86 543.19, which represents 2.02 % rise.

### COSTS

The 2018 costs entering the economic result amounted to € 4 527 947.90. In 2018, the material costs amounted to € 358 572.23 and service costs to € 705 992.02. Costs of the services included significant items such as expenses for travel (€ 58 120.29), repair and maintenance (€ 276 848.18) and calibration of standards (€ 27 767.73). Other costs amounted to € 35 434.80 include property taxes, property and employee insurance, bank charges, depreciation of bad debts, etc. In 2018, depreciation of assets was settled at € 497 790.

## 16. Slovak Metrological Inspectorate

*Slovak Metrological Inspectorate (the SMI) is a state administration body in the field of metrology in accordance with § 3 letter b) of the Act on metrology. The SMI's mission is to significantly participate in ensuring consistency and accuracy of measurements in the Slovak Republic. The SMI mainly provides the protection of the public interest, the protection of the legitimate interests of citizens, last but not least the protection of the business bodies which perform their activities with full liability.*

### KEY TASKS

Metrological supervision the most important activity of the SMI, i.e. monitoring of compliance with obligations set by the Act on metrology. SMI as the state administration body is responsible for the performance of metrological supervision and at the same time fulfils the role of market surveillance body in the area of measuring instruments placed on the market under the Act on conformity assessment. In addition to the control activity, the SMI makes decisions in administrative proceedings. Another important activity is to deal with suggestions and complaints of citizens, as well as dealing with transferred references from other government bodies in the field of metrology. SMI activities largely protect consumers not only in terms of pricing in direct sales, in the trade relations, but also in terms of health and property protection. Control activities have an impact on the environment, safety and health protection at work.

### CONTROL ACTIVITIES

The most important part of SMI activities is the metrological supervision. Its focus is based on fixed annual number of inspections and it is set on regular quarterly meetings of the SMI personnel based on analyses of the results of the previous period and inspector's experience. During the year a total of 1 413 inspections were carried out, the breach of the Act on metrology was found in 724 cases (51.23 %). Overview of inspections carried out by the individual departments in 2018 is shown in Table No 22.

Table No 22: Inspections in 2018

Department	Number of inspections with finding breach of the law	Number of inspections without finding breach of the law	Total inspections	Breach ratio of total inspections in %
Bratislava	203	170	373	54.42
Nitra	101	210	311	32.47
Banská Bystrica	201	103	304	66.11
Košice	219	206	425	51.52
Total	724	689	1 413	51.23

Plans and real fulfillment of the SMI goals for 2018 are shown in Table No 23.

Table No 23: Overview of the Inspection Activities Plan Implementation in 2018

CONTROLS	PLAN	REAL	% PERFORMANCE
according to the State policy strategy of standardization, metrology, quality and conformity assessment	800	975	121.88
of the compliance of the actual content with the nominal quantity of pre-packaged products	180	188	104.44
in areas where the measurement is performed by calibrated measuring instruments	210	233	131.42
controls of measuring instruments placed on the market	10	10	110.95
TOTAL	1 200	1 413	117.75

As shown in the Table No 23, the SMI met the scheduled task to perform 1 200 inspections in the reporting year.

From total of 188 controls focused on compliance of the actual content with the nominal quantity of pre-packaged products in 20 cases (10.63 %) there was found that packer or importer breached obligations when the content did not comply with the stated quantity of pre-packaged product what means that specified requirements were not complied with.

In that year the SMI carried out 233 controls aimed at the use of mandatory calibrated measuring instruments in case that the measurement is under a special regulation and is not performed with legally controlled measuring instruments, while in 210 cases (90.13 %) the SMI found a violation of the Act on metrology. Controls were aimed at the use of calibrated measuring instruments in dry, cold and freezing stores in manufacturing facilities, commercial establishments (measuring of temperature and humidity) and catering establishments.

Performing controls of measuring instruments placed on the market in 2018, the SMI not found violation of the Act on Conformity. In that year the SMI carried out 10 controls aimed of field measuring instruments placed on the market.

## ADMINISTRATIVE PROCEEDINGS

For breach or failure to comply with the obligations set by the Act on metrology, in 2018 the SMI initiated 425 administrative proceedings based on the Administrative Code. In the present year the SMI issued the total of 347 decisions in first instance. 425 decisions (including decisions issued in previous years) entered into force, in the total amount of € 256 140. In 5 cases the SMI decided to stop proceedings against inspected persons (supervised persons) suspicious of the breach of the Act on metrology. Furthermore, in 2018 the SMI imposed 23 spot fines in amount of € 2 080.

Based on issued decisions imposing a fine (it is not possible to lodge appeals against spot fines and against decisions to stop the proceedings) controlled bodies filed 53 appeals, representing 15.27 % of the number of decisions. Within interlocutory revision 1 case was resolved, where the SMI reduced the amount of the fine.

The appellate body decided on 56 appeals (including appeals submitted at the end of 2017); the appeals of supervised bodies were dismissed and the decisions of the SMI upheld in 38 cases, the decisions of the SMI was changed in 8 cases and the case returned to the SMI for new hearing and decision in 10 cases.

## ECONOMY AND BUDGET IMPLEMENTATION

### Expenses

The SMI was allocated with budget of € 466 918 (after internal budgetary arrangements). In the Program 08205 - Metrology supervision and control € 247 244 was assigned for item 610 wages, salaries, other personal expenses, € 98 857.28 for item 620 contributions to insurance funds, € 107 791.54 for item 630 goods and other services and € 1 447.18 for item 640 current transfers. From state budget € 11 578.00 was assigned for the program 0EK0503 – IT which is part of item 630.

Overview of current expenses in euro for 2018 is show in Table No 24.

Table No 24: Overview of current expenses in euro for 2018

Item, subitem of economic classification	Adjusted budgeted	Budgeted utilization	% utilization
Program 08205			
610 wages, salaries, other personal expenses	247 244.00	247 244.00	100.00
620 contributions to insurance funds	98 857.28	98 856.92	99.99
631 travel expenses	7 720.08	7 720.08	100.00

632 energy, water, communication	5 226.45	5 211.17	99.70
633 material and services	8 065.30	8 065.09	99.99
634 transportation	20 119.20	20 115.69	99.98
635 routine and standard maintenance	666.48	666.48	100.00
636 rent	16 795.01	16 794.75	99.99
637 other goods and services	49 199.02	49 158.86	99.91
Total the Program 08205 630 goods and other services	107 791.54	107 732.12	99.94
The Program OEKOS03-IT	11 578.00	11 464.71	99.02
Total the Program 08205 plus OEKOS03 630 goods and other services	119 369.54	119 196.83	99.85
640 current tranfers	1 447.18	1 447.18	100.00
Total performance	466 918.00	466 744.93	99.96

## Revenue

For violating the Act on metrology and the Act on conformity assessment the SMI imposes fines that represent the income of the state budget. Other part of income arises from other activities of the SMI. In 2018 the income of SMI was prescribed to € 210 000 after internal budgetary arrangements. In 2018 revenues from all activities of the SMI represented the amount of € 213 957.88 which was 101.58 % to meet the specified binding indicator. The most important part of the revenues represented fines and interests on late payments amounting to € 212 551.85. The remaining part of income were other non-tax revenues – returns from previous years (€ 1 406.03).

## Claims

In the case of claims of legally imposed fines after maturity the SMI based on the written request of an obliged subject which was not able to pay off its debt properly and in time and on complying with conditions according to the Article 7 of the Act No 374/2014 on state financial claims, an instalment agreement was concluded with the obliged subject. Altogether there were 28 agreements of this type for a total amount of € 17 520.

Next in the case of claims of legally imposed fines after maturity, where instalment agreements were not concluded, if the debt is not paid off even after a notice, SMI cooperated with 31 executor offices. SMI submitted 35 proposals of execution for a total amount of € 35 145 in 2018. Total of € 9 275.70 were collected within the execution proceedings in 2018.

On 31<sup>st</sup> December 2018 all claims made by SMI were of € 392 923.45.

## Commitments

On 31 December 2018 SMI had total of € 42 467.67 in short-term commitments, from which € 1 137.56 was commitments from trade transaction, € 2 325.12 was commitments from un-invoiced supplies (rent, postal service etc.) and € 650 was received advances and commitments – received in advance payments from fines before entered into force.

Other commitments are directly related to salaries for December 2018 and will be paid off in time. Consisting of Commitments against employees for an amount of € 21 023.49, tax commitments (advance on payroll tax) for an amount of € 3 617.24 and commitments against social and health Insurance institutions for a total of € 13 714.26.

## 17. Slovak National Accreditation Service

*SNAS was established as a public institution by the Act No 505/2009 Coll on accreditation of conformity assessment bodies and on amendments to certain laws (hereinafter the Act). In accordance with Regulation (EC) No 765/2008 of the European Parliament and of the Council setting out the requirements for accreditation and market surveillance related to the marketing of products (hereinafter Regulation 765/2008) the SNAS became a single national accreditation body in the Slovak Republic carrying out accreditation of conformity assessment bodies as the activity of public authority recognized by the Slovak Government.*

The mission of the SNAS, as the solely nationally and internationally recognized accreditation body in the Slovak Republic, is to perform accreditation of conformity assessment bodies, predominantly in the Slovak Republic in full conformity with the principles and criteria of international accreditation that is in accordance with international standards, documents issued by following global and regional international bodies - the European Co-operation for Accreditation (EA), the International Laboratory Accreditation Co-operation (ILAC), the International Accreditation Forum (IAF) and the Forum of Accreditation and Licensing Bodies (FALB) in such a way that the accreditation certificates issued by the SNAS are internationally accepted and recognized.

The SNAS accreditation activities are performed in accordance with internationally agreed normative documents ISO/IEC 17000, ISO 15000 respectively, in accordance with European and national legislation, as well as mandatory application documents issued by the EA, ILAC, IAF and FALB international bodies:

- bodies which are active in scope of calibration, testing, medical investigation, inspection, certification of management systems, certification of products and certification of person,
- proficiency testing providers,
- environmental verifiers,
- greenhouse gas verifiers,
- alternatively other activities falling under the accreditation requirements set by internationally recognized normative documents.

As stipulated by the Regulation 765/2008 the SNAS is submitted to regular evaluations performed by the EA with the aim of verification its coherence to international standards and rules prescribed for accreditation. The UNMS is the monitoring authority for the compliance with the law.

The SNAS activities result in granting accreditation to the conformity assessment bodies proving officially their ability to carry out declared activities impartially, independently and with required professional quality recognized both nationally and abroad. Thus the SNAS provides for desired degree of guaranty to the CAB customers that the results of conformity assessment body activities are reliable. The SNAS also performs regular supervision activities at legal entities and physical persons as regards fulfilment of preconditions under which they have been granted the accreditation.

In 2018 main tasks for SNAS were:

- Efforts aimed at the SNAS permanent recognition on the global scale, based on international agreements and conventions related to the EA, ILAC, IAF mutual recognition in the areas of accreditation where the SNAS is a signatory,
- Development of co-operation with the EU Member States accreditation bodies based on mutual exchange of information, experience, professional assessors in accordance with the cross-border accreditation principles,
- Permanent provision of quality accreditation services to all enquiring applicants, in all areas of activities for which accreditation is effective, reasonable and not in contrary to any legal provision,

- Close and effective co-operation with regulatory authorities in the Slovak Republic, mainly the Slovak Office of Standards, Metrology and Testing, the Ministry of Transport, the Ministry of Health, and the Ministry of Environment in particular, with respect to application of accreditation in regulated areas, and in verifying and monitoring the testing facilities compliance with the GLP, in cooperation with the inspectors appointed by the Ministry of Health of the Slovak Republic,
- Providing for assessment in new areas of accreditation, enquiring the needs of the Ministries as regards accreditation services, and raising awareness on the added value of accreditation,
- Strengthening co-operation with stakeholders and developing joint drafting of new accreditation schemes for new areas of accreditation.

**Table No 25: Review of accreditation services finished by SNAS from 2016 to 2018**

Scope of accreditation	No of finished in 2016			No of finished in 2017			No of finished in 2018		
	accreditation	reaccreditation	other services	accreditation	reaccreditation	other services	accreditation	reaccreditation	other services
Laboratories	21	52	187	30	6	271	25	55	265
Certification bodies	1	28	238	6	3	231	2	29	256
Inspection bodies	2	10	15	4	1	22	4	3	24
others (PT, EO, OESP, NAP)	1	1	21	0	1	39	0	9	22
<b>Together</b>	<b>25</b>	<b>91</b>	<b>461</b>	<b>40</b>	<b>11</b>	<b>563</b>	<b>31</b>	<b>96</b>	<b>567</b>
<b>Together for the year</b>	<b>577</b>			<b>614</b>			<b>694</b>		

*PT – proficiency testing provider, EO – environmental verifiers, OESP – greenhouse gas verifiers, NP – notification requirements*

The SNAS obligations related to evaluation of testing facilities compliance with the principles of Good Laboratory Practice in the area of non-clinical studies related health and environmental safety of chemical substances in test facilities are stipulated by the Act No 67/2010 Coll on Conditions of Introduction of the Chemical Substances and Chemical Preparations to the Market and on Amending and Supplementing of Certain Acts (Chemical Act), and by the Ordinance of the Government of the Slovak Republic No 320/2010 Coll regulating the activity of test facilities and activities of inspectors carrying out inspections, audits and verifications of compliance with the principles of Good Laboratory Practice. When conducting inspections abroad the SNAS proceeds according to the guidelines in the field of SLP 2004/10EC and 2004/9EC, in accordance with the principles of GLP OECD ENV / MC / CHEM / (98) 17.

**Table No 26: Review of services finished by SNAS for GLP in 2018**

	No of finished inspections for						
	pre inspection	granting of certificate	renewal of certificate	extend of certificate	surveillance	other	together
GLP	2	2	2	0	9	1	16

In 2018 the SNAS implemented all measures and fulfilled all obligations as regards maintaining its status as an internationally recognized accreditation body. The SNAS, a full Member of the international accred-

ditionation organizations EA, ILAC and IAF, retained its position of the signatory of all hitherto existing conventions of these organizations on mutual recognition, namely the Multilateral Agreement (hereinafter the MLA), and Mutual Recognition Arrangement (hereinafter the MRA). They are as follows:

#### EA MLA

- for the accreditation of calibration, testing and medical examination laboratories,
- for the area of accreditation of certification bodies certifying the management systems,
- for the area of accreditation of certification bodies certifying products,
- for the area of accreditation of certification bodies certifying persons,
- for the area of accreditation of inspection bodies,
- for validation and verification.

#### ILAC MRA

- for the area of accreditation of calibration and testing laboratories,
- for the area of accreditation of inspection bodies.

#### IAF MLA

- for the area of accreditation of certification bodies certifying the management systems,
- for the area of accreditation of certification bodies certifying products,
- for the area of accreditation of certification bodies certifying persons,
- for the area of accreditation validation and verification.

In 2018 SNAS was assessed by EA evaluation team for all scope of MLA. In line with plan for evaluation we were assessed also for extension of scope for new scope of MLA - PT. Based on SNAS application, during this evaluation was also assessed fulfilment of requirements of new standard ISO/IEC 17011:2017. Final decision of EA MAC we expected during spring of 2019.

The SNAS as the EA, ILAC, IAF and FALB Member, attended the meetings of all committees, working groups and general meetings of these international organizations and exerted activities on surveys and comment procedures related to upcoming mandatory application documents.

The SNAS managed its own income in 2018. This regards in particular payments for accreditation services without subsidies from the state budget.

Yields achieved the amount € 1 862 262, it was 102 % of planned income.

The costs drawn in 2018 reached the amount of € 1 821 372, it was 100 % of planned income. The respective ILAC, IAF and EA Membership contributions made in total € 22 636.

On 31 December 2018 the SNAS recorded claims related to unpaid invoices for granted accreditation services in total amount of € 222 538,

- of these € 207 712 were the non-liquidated invoices for provided accreditation services,
- and the sum of € 14 826 were the overdue un-liquidated invoices for provided accreditation services.

The details related the SNAS economy management can be found in the SNAS financial statements for 2018 and in the Annual Report on the SNAS Management for 2018.

The SNAS acting scope and the activities performed in 2018 were fully in line with its mission of providing accreditation for the conformity assessment bodies in accordance with the international standard EN ISO/IEC 17011 and the Act on accreditation of conformity assessment bodies.

## 18. Register of Abbreviations

1. **APVV** – (Agentúra na podporu výskumu a vývoja) – The Slovak Research and Development Agency
2. **BIPM** – (Medzinárodný úrad pre váhy a miery) – International Bureau of Weights and Measures
3. **C.I.P.** – (Stála medzinárodná komisia pre skúšky ručných palných zbraní) – Permanent International Commission for the Proof of Small Arms
4. **CCB** – (Certifikačná rada CEN) – CEN Certification Board
5. **CGPM** – (Medzinárodná konferencia pre miery a váhy) – General Conference on Weights and Measures
6. **CIML** – (Medzinárodný výbor pre legálnu metrologiu) – The International Committee of Legal Metrology
7. **COOMET** – (Euroázijská regionálna metrologická organizácia) – The Euro–Asian Cooperation of National Metrological Institutions
8. **EK** – (Európska komisia) – European Commission
9. **EMRP** – (Európsky metrologický výskumný program) – The European Metrology Research Programme
10. **EÚ** – (Európska únia) – European Union
11. **EUDAMED** – (Európska databáza zdravotníckych pomôcok) – European Database on Medical Devices
12. **EURAMET** – (Európska asociácia národných metrologických inštitútov) – The European Association of National Metrology Institutes
13. **IRA** – (Interný riadiaci akt ÚNMS SR) – Internal Management Act of the UNMS SR
14. **MZVaEZ SR** – (Ministerstvo zahraničných vecí a európskych záležitostí SR) – The Ministry of Foreign and European Affairs of the Slovak Republic
15. **MSP** – (Malé a stredné podniky) – Small and Medium–Size Enterprises (SMEs)
16. **Nariadenie č. 765/2008** – (Nariadenie Európskeho parlamentu a Rady č. 765/2008, ktorým sa ustanovujú požiadavky akreditácie a dohľadu nad trhom) – Regulation (EC) No 765/2008 of the European Parliament and of the Council setting out the requirements for accreditation and market surveillance)
17. **Nariadenie EÚ č. 920/2013** – (Nariadenie Komisie (EÚ) č. 920/2013 o autorizácii notifikovaných orgánov a dohľade nad nimi podľa smernice Rady 90/385/EHS o aktívnych implantovateľných zdravotníckych pomôcok a smernice Rady 93/42/EHS o zdravotníckych pomôckach) – Commission Regulation (EU) No 920/2013 of 24 September 2013 on the designation and the supervision of notified bodies under Council Directive 90/385/EEC on active implantable medical devices and Council Directive 93/42/EEC on medical devices
18. **Nariadenie o európskej normalizácii** – (Nariadenia Európskeho parlamentu a Rady (EÚ) č. 1025 z 25. októbra 2012 o európskej normalizácii, ktorým sa menia a dopĺňajú smernice Rady 89/686/EHS a 93/15/EHS a smernice Európskeho parlamentu a Rady 94/9/ES, 94/25/ES, 95/16/ES, 97/23/ES, 98/34/ES, 2004/22/ES, 2007/23/ES, 2009/26/ES a 2009/105/ES a ktorým sa zrušuje rozhodnutie Rady 87/95/EHS a rozhodnutie Európskeho parlamentu a Rady č. 1673/2006/ES) – Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council
19. **NP** – (Národný projekt Zavádzanie a podpora manažérstva kvality v organizáciách verejnej správy) – National Project titled „Introduction and Support of Quality Management in Public Administration Bodies”
20. **NIS TN** – (Národné informačné stredisko pre technickú normalizáciu) – The National Information Centre for Standardization (NIS TN)

21. **NNO** – (Národný normalizačný orgán) – National Standards Body (NSB)
22. **NPK SR** – (Národný program kvality SR) – National Quality Program of the Slovak Republic
23. **NR SR** – (Národná rada SR) – National Council of the Slovak Republic
24. **NS** – (Národné stanoviská) – National opinions
25. **OIML** – (Medzinárodná organizácia pre legálnu metrológiu) – The International Organization of Legal Metrology
26. **OM** – (Odbor metrológie) – The Department of Metrology
27. **OP EVS** – (Operačný projekt Efektívna verejná správa) – the Effective Public Administration Operational Project
28. **OSaEZ** – (Odbor skúšobníctva a európskych záležitostí) – the Department of Testing and European Affairs
29. **OTN** – (Odbor technickej normalizácie) – The Standardization Department
30. **OP EVS** – (Operačný program Efektívna verejná správa) – the Effective Public Administration Operational Project
31. **PC** – (Projektové komisie) – the Project Committees
32. **PRTN** – (Program rozvoja technickej normalizácie) – the Standardisation Development Programme
33. **Pohľadávky** – (Pohľadávky štátu v správe ÚNMS SR) – Receivables – Receivables of the state under the UNMS SR administration
34. **Rada** – (Rada Európskej únie) – Council of the European Union
35. **RKS** – (Rezortná koordinačná skupina) – the Departmental Coordination Group
36. **RNPK SR** – (Rada národného programu kvality SR) – the Board for National Quality Program of the Slovak Republic
37. **RO** – (Riadiaci orgán) – the Managing Authority
38. **RTN** – (Rada pre technickú normalizáciu) – Board for Standardization
39. **SAR** – (Slovenská akreditačná rada) – Slovak Accreditation Board
40. **SC** – (Subkomisia) – Subcommittee
41. **SK V4 PRES** – Príprava predsedníctva SR vo Višegradskej skupine – Preparation of the Slovak Presidency of the Visegrad Group
42. **SLM, n. o.** – (Slovenská legálna metrológia, n. o.) – Slovak Legal Metrology, non-profit organization
43. **Smernica (EÚ) 2015/1535** – (Smernica Európskeho parlamentu a rady (EÚ) 2015/1535) – Directive (EU) 2015/1535 of the European Parliament and of the Council
44. **SMI** – (Slovenský metrologický inšpektorát) – Slovak Metrological Inspectorate
45. **SMK** – (Systém manažérstva kvality) – Quality Management System
46. **SMÚ** – (Slovenský metrologický ústav) – Slovak Institute of Metrology
47. **SNAS** – (Slovenská národná akreditačná služba) – Slovak National Accreditation Service
48. **SR** – (Slovenská republika) – The Slovak Republic
49. **STN** – (Slovenské technické normy) – Slovak Standards
50. **TC** – (Technická komisia) – Technical Committee
51. **TNI** – (Technické normalizačné informácie) – Technical Information on Standards
52. **TSÚ Piešťany, š. p.** – (Technický skúšobný ústav Piešťany, š. p.) – Technical Testing Institute Piešťany, state owned enterprise
53. **ÚNMS SR** – (Úrad pre normalizáciu metrológiu a skúšobníctvo Slovenskej republiky) – Slovak Office of Standards, Metrology and Testing

54. **ÚOŠS** – (Ústredné orgány štátnej správy) – State Administration Central Bodies
55. **VFR** – (Viacročný finančný rámec EÚ) – The Multiannual Financial Framework
56. **WG** – (Pracovná skupina) – Working Group
57. **WELMEC** – (Európska spolupráca v oblasti legálnej metrológie) – European Cooperation in Legal Metrology
58. **WP.6 EHK OSN** – (Pracovná skupina pre stratégiu v oblasti regulačnej spolupráce a normalizácie Európskej hospodárskej komisie pri Organizácii spojených národov) – The UNECE Working Party on Regulatory Cooperation & Standardization Policies
59. **Zákon o akreditácii** – (Zákon č. 505/2009 Z. z. o akreditácii orgánov posudzovania zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov) – Act No 505/2009 Coll on Accreditation of Bodies Responsible for Conformity Assessment and on Amendment of Certain Act
60. **Zákon o finančnej kontrole a audite** – (Zákon č. 10/1996 Z. z. o kontrole v štátnej správe v znení neskorších predpisov a zákonom č. 357/2015 Z. z. o finančnej kontrole a audite a o zmene a doplnení niektorých zákonov) – Act No 10/1996 Coll on Control in State Administration as amended and the Act No 357/2015 Coll on the Financial Control and Audit, and on Amendments to Certain Laws
61. **Zákon o metrológii** – (Zákon č. 157/2018 o metrológii a o zmene a doplnení niektorých zákonov v znení neskorších predpisov) – Act No 157/2018 Coll on Metrology and on amendment to certain Acts
62. **Zákon o sťažnostiach** – (Zákon č. 9/2010 Z. z. o sťažnostiach v znení neskorších predpisov) – Act No 9/2010 Coll. on complaints, as amended
63. **Zákon o technickej normalizácii** – (Zákon č. 60/2018 o technickej normalizácii) – Act No 60/2018 Coll on standardization
64. **Zákon o zhode** – (Zákon č. 56/2018 o posudzovaní zhody výrobku, sprístupňovaní určeného výrobku na trhu a o zmene a doplnení niektorých zákonov) – Act No 56/2018 Coll on conformity assessment of the product, making available of a determined product on the market
65. **ŽoNFP** – (Žiadosti o nenávratný finančný príspevok) – Applications for a non-refundable financial contribution

2018

2017

2016

2015

2014

2013

2012

2011

2010