



MINISTER OF EDUCATION AND SCIENCE OF THE REPUBLIC OF LITHUANIA

**ORDER
ON THE APPROVAL OF THE 2016–2018 ACTION PLAN FOR THE NATIONAL
PROGRAMME FOR THE DEVELOPMENT OF STUDIES, RESEARCH AND
EXPERIMENTAL (SOCIAL AND CULTURAL) DEVELOPMENT FOR 2013–2020**

17 March 2016 No V-204
Vilnius

To implement Article 10 of the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020 as approved by Resolution No 1494 of the Government of the Republic of Lithuania of 5 December 2012 On the Approval of the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020:

1. I hereby approve the 2016–2018 Action Plan for the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020 (enclosed).

2. I hereby instruct vice ministers of science and education to monitor the implementation of the 2016–2018 Action Plan for the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020 in accordance with their area of responsibilities.

Minister of Education and Science

Audronė Pitrėnienė

COORDINATED

By Letter No 21.4-62-3-630 of the Ministry of Economy
Of 12 February 2016

APPROVED

By Order No V-204 of the Minister of Education and Science of the Republic of Lithuania of 17 March 2016

2016–2018 ACTION PLAN FOR THE NATIONAL PROGRAMME FOR THE DEVELOPMENT OF STUDIES, RESEARCH AND EXPERIMENTAL (SOCIAL AND CULTURAL) DEVELOPMENT FOR 2013–2020

**SECTION I
OBJECTIVES, TASKS, MEASURES, ACTIONS, APPROPRIATIONS AND POTENTIAL PROJECT PROMOTERS**

No	Objectives, tasks, measures and actions (areas of activity)	State budget funds			EU structural funds for 2014–2020 period and co-financing funds (estimated, thousands €)	Potential promoters of projects financed by EU structural funds
		2016 (thousands €)	2017 (estimated, thousands €)	2018 (estimated, thousands €)		
Strategic goal: through development of studies and implementation of research and experimental (social and cultural) development (hereinafter – R&D) to promote the sustainable growth of people and society to enhance the competitiveness of the country and create an environment for innovations.						
1.	Objective: to develop a favourable environment for capable and motivated individuals to become highly qualified professionals and to realise themselves in conformity with the expectations of the state and society.	200,256	200,812	201,236	111,447.75	-
1.1..	Task: to ensure the accessibility of study programmes, that are chosen by the applicants thoughtfully and having considered the information available.	191,411	191,870	192,294	14,970.62	-

1.1.1.	Measure: to finance first and second cycle studies as well as integrated and non-degree study programmes.	130,172	130,631	131,055	0	-
1.1.1.1.	To provide state funding for student places in university study programmes (including smart specialisation fields).	104,814	105,273	105,697	0	-
1.1.1.2.	To provide state funding for student places in college study programmes.	24,941	24,941	24,941	0	-
1.1.1.3.	To implement target funding of study programmes.	417	417	417	0	-
1.1.2.	Measure: to provide state aid to students.	11,116	11,116	11,116	7,440.5	-
1.1.2.1.	To provide target scholarships.	1,294	1,294	1,294	0	-
1.1.2.2.	To provide social scholarships.	8,270	8,270	8,270	0	-
1.1.2.3.	To encourage students to achieve high results in their studies and participate in scientific/artistic activities.	80	80	80	0	-
1.1.2.4.	To ensure payment of scholarships.	1,472	1,472	1,472	0	-
1.1.2.5.	To create social and financial incentives and provide support to students from socially vulnerable, socially excluded and underrepresented groups ¹ .	0	0	0	7,240.5	State Studies Foundation (hereinafter – SSF)
1.1.2.6.	To provide target scholarships to graduates of physical, biomedical and technology sciences fields who chose pedagogical studies.	0	0	0	200	SSF
1.1.3.	Measure: to ensure the provision of financing to students.	0	0	0	0	-
1.1.3.1.	To ensure the provision of state loans for the settlement of tuition fees.	0	0	0	0	-
1.1.3.2.	To ensure the settlement of interest accrued on state-supported loans.	0	0	0	0	-
1.1.3.3.	To ensure the fulfilment of the obligations undertaken by the state as per state guarantees granted or other obligations undertaken.	0	0	0	0	-
1.1.4.	Measure: to ensure full or partial compensation of tuition fees.	3,881	3,881	3,881	0	-
1.1.4.1.	To ensure compensation of tuition fees for students not funded by the state.	3,765	3,765	3,765	0	-
1.1.4.2.	To ensure the partial compensation of tuition fees for individuals who have completed compulsory basic military service or basic military training.	116	116	116	0	-

¹ This clause matches Clause 1.1.3.5 of the 2013–2015 Action Plan for the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020 approved by Order No V-579 of the Minister of Education and Science of 25 June 2013 On the Approval of the 2013–2015 Action Plan for the National Programme for the Development of Studies, Research and Experimental (Social and Cultural) Development for 2013–2020 (hereinafter – the Plan).

1.1.5.	Measure: to continue the development of education information systems, national registers, and other systems.	0	0	0	6,082.02	-
1.1.5.1.	To develop registers, and physical infrastructure required for the functioning of education information systems, national registers or databases.	0	0	0	2,606.58	Vilnius University (hereinafter – VU), Kaunas University of Technology (hereinafter – KUT), Vilnius Gediminas Technical University (hereinafter – VGTU), CITE
1.1.5.2.	To continue the development of the system of the Association of Lithuanian Higher Education Institutions for Organising Joint Admissions ² .	0	0	0	3,475.44	Association of Lithuanian Higher Education Institutions for Organising Joint Admissions.
1.1.6.	Measure: to ensure the financing of the general management, administration, and complex infrastructure of institutions of research and higher education.	46,242	46,242	46,242	0	-
1.1.6.1.	To ensure the financing of the general management and administration of institutions of research and higher education.	44,686	44,686	44,686	0	-
1.1.6.2.	To develop the financing of the complex infrastructure of institutions of research and higher education.	1,556	1,556	1,556	0	-
1.1.7.	Measure: to strengthen the awareness of higher education students by helping them to develop their careers independently, to manage their careers responsibly, and to position themselves in a constantly changing labour market.	0	0	0	1,448.1	-
1.1.7.1.	To ensure the accessibility, development and continuation of high quality career service and monitoring of alumni career development ³ .	0	0	0	1,448.1	VU
1.2.	Task: to continuously update and improve the content and process of study programmes by cooperating with social partners, to improve the qualification of lecturers.	608	608	608	19,114.92	-
1.2.1.	Measure: to prepare new descriptions of fields of study (set of study fields or study areas) and update the existing ones.	0	0	0	5,213.16	-

² Matches Clause 1.1.6.5 of the Plan.

³ Matches Clause 1.1.8.1 of the Plan.

1.2.1.1.	To consolidate study programmes, introduce innovative teaching (learning) techniques, distance learning and student-centred study process.	0	0	0	3,475.44	Higher education institutions (hereinafter – HEIs)
1.2.1.2.	To prepare new and update the existing descriptions of fields of study; to offer training to staff of HEIs on result-focused study programmes, modules and professional field research.	0	0	0	1,737.72	Centre for Quality Assessment in Higher Education (hereinafter – CQAHE)
1.2.2.	Measure: to promote civil, research, entrepreneurial, creative and sports initiatives for youth.	608	608	608	3,475.44	-
1.2.2.1.	To support initiatives for youth.	218	218	148	0	-
1.2.2.2.	To provide financing for international student sports events and organise awards for the best athletes.	370	370	290	0	-
1.2.2.3.	To provide financing for the preparation, coordination and participation in the 18th Gaudeamus festival.	0	0	150	0	-
1.2.2.4.	Practical training by profession, partnership with social partners and their involvement in the improvement of practical training arrangements and practical training delivery. Promoting the development of student entrepreneurial skills and creativity.	0	0	0	3 475,44	Associations, HEIs
1.2.2.5.	To develop and support the activities of practical training firms. Support to events promoting entrepreneurship.	20	20	20	0	Vilnius College, associations organising entrepreneurship events
1.2.3.	Measure: to promote the improvement of lecturers' pedagogical, factual and scientific research skills.	0	0	0	4,054.68	-
1.2.3.1.	To improve lecturers' qualifications and encourage professional networking.	0	0	0	3 475,44	HEIs
1.2.3.2.	To modernise continuing teacher training and provide more opportunities of employment.	0	0	0	579,24	Lithuanian Association of Institutions of University-Level Continuing Studies
1.2.4.	Measure: to improve the quality of institutions of higher education through external performance evaluations.	0	0	0	6,371.64	-
1.2.4.1.	To perform evaluations of study programmes and develop the academic recognition system of higher education-related qualifications acquired abroad.	0	0	0	868.86	CQAHE
1.2.4.2.	To strengthen external assessment (of study programmes and institutional), achievement assessment, self-evaluation and accreditation system by including social partners.	0	0	0	5,502.78	CQAHE

1.2.4.3.	To perform evaluations of institutions of research and higher education.	0	0	0	0	CQAHE, Research and Higher Education Monitoring and Analysis Centre (hereinafter – RHEMAC)
1.3.	Task: to continue the internationalisation of education and strengthen the international recognition of Lithuania's higher education.	1,490	1,501	1,501	21,287.07	-
1.3.1.	Measure: to prepare and implement the action plan for the promotion of the internationalisation of higher education.	1,490	1,501	1,501	21,287.07	-
1.3.1.1	To increase the internationalisation of the study process in institutions of higher education in Lithuania.	181	181	181	0	Education Exchanges Support Foundation (hereinafter – EESF)
1.3.1.2	To increase the awareness of Lithuanian higher education institutions internationally and their prestige and promote studies on the international arena.	0	0	0	1,737.72	EESF, Lithuanian University of Health Sciences (hereinafter – LUHS)
1.3.1.3.	To support and encourage the mobility of students and lecturers and the attraction of foreign students (including Lithuanians living abroad); to support the provision of joint study programmes.	819	819	819	13,756.95	EESF
1.3.1.4.	To support studies of expats and foreigners of Lithuanian descent in Lithuanian higher education institutions.	174	174	174	0	SSF
1.3.1.5.	To maintain relations with expat communities and foreigners of Lithuanian descent.	99	99	99	0	EESF, Vilnius Lithuanians' House
1.3.1.6.	To provide support for the activities of Lithuanian (Baltic) centres operating abroad.	217	228	228	0	Institutions of research and higher education (hereinafter – IRHE)
1.3.1.7.	To encourage cooperation between Lithuanian institutions of research and higher education and Lithuanian (Baltic) centres abroad.	0	0	0	5,792.4	VU
1.4.	Task: to renovate the infrastructure and environment of higher education.	6,457	6,543	6,543	54,627.05	-
1.4.1.	Measure: to renovate institutions of research and higher education and the equipment in these institutions and prepare and implement the plan for the establishment of campuses.	6,457	6,543	6,543	54,627.05	-
1.4.1.1.	To upgrade and introduce technological solutions at lecturer work places and learning and teaching environment.	0	0	0	4,349.02	HEIs
1.4.1.2.	To implement the programme for the renovation of the dormitories of institutions of higher education.	204	290	290	0	IRHE

1.4.1.3.	The consolidation of the infrastructure of institutions of research and higher education, modernisation of teaching and learning environment. Investments into the infrastructure of studies, acquisition of equipment, creation and upgrading of basic equipment.	0	0	0	28,962	State universities
1.4.1.4.	The improvement of the infrastructure of college studies.	0	0	0	18,535.68	State colleges
1.4.1.5.	To relocate the faculties of institutions of research and higher education related to R&D work carried out in research complexes.	0	0	0	0	-
1.4.1.6.	To ensure the completion of the programme for the development of the infrastructure of institutions of research and higher education.	6,253	6,253	6,253	0	-
1.4.1.7.	To modernise residency facilities.	0	0	0	2,780.35	VU, LUHS
1.4.2.	Measure: to establish regional centres for applied research.	0	0	0	0	-
1.4.2.1.	To provide support for the initiatives of institutions of research and higher education and institutions of Lithuania's regional administration or business cooperation in the field of applied research.	0	0	0	0	IRHE
1.5.	Task: to create a favourable environment for the development of the provision of services for lifelong learning in institutions of higher education.	290	290	290	1,448.09	-
1.5.1.	Measure: to prepare and implement an action plan for the development of non-formal adult education.	290	290	290	1,448.09	-
1.5.1.1.	To introduce new models for the funding of non-formal adult education.	290	290	290	0	IRHE, institutions exercising non-formal adult education (hereinafter – IENAE)
1.5.1.1.	To prepare, implement and improve a system for the recognition of skills acquired by way of non-formal education.	0	0	0	1,448.09	IRHE
2.	Objective: to create new knowledge and provide an environment in which science, business and culture integrate with each other and in that way strengthen the advantages of the country.	88,887	89,419	90,032	462,644.49	-
2.1.	Task: to train highly qualified researchers and to strengthen and mobilise the human potential in R&D for the development of smart specialisation.	21,833	21,833	21,833	134,818.97	-
2.1.1.	Measure: to promote careers in research to pupils and students.	0	0	0	2,316.96	-
2.1.1.1.	To promote the R&D activities of pupils and students.	0	0	0		IRHE
2.1.1.2.	To provide support for students' internships in science-intensive enterprises.	0	0	0		IRHE
2.1.2.	Measure: to ensure the effective implementation of doctoral studies.	21,506	21,506	21,506	23,169.6	-

2.1.2.1.	To finance doctoral studies.	20,986	20,986	20,986		Research Council of Lithuania (hereinafter – RCL)
2.1.2.2.	To attract youth residing abroad to study for a PhD.	0	0	0		RCL
2.1.2.3.	To provide support for doctoral scientific/artistic activities.	0	0	0		RCL
2.1.2.4.	To provide opportunities for the participation of science-intensive enterprises in the doctoral studies process.	0	0	0		RCL
2.1.2.5.	Incentivising doctoral scholarships and support for doctoral students' travels.	520	520	520	0	RCL
2.1.3.	Measure: to mobilise a sufficient number of researchers and ensure their high qualification.	327	327	327	41,850.94	-
2.1.3.1.	To develop a system of apprenticeships for young post-doctoral researchers, including apprenticeships in science-intensive enterprises.	0	0	0	7,240.5	IRHE
2.1.3.2.	To support the development of international competences of researchers and build researcher capacities to design R&D projects.	0	0	0	0	Agency for Science, Innovation and Technology (hereinafter – ASIT), RCL
2.1.3.3.	To attract foreign scientists and other researchers to work in Lithuanian institutions of research and higher education by putting into use the existing research infrastructure.	0	0	0	20,273.4	IRHE
2.1.3.4.	To award research prizes to researchers who are either foreigners of Lithuanian descent and Lithuanian citizens residing abroad.	27	27	27	0	-
2.1.3.5.	To raise the qualifications of professionals to be employed in the European neutron research facility.	300	300	300	0	-
2.1.3.6.	To attract foreign scientists and other researchers to develop new and prospective research projects.	0	0	0	4,344.3	IRHE
2.1.3.7.	To support the establishment of centres of excellence and ensure their effective functioning.	0	0	0	4,344.3	IRHE
2.1.3.8.	To encourage the employment of researchers in science-intensive enterprises.	0	0	0	2,896.2	Micro, small and medium enterprises
2.1.3.9.	To support the development of international competences of researchers.	0	0	0	1,304.14	ASIT, RCL
2.1.3.10.	To develop researcher potential in institutions where research is carried out as parallel activity.	0	0	0	1,448.1	IRHE, academic associations, libraries, museums, archives
2.1.4.	Measure: to provide aid to researchers for the implementation of R&D projects.	0	0	0	67,481.47	-
2.1.4.1.	To support high-level R&D activities.	0	0	0	39,388.33	IRHE

2.1.4.2.	To support the establishment of centres of excellence and parallel laboratories and their activities.	0	0	0	28,093.14	IRHE
2.2.	Task: to train the specialists working in the institutions that promote cooperation between the public and private sectors in R&D and innovations based on new knowledge and strengthen their skills in the transfer of knowledge and technologies.	0	0	0	3,475.44	-
2.2.1.	Measure: to develop the skills of employees in institutions of research and higher education, institutions stimulating cooperation between the public and private sectors in R&D, and competency centres.	0	0	0		-
2.2.1.1.	To train scientists and other researchers, employees of institutions of research and higher education, experts and employees of expert and coordination institutions, employees of institutions tasked with policy making and implementation in order to develop their skills related to the commercialisation of R&D results and transfer of technologies.	0	0	0		ASIT
2.3	Task: to promote inter-institutional, cross-sectoral and international cooperation for the development of high-level research projects and R&D projects directed at solving issues of strategic importance to the public and society and projects promoting economic development.	66,682	67,214	67,827	162,562.56	-
2.3.1.	Measure: to provide support for cross-sectoral cooperation in R&D.	2,354	2,354	2,354	134,759.04	-
2.3.1.1.	To support the R&D projects which contribute to the implementation of priorities of the smart specialisation strategy.	0	0	0	35,917.52	IRHE, university hospitals
2.3.1.2.	To provide support for the projects that meet specific smart specialisation priorities and that are implemented jointly by the institutions of research and higher education, economic operators and other entities.	0	0	0	35,917.52	IRHE, university hospitals
2.3.1.3.	Research carried out by high profile groups of researchers.	0	0	0	28,962	RCL
2.3.1.4.	To encourage the use of financial instruments to develop R&D and innovation activities.	0	0	0	5,000	Firms of institutions of research and higher education
2.3.1.5.	To support R&D work done by institutions of research and higher education and commissioned by economic operators.	2,064	2,064	2,064	0	ASIT
2.3.1.6.	To promote the activities of competency centres.	0	0	0	11,584.8	IRHE
2.3.1.7.	To encourage institutions of research and higher education to integrate in science and business networks.	0	0	0	2,896.2	IRHE
2.3.1.8.	To promote the activities of centres for innovation and transfer of technology.	0	0	0	14,481	IRHE

2.3.1.9	To perform regular monitoring and analysis of priority areas in R&D and innovation development (smart specialisation) and the implementation of their specific priorities and to look for joint interests of research and business in implementing the priorities of smart specialisation.	0	0	0	0	RHEMAC, ASIT
2.3.1.10.	To organise expert evaluation of measures implemented by research, technology and innovations	290	290	290	0	-
2.3.2.	Measure: to promote international cooperation in the R&D sector.	3,679	3,990	4,347	27,803.52	-
2.3.2.1.	To ensure the fulfilment of the obligations undertaken by Lithuania in international treaties for the development of the R&D sector and participation in international R&D programmes.	3,399	3,672	3,986	0	RCL, ASIT
2.3.2.2.	To ensure the activities of the National Contact Points of the Horizon 2020 programme, to promote the participation of institutions of research and higher education, their researchers and students, and other institutions in the measures of the Horizon 2020 programme.	29	29	29	0	ASIT, RCL
2.3.2.3.	To raise awareness of Lithuania (in the field of R&D) in the European Research Area and to encourage cooperation between Lithuanian researchers and foreign partners and businesses.	0	0	0	1,737.72	RCL
2.3.2.4.	To provide support for the development of the European research network and encourage institutions of research and higher education to be actively involved in that.	251	289	332	26,065.8	IRHE, RCL, ASIT
2.3.3.	Measure: to ensure the financing of high-level research projects oriented to solving issues of strategic importance to the public and society and projects promoting economic development.	60,649	60,870	61,126	0	-
2.3.3.1.	To ensure the basic financing of R&D projects and the execution of long-term institutional R&D programmes.	46,259	46,259	46,259	0	-
2.3.3.2.	To ensure the financing of R&D projects through competition by implementing national research programmes.	4,549	4,549	4,549	0	RCL
2.3.3.3.	To implement the 2016–2024 National Programme for the Development of Lithuanian Studies.	1,800	1,800	1,800	0	RCL
2.3.3.4.	To ensure competition-based funding of national initiatives in the field of R&D.	1,983	2,204	2,460	0	RCL, ASIT
2.3.3.5.	To ensure programme and competition-based funding of R&D work when carrying out projects by researcher groups.	6,058	6,058	6,058	0	RCL
2.4.	Task: to develop commercial and non-commercial use of R&D results.	372	372	372	32,687.56	-
2.4.1.	Measure: to commercialise the results of research projects.	120	120	120	8,136.7	-
2.4.1.1.	To provide support to institutions of research and higher education for the establishment of science-intensive enterprises.	120	120	120	8,136.7	IRHE

2.4.1.2.	To prepare an action plan that is for the commercial ideas of R&D projects and designated for students, researchers, and institutions of research and higher education.	0	0	0	0	ASIT
2.4.2.	Measure: to prepare and implement a scheme to promote R&D activities and support the publishing of the results of R&D projects carried out by Lithuanian researchers.	252	252	252	24,550.86	-
2.4.2.1.	To implement the scheme for the promotion of &RD activities.	0	0	0	3,475.44	Lithuanian Academy of Sciences (hereinafter – LAS)
2.4.2.2.	To provide support for publishing scientific articles and studies.	20	20	20	0	RCL
2.4.2.3.	To support publishing of periodic Lithuanian scientific journals.	0	0	0	2,606.58	LAS
2.4.2.4.	To promote scientific communication in events dedicated to science.	0	0	0	1,737.72	IRHE, academic associations
2.4.2.5.	To award Lithuanian science awards and other prizes.	232	232	232	0	-
2.4.2.6.	The development of professional networks of scientists and other researchers.	0	0	0	1,737.72	Academic communities, associations, organisations
2.4.2.7.	To support pupil activities in the STEAM fields and the development of the related environment.	0	0	0	5,792.4	Education Supply Centre
2.4.2.8.	To support the development of infrastructure dedicated to science promotion.	0	0	0	9,201	LAS
2.5.	Task: to develop, renovate and mobilise the R&D infrastructure that generates conditions to creation knowledge and innovations.	0	0	0	129,099.96	-
2.5.1.	Measure: to provide support for the mobilisation, development, and effective usage of the infrastructure used by institutions of research and higher education and institutions stimulating cooperation between the public and private sectors in R&D and innovations.	0	0	0	97,821	-
2.5.1.1.	To provide support for the development and upgrading (including the consolidation of university divisions) of the R&D and higher education infrastructure owned by institutions of research and higher education essential to the training of specialists to implement the priorities of smart specialisation.	0	0	0	52,131.6	IRHE
2.5.1.2.	The development of the core of a maritime valley and the upgrading of the infrastructure of higher education (JŪRA).	0	0	0	10,935	Klaipėda University
2.5.1.3.	The upgrading of equipment used in Open Access Centres.	0	0	0	26,065.8	IRHE
2.5.1.5.	To provide support for the development of the infrastructure used by competency centres.	0	0	0	8,688.6	IRHE

2.5.2.	Measure: to prepare and implement a system for the evaluation and promotion of Open Access Centres.	0	0	0	0	-
2.5.2.1.	To ensure the registration of Open Access Centres, performance evaluation of these centres and to promote their effective activities.	0	0	0	0	ASIT
2.5.3.	Measure: to provide researchers access to digital scientific data resources.	0	0	0	31,278.96	-
2.5.3.1.	To guarantee access to the databases of periodic and other scientific (artistic) publications.	0	0	0	28,962	Lithuanian Research Library Consortium
2.5.3.2.	To ensure the collection, analysis and dissemination of Lithuanian scientific publications and e-documents and information about these publications.	0	0	0	2,316.96	RCL
3.	Objective: to ensure the functioning of a system of education and R&D that is based on data, information and evidence, as well as professionalism and trust.	8,232	9,141	9,141	17,071.45	-
3.1.	Task: to ensure high-quality monitoring, analysis, evaluation and forecasting that is necessary for the effective functioning of the system of research and higher education.	39	39	39	3,765.06	-
3.1.1.	Measure: to perform studies on the performance of the system of research and higher education and ensure the monitoring, analysis and evaluation of higher education.	39	39	39	3,765.06	-
3.1.1.1.	To carry out studies on science and studies' policies and perform reviews of the status of the system of research and higher education.	0	0	0	1,448.1	Authorised authority
3.1.1.2.	To introduce evidence and achievement-based control and management, to ensure the monitoring and analysis of higher education system and to participate in international research projects and ranking schemes.	0	0	0	2,316.96	RHEMAC
3.1.1.3.	To ensure the implementation of the projects and measures designated to improve the effectiveness of the system of higher education and fulfilments of obligations.	39	39	39	0	RHEMAC, SSF, CQAHE
3.1.2.	Measure: to prepare draft versions of a proposed amendment of the Law on Higher Education and Research of the Republic of Lithuania and related legal acts to ensure better conditions for the accessibility, quality and internationalisation of studies.	0	0	0	0	-
3.1.2.1.	To prepare and submit to the Government of the Republic of Lithuania the proposed amendment of the Law on Higher Education and Research of the Republic of Lithuania.	0	0	0	0	-
3.1.2.2.	To prepare legal acts amending the legislation implementing the law on the amendment of the Law on Higher Education and Research of the Republic of Lithuania.	0	0	0	0	-

3.1.3.	Measure: to create and develop a system for the employment of graduates of institutions of higher education and for monitoring their career development. This system should also constantly update a forecast of the Lithuanian economy and enable admissions to institutions of higher education to be planned based on the data generated by the system.	0	0	0	0	-
3.1.3.1.	To prepare legal acts regulating the implementation of occupational maps for industry.	0	0	0	0	-
3.1.3.2.	To perform the monitoring, evaluation and analysis of supply and demand for higher education based on the indicators approved.	0	0	0	0	RHEMAC
3.2.	Task: to create conditions for the improvement of the management of institutions of research and higher education by increasing their openness and accountability to the public.	8,193	9,102	9,102	11,858.29	-
3.2.1.	Measure: to improve the information infrastructure of research and higher education: ensure the integration, accessibility and effective functioning of information systems and upgrade the systems for the internal management of institutions of research and higher education.	1,992	1,992	1,992	10,120.57	-
3.2.1.1.	To ensure the functioning of the Lithuanian computer network of Lithuanian science and studies – LITNET.	1,447	1,447	1,447	6,082.42	KUT
3.2.1.2.	The existence and development of virtual learning environment. Access to international databases and registries essential to studies and the Internet, and the development of open learning resources to meet the needs of studies ⁴ .	545	545	545	4,038.15	Vytautas Magnus University, VU, KUT, VGTU, CITE
3.2.1.3.	To create and develop an information system for R&D and innovations.	0	0	0	0	ASIT
3.2.2.	Measure: to ensure that the institutions monitoring institutions of research and higher education are functioning, research activities are being monitored, and financial support is being administered.	6,201	7,110	7,110	1,737.72	-
3.2.2.1.	To ensure the functioning of the Agency for Science, Innovation and Technology.	500	500	500	0	-
3.2.2.2.	To ensure the functioning of the Research and Higher Education Monitoring and Analysis Centre.	292	292	292	0	-
3.2.2.3.	To ensure the functioning of the Centre for Quality Assessment in Higher Education.	470	470	470	0	-
3.2.2.4.	To ensure the functioning of the State Studies Foundation.	653	653	653	0	-
3.2.2.5.	To ensure the functioning of the Lithuanian Academy of Sciences.	2,695	2,695	2,695	1,737.72	RCL, LAS
3.2.2.6.	To ensure the functioning of the Research Council of Lithuania.	1,591	2,500	2,500		

⁴ Matches Clause 3.2.1.2 of the Plan.

3.2.3.	Measure: to ensure the functioning of the Strategic Council for R&D and Innovation.	0	0	0	0	-
3.2.3.1.	To manage the activities of the Strategic Council for R&D and Innovation.	0	0	0	0	-
3.2.4.	Measure: to raise the qualifications of experts working at expert institutions in the Lithuanian research and higher education system.	0	0	0	0	-
3.2.4.1.	To form a national group of experts on higher education.	0	0	0	0	-
3.2.4.2.	To manage the activities of the national group of experts on higher education.	0	0	0	0	-
3.2.5.	Measure: to strengthen the activities of institutions of research and higher education by consolidating their resources.	0	0	0	0	-
3.2.5.1.	To update the regulatory framework for research and higher education assessment and funding.	0	0	0	0	-
3.2.5.2.	To consolidate resources in the research and higher education system.	0	0	0	0	-
3.3.	Task: to improve the competency of institutions of research and higher education in public leadership and innovation management.	0	0	0	1,448.1	-
3.3.1.	Measure: to introduce modern and effective management in the system of research and higher education.	0	0	0	1,448.1	-
3.3.1.1.	To introduce and improve electronic tools designed for the management and administration of studies and higher education schools and of educational support, and to strengthen HEIs management competences.	0	0	0	1,448.1	VU, VGTU, KUT
3.3.1.2.	To organise professional development for the employees forming education and R&D policies.	0	0	0	0	RHEMAC
3.3.1.3.	To encourage institutions of research and higher education to utilise their innovative potential by protecting and managing their intellectual property rights, and to promote structural changes to ensure equal opportunities for women and men.	0	0	0	0	IRHE
	The state budget of the Republic of Lithuania (total):	297,375	298,913	299,526	-	-
	Funds from the EU structural funds for the period of 2014-2020 and co-financing funds (total):	-	-	-	591,163.69	-

SECTION II ACTION PLAN EVALUATION CRITERIA

No	Description and measure of evaluation criteria for objectives and tasks	Values of evaluation criteria		
		2016	2017	2018

1.	Strategic goal: through development of studies and implementation of R&D, to promote the sustainable growth of people and society to enhance the competitiveness of the country and create an environment for innovations.			
2.	E-1. The share of 30–34-year-old residents with a higher education degree or its equivalent (in percentages).	No less than 40	46.5	46.0
3.	E-2. General expenditure for R&D (percentages of GDP).	1.2	1.25	1.3
4.	E-3. The share of added value created by high- and medium-high-tech manufacturing sector in comparison with total added value created by the entire manufacturing sector (in percentages).	25	25	26
5.	1. Objective: to develop a favourable environment for capable and motivated individuals to become highly qualified professionals who will realise themselves in conformity with the expectations of the state and society.			
6.	R-1-1. The share of 25–34-year-old residents who study in the formal education system (in percentages).	7.5	7.7	7.8
7.	R-1-2. The share of students who have studied abroad for part of their study programme in comparison with the total number of students (in percentages).	9	9.5	10
8.	R-1-3. The share of lecturers who have participated in the <i>Erasmus</i> mobility programme (in percentages).	10	10	10
9.	R-1-4. The number of Lithuanians living abroad who study in Lithuanian HEIs and receive support from the state.	150	150	150
10.	1.1. Task: to ensure the accessibility of study programmes, that are chosen by the applicants thoughtfully and having considered the information available.			
11.	P-1-1-1. The number of national information systems and portals providing information on the opportunities to study in institutions of higher education in Lithuania.	5	5	5
12.	P-1-1-2. The ratio between the applications meeting the provisions of the Descriptor ⁵ and the loans extended through the State Studies Foundation (in percentages).	85	85	85
13.	P-1-1-3. The share of students whose interest on state-backed loans to cover tuition fees are subsidised during their studies in comparison with the total number of students who had received such loans (in percentages).	85	85	85
14.	P-1-1-4. The ration between the individuals entitled to social scholarships and those who had actually received social scholarships (in percentages).	100	100	100
15.	P-1-1-5. The share of students in physics and engineering study programmes in comparison with the total number of students (in percentages).	24	24.5	25

⁵ The Descriptor of the procedure for the granting, management and repayment of state loans and state-backed loans to students as approved by Resolution No 480 of the Government of the Republic of Lithuania of 27 May 2009 On the approval of the Descriptor of the procedure for the granting, management and repayment of state loans and state-backed loans to students.

16.	1.2. Task: to continuously update and improve the content and process of study programmes by cooperating with social partners, to improve the qualification of lecturers.			
17.	P-1-2-1. The number of institutions of higher education in Lithuania that are among the top 500 universities as ranked by the Academic Ranking of World Universities (ARWU)..	0	0	1
18.	1.3. Task: to continue the internationalisation of education and strengthen the international recognition of Lithuania's higher education.			
19.	P-1-3-1. The number of joint study programmes.	15	30	30
20.	P-1-3-2. The number of institutions of higher education that provide academic recognition for skills and qualifications related to higher education (in percentages).	10	10	10
21.	P-1-3-3. The ratio of Bologna region students arriving and departing for periods of studies in/from Lithuania.	0.25	0.4	0.45
22.	1.4. Task: to renovate the infrastructure and environment of higher education.			
23.	P-1-4-1. The share of institutions of higher education that have established and developed infrastructure for campuses (in percentages).	0	0	5
24.	P-1-4-2. The number of infrastructure development projects in progress consistent with the development directions defined in the programmes for the development of integrated research, higher education and business hubs (valleys) and related with the concentration of the potential of universities.	1	1	2
25.	1.5. Task: to create a favourable environment of the provision of services for lifelong learning in institutions of higher education.			
26.	P-1-5-1. The share of institutions of higher education that have implemented models for the recognition of the skills acquired by way of non-formal education (in percentages).	90	90	90
27.	2. Objective: to create new knowledge and provide an environment in which science, business and culture integrate with each other and in that way strengthen the advantages of the country.			
28.	R-2-1. R&D expenditures of institutions of higher education and the government (percentage of GDP).	0.74	0.77	0.8
29.	R-2-2. R&D expenditures of the business sector (percentage of GDP).	0.5	0.55	0.6
30.	R-2-3. The number of applications submitted for European and international patents by Lithuanian entities.	80	90	100
31.	2.1. Task: to train highly qualified researchers and strengthen and mobilise the human potential in R&D for the development of smart specialisation.			
32.	P-2-1-1. The share of publications of researchers at institutions of research and higher education in Lithuania that are among the 10% of the most quoted science publications in the world (in percentages).	7	7.25	7.5
32.	P-2-1-2. The number of PhD (ISCED 6) graduates per one thousand 25–34-year-old residents.	1.07	1.08	1.09

33.	2.2. Task: train the specialists working in the institutions that promote cooperation between the public and private sectors in R&D and innovations based on new knowledge and strengthen their skills in the transfer of knowledge and technologies.			
34.	P-2-2-1. Number of joint public and private sector publications per one million residents.	6	7	8
35.	P-2-2-2. Number of researchers working in the private sector (thousands).	3.6	3.7	3.8
36.	2.3. Task: to promote inter-institutional, cross-sectoral, and international cooperation for the development of high-level research projects and R&D projects directed at solving issues of strategic importance to the public and society as well as projects promoting economic development.			
37.	P-2-3-1. The revenue received by institutions of research and higher education from participation in international programmes (millions €).	6.66	6.87	7.09
38.	2.4. Task: to rapidly increase the commercial and non-commercial use of the results of R&D projects.			
39.	P-2-4-1. The number of patent applications submitted by the institutions of research and higher education.	35	40	45
40.	P-2-4-2. The share of total R&D expenditures in the field of humanities and social sciences (in percentages).	28	28	28
41.	2.5. Task: to develop, renovate and mobilise infrastructure for R&D, thereby forming conditions for the creation of knowledge and innovations.			
42.	P-2-5-1. Number of international research foundations that Lithuania is a member of.	3	4	6
43.	3. Objective: to ensure the functioning of a system of education and R&D that is based on data, information and evidence as well as professionalism and trust.			
44.	R-3-1. The share of institutions of research and higher education that received positive evaluation in comparison with all institutions that have been evaluated (in percentages).	70	74	76
45.	R-3-2. The share of study programmes accredited for 6 years in comparison with all accredited study programmes (in percentages).	60	60	60
46.	R-3-3. The share of institutions of research and higher education that implement and use management information systems (in percentages).	70	70	70
47.	3.1. Task: to ensure the high-quality monitoring, analysis, evaluation and forecasting that is necessary for the effective functioning of the system of research and higher education.			
48.	P-3-1-1. The share of higher education institutions that performed self-assessments in comparison with all higher education institutions (in percentages).	75	100	100
49.	P-3-1-2. The share of institutions of research and higher education for which a national level external evaluation was initiated in comparison with the total number institutions of research and higher education (in percentages).	100	100	100

50.	3.2. Task: to create conditions for the improvement of the management of institutions of research and higher education by increasing their openness and accountability to the public.			
51.	P-3-2-1. The share of institutions of research and higher education successfully applying quality management systems (in percentages).	100	100	100
52.	3.3. Task: to improve the competency of institutions of research and higher education in public leadership and innovation management.			
53.	P-3-3-1. Cooperation between universities and business sector (out of 144 countries).	Ranked 16th	Ranked 16th	Ranked 16th
