



SUMMARY REPORT

on external review
of the cluster of educational programmes in

- «Agroengineering» (35.03.06, 35.04.06),
- «Production and Processing technology of Agriproducts» (35.03.07),
- «Technologies, Mechanical Equipment, Power Engineering Equipment in Agriculture, Forestry and Fishery» (35.06.04),
- «Agricultural Mechanization» (35.02.07),

Delivered by the Buryat State Academy of Agriculture

While preparing this Summary Report we used information from the Self-Evaluation Report and the Report on the External Review of the cluster of educational programmes in «Agroengineering» (35.03.06, 35.04.06), «Production and Processing technology of Agriproducts» (35.03.07), «Technologies, Mechanical Equipment, Power Engineering Equipment in Agriculture, Forestry and Fishery» (35.06.04), «Agricultural Mechanization» (35.02.07), delivered by the Buryat State Academy of Agriculture.

The presentation document for the use by the National Accreditation Board.

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GENERAL INFORMATION ON EDUCATIONAL INSTITUTION

Full name of the educational institution	<i>Federal State Autonomous Educational Institution of Higher Education «V.P. Filippov Buryat State Academy of Agriculture»</i>		
Founders	<i>Ministry of Agriculture of the Russian Federation</i>		
Year of foundation	<i>1931 – Buryat-Mongol Agroped institute 1932 – Buryat-Mongol Zootechnic Institute 1935 – Buryat-Mongol Zooveterinary Institute 1960 – Buryat-Mongol Agricultural Institute 1995 – Buryat State Academy of Agriculture 1998 – «V.P. Filippov Buryat State Academy of Agriculture» 1998 – FSEI «V.P. Filippov Buryat State Academy of Agriculture» 2011 – FSBEI «V.P. Filippov Buryat State Academy of Agriculture» 2014 – Federal State Autonomous Educational Institution of Higher Education «V.P. Filippov Buryat State Academy of Agriculture»</i>		
Location	<i>Pushkin Str., Ulan –Ude, Buryat Republic 670024, Russia</i>		
Rector	<i>Galsan Dareev, Candidate of Economics, Associate Professor</i>		
License	<i>Series 90Л01 №8529 reg. №1528 dated 01.07.2015, permanent</i>		
State Accreditation	<i>Certificate of State Accreditation, Series 90A01 № 2415, reg. №2293 of 14.10.2016 valid till 09.12.2020</i>		
Number of students	<i>3538 Among them:</i>		
	<i>Full-time</i>	<i>2022</i>	
	<i>Part time</i>	<i>1516</i>	

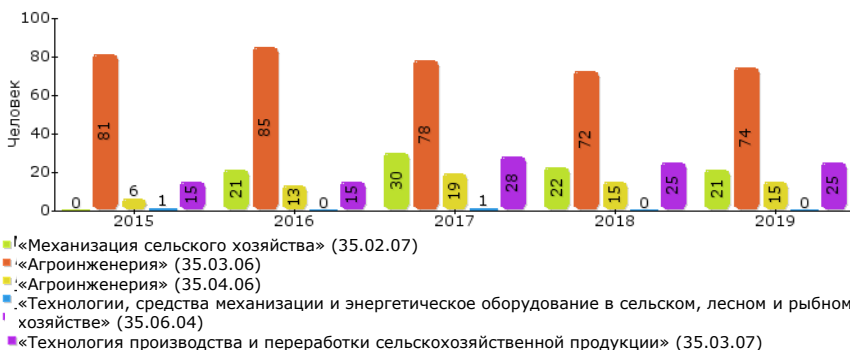
INFORMATION ON THE EDUCATIONAL PROGRAMMES UNDERGOING ACCREDITATION

Educational programmes	<p>«Agroengineering» (35.03.06), «Agroengineering» (35.04.06), «Production and Processing technology of Agriproducts» (35.03.07), «Technologies, Mechanical Equipment, Power Engineering Equipment in Agriculture, Forestry and Fishery» (35.06.04), «Agricultural Mechanization» (35.02.07)</p>
Level of training / Standard period of training	<p>Bachelor's Degree Programme / 4 years Specialist Degree Programme/ 5 years Master's Degree Programme / 2 years Postgraduate Programme / 3 years Secondary VET Programme / 2 years 10 months</p>
Structural subdivision (head)	<p>Agrotechnical College (Tatyana Amagyrova, Candidate of Biological Science, Associate Professor) Faculty of Engineering (Nikolay Tatarov, Candidate of Technical Sciences, Associate Professor) Faculty of Technology (Konstantin Luzbaev, Candidate of Agricultural Sciences, Associate Professor)</p>
Major departments (heads)	<p>Department of Machanization of Agricultural Processes (Daba Radnayev, Doctor of Technical Sciences, Associate Professor) Department of Technical Servicing and Operation of of Automotive Equipment (Alexander Pekhutov, Doctor of Technical Sciences, Associate Professor) Department of Electrification and Automation of Agriculture (Munko Baldanov, Candidate of Technical Sciences, Associate Professor) Department of Technology of Production, Processing and Standardization of Agricultural Products (Professor Dylgyr Garmayev)</p>
Date of the site visit	03-05 December 2019
Persons responsible for public accreditation	<p>Nikolay Tatarov, Candidate of Technical Sciences, Associate Professor , Acting Dean, Faculty of Engineering Erzhena Imeskenova, Candidate of Agricultural Sciences, Associate Professor, Head of the Educational and Methodological Department Nina Tumurkhonova, Candidate of Historical Sciences, Leading Specialist on Independent Quality Evaluation of Education</p>

SAMPLING RESULTS OF THE PROJECT «THE BEST EDUCATIONAL PROGRAMMES OF INNOVATIVE RUSSIA»

Indicators	2020
Cluster of the educational programmes in «Agroengineering» (35.03.06, 35.04.06), «Production and Processing technology of Agriproducts » (35.03.07)	
Number of the given programmes in the RF	223
Number of higher educational institutions to offer the given programmes	82
Number of programmes – winners of the project (% from total amount of these programmes offered in the RF)	51 (22,9%)
Buryat Republic	
Number of the given programmes offered in the region	5
Number of programmes – winners of the project (% from total amount of these programmes offered in the region)	3 (60%)
Number of higher educational institutions and branches in the region	8
Total number of programmes offered in the region	248
Total number of programmes – winners of the project (% from total amount of these programmes offered in the region)	32 (13%)

REFERENCE DATA ON STUDENT ENROLLEMENT FOR EDUCATIONAL PROGRAMMES



ACHIEVEMENTS OF THE EDUCATIONAL PROGRAMMES

Quality of the delivered educational programmes

The quality of the study programmes is ensured by the highly qualified teaching staff; the involvement in the educational process of practitioners from the number of employers and heads of departments of the Ministry of Agriculture of Buryat Republic.

The Academy has connections with many foreign HEIs; there is close cooperation with employers; international mobility programmes are available to teachers and students; teaching and learning materials in all disciplines are regularly updated.

Providing up-to-date content of education

The up-to-date content of education provides continuous enhancement of the quality of educational process through: researching requirements and needs of the main consumers of educational programmes and timely responding to their changes. The Sociological Laboratory of the Academy conducts satisfaction monitoring of all categories of the participants of the educational process. The results of the monitoring are used for enhancing the content of education; for developing and implementing quality assurance policy by all interested parties (administration, teaching staff, students) through relevant structures and involvement of other stakeholders (employers, line ministries and departments); establishing and developing sustainable and mutually beneficial cooperation with employers; satisfying the needs of students in intellectual, cultural, spiritual and moral development.

Teaching staff

The basic education and the level of qualification of the teaching staff implementing the programmes under accreditation meet the specified requirements. 35 teachers are involved in the implementation of the study programmes under accreditation. The share of the teachers having academic credentials is 73,5%: 6 staff members have a degree of Doctor of Science. The majority of the teachers are winners and prize holders of different competitions and awards. The teachers regularly upgrade their qualification through internships, professional advancement and retraining programmes. Representatives of employers, heads and leading specialists of state and municipal power bodies are involved in the educational process.

Independent assessment of knowledge

Independent assessment of the quality of education and training of students is carried out by way of their participation in Olympiads, contests, research and practice conferences, competitions of research papers of different levels. The results of the defense of qualification works, reviews by research supervisors and external reviewers, reports of the State Examining Boards, victories in scholarship competitions and

awards for achievements in professional activities, opinions of employers and supervisors of work placement – all these make it possible to evaluate the achieved professional competences and development of personal qualities of specialists.

Educational resources

The laboratory equipment is adequate and sufficient for training the students of the programmes «Agroengineering» and «Production and Processing technology of Agriproducts».

The work placement is held at the companies and enterprises of the relevant field.

The Academy's Library is stocked with printed and electronic editions (including text books and teaching guide books), methodological and periodic editions in study courses, disciplines (modules). The electronic resources of the Academy's library are represented by internal and external full text and bibliographical databases, electronic libraries and ELS. The teachers and students have access to ELS of the Publishing Houses «Lan'», «Infra-M» «Znanium.com», ELS Urite, whose resources meet the requirements of delivered study programmes.

Research activity

In the period of 2015 - 2019 the teachers of the programmes under accreditation published 2 monographs, 94 articles in the journals recommended by HAC, 162 publications in different national and international editions, 3 articles indexed in Scopus, 2 – Web of Science. 11 patents for inventions and utility models have been obtained. There are two research schools at the major departments, whose representatives carry out research into agroengineering and production and processing technology of agriproducts.

In 2018 the project «The study of aboriginal cattle in Buryat Republic and identification of its utility character» commissioned by the Ministry of Education and Science of Buryat Republic was completed.

Academic mobility of students

The Department of International Relations of the Academy is in charge of organizing international and national academic mobility, supervision of undergraduate and post graduate students and teachers participating in mobility programmes; it also carries out expert and analytical support of academic mobility involving leading researchers and experts.

Every student of the Academy has an opportunity to participate in exchange programmes implemented in the framework of inter-institutional agreements in the programme EC ERASMUS + KA1. Under the cooperation agreements the students of the Faculty of Engineering can participate in exchange double degree programmes with Mongolian Universities; the students of the Faculty have work placement in Germany and Sweden.

Employability of graduates

There is Service for employment of graduates at the Academy, which organizes training seminars, meetings with employers, presentations of companies and informs students about vacancies. It also carries out the analysis of employability of the Academy's graduates. The share of employed graduates in the recent years is on average 70,17%.

International projects

Within the framework of the international programme Tempus 544132-JPCR «TRADPRO» a cycle of lectures by international lecturers from Agricultural School of Montpellier (France) and University of Pisa (Italy) was organized.

The staff of the Department of Technology of Production, Processing and Standardization of Agricultural Products participate in the implementation of such international grant programmes as Tempus 544132- JPCR «TRADPRO»; Erasmus Mundus IAMONET RU; Erasmus+ SARUD; ERASMUS + LEATHUB.

Within the project TEMPUS «TradPro» – 4 teachers had internship in the Higher Agricultural School of Montpellier (France), the University of Pisa (Italy), Kustanai State University (Kazakhstan).

Within the project ERASMUS+KA1 one of the teachers participated in a short term mobility programme in Banat University of Agricultural Sciences (Romania).

EXTERNAL REVIEW PANEL



Dmitry Pirozhkov (Barnaul)

Review Chair, Russian expert

Doctor of Technical Sciences, Associate Professor, Dean of the Faculty of Engineering, Altai State Agrarian University

Nominated by the Guild of Experts in Higher Education



Sergei Ilyin (Irkutsk)

Deputy Review Chair, Russian expert

Candidate of Technical Sciences, Associate Professor, Dean of the Faculty of Engineering, Irkutsk State Agrarian University

Nominated by the Guild of Experts in Higher Education



Sergey Mironov (Ulan-Ude)

Panel member, representative of professional community

Deputy Director, Department of Economy, Ministry of Agriculture and Production of Buryat Republic

Nominated by the Ministry of Agriculture and Production of Buryat Republic



Saruna Norboyeva (Ulan-Ude)

Panel member, representative of students

1st year Master student of D. Banzarov Buryat State University

Nominated by D. Banzarov Buryat State University

INFORMATION ON THE LEADING TEACHERS OF THE EDUCATIONAL PROGRAMMES

Yury Sergeev

Doctor of Technical Sciences, Professor at the Department of Machanization of Agricultural Processes, Honorary Worker of Higher Education of the Russian Federation, Honorary Worker of Science of Buryat Republic

Daba Radnayev

Doctor of Technical Sciences, Associate Professor, Head of the Department of Machanization of Agricultural Processes, Honorary Engineer of Buryat Republic

Alexander Pekhutov

Doctor of Technical Sciences, Associate Professor, Head of the Department of Technical Servicing and Operation of Automotive Equipment, Honorary Educationalist of Buryat Republic

Dumdin Labarov

Doctor of Technical Sciences, Professor at the Department of Technical Servicing and Operation of Automotive Equipment, Honorary Worker of Higher Education of the Russian Federation, Honorary Educationalist of Buryat Republic

Nikolay Khusayev

Candidate of Technical Sciences, Associate Professor at the Department of Electrification and Automation of Agriculture, Honorary Worker of Higher Education of the Russian Federation

Tsyrenzhap Dambayev

Candidate of Technical Sciences, Professor at the Department of Technical Servicing and Operation of Automotive Equipment, Honorary Worker of Higher Education of the Russian Federation, Honorary Engineer of Buryat Republic

Nikolay Tatarov

Candidate of Technical Sciences, Associate Professor, Acting Dean of the Faculty of Engineering, Honorary Worker of AIC of Buryat Republic

COMPLIANCE OF THE EXTERNAL REVIEW OUTCOMES WITH THE STANDARDS

STANDARD 1. Policy (goals, development strategy) and quality assurance procedures of the educational programme

Compliance with the standard: **full compliance**

Good practice:

The Academy's developmental strategy ensures continuous enhancement of the documented inner quality assurance system. The staff of all the Academy's units participate in the processes and procedures of the inner quality assurance system.

Representatives of employers and line ministries and departments take part in the development and implementation of the quality assurance policy.

In order to ensure the effective quality management system the Academy developed, certified and implemented ISO 9001-2015 quality management system.

Areas for improvement:

It is recommended that information boards on the main aspects of the inner quality assurance system should be placed at the Academy.

The documents about the system of inner quality assurance, which meets the requirements of ISO 9001-2015, should be publicly available.

It is recommended that the key local regulatory acts on the organization of the academic process should be placed in the English version of the Academy's site.

STANDARD 2. Design and approval of programmes

Compliance with the standard: **full compliance**

Good practice:

A well-defined mechanism of updating and correcting basic educational programmes is in place, both at the level of faculties/colleges and at the level of Academy.

The programmes are oriented towards the requirements of the labour market, professional standards, strategic documents and programmes of the federal and regional level.

The internationalization of the teaching and research activities is carried out through the participation in international projects and programmes.

Areas for improvement:

The involvement of employers in developing educational programmes should be expanded in order to build the competencies required by employers.

It is recommended to expand training for worker occupations (e.g. operator of a mobile mechanical loader).

It is recommended to increase the number of internships and qualification advancement of teachers in the leading Russian and foreign educational and research institutions.

STANDARD 3. Student-centered learning and assessment

Compliance with the standard: **full compliance**

Good practice:

Various forms of independent assessment of students' knowledge and competences with the involvement of intended employers are used. The students participate in the events of different levels, which help to effectively assess the quality of education and training.

An effective comprehensive system of cooperation with graduates is in place.

Areas for improvement:

It is recommended to develop a regulatory document on encouraging students to take an active part in the joint developing of the academic process.

The students should be timely informed about the forthcoming procedures of interim and final attestation.

STANDARD 4. Student admission, support of academic achievements and graduation

Compliance with the standard: **full compliance**

Good practice:

There is a system for support of students' academic achievements at the Academy. The target selection of applicants is organized with the help of the Academy's staff participating in the career guidance work. The educational programmes are widely disseminated in the Internet and mass media.

Areas for improvement:

It is recommended to involve students of secondary schools and Vet-institutions in the olympiads and conferences organized by the Academy.

It is advisable to set up cooperation with foreign educational institutions in order for education certificates to be recognized abroad.

STANDARD 5. Teaching staff

Compliance with the standard: **full compliance**

Good practice:

An increased share of the teachers with academic credentials as a result of an effective system of hiring and career development of the teaching staff.

A high performance level and research potential of the teachers.

The involvement of practitioners and foreign partners in the educational process.

Areas for improvement:

It is recommended that the results of the teachers' research should be implemented in the academic process.

It is recommended to enhance the language competences of the participants of the educational process in order to effectively implement foreign good practice and strengthen international ties.

STANDARD 6. Learning resources and student support

Compliance with the standard: **substantial compliance**

Good practice:

The educational programmes are provided with material and technical resources in accordance with the requirements of the curriculum. The Academy's infrastructure provides for quality education of students.

Имеется отлаженная система работы с электронными библиотечными ресурсами.

Areas for improvement:

A long-term action plan should be developed in order to up-date the material and technical resources and program software.

Measures should be undertaken in order to improve the infrastructure for special needs students.

Students should be better informed about the possibilities of academic mobility and its support system.

STANDARD 7. Collection, analysis and use of information for managing the educational institution

Compliance with the standard: **full compliance**

Good practice:

The Academy has in place an effective system for collecting and analyzing feedback on educational programmes.

The availability of an effective unified information network.

Areas for improvement:

It is recommended that steps should be undertaken in order to enhance the use of unified information network in the teaching process and management of the educational programme.

It is recommended to improve the feedback system from graduates in order to enhance the educational process.

STANDARD 8. Public information

Compliance with the standard: **full compliance**

Good practice:

Academy's resources are available for disseminating information about the study programmes.

Complete and current information on the website about the study programmes is available to all internal and external stakeholders. Regular updating of information and prompt coverage of the students achievements, teachers and staff on the site and in other information resources.

Areas for improvement:

It is necessary to strengthen cooperation with other educational institutions and professional communities, including international ones, for the purpose of information exchange and advancement of the study programmes.

An alumni association should be established in order to promote the Academy's image in the educational environment.

STANDARD 9. On-going monitoring and periodic assessment of the educational programmes

Compliance with the standard: **full compliance**

Good practice:

Availability at the Academy of the procedures of regular reviewing and updating educational programmes in compliance with the labour

market requirements and with the latest achievements in professional fields in accordance with the fields of the programmes under accreditation and expectations of students and employers.

All stakeholders are timely informed about changes in the educational process.

Areas for improvement:

It is recommended that prospective employers should be involved in regular evaluation and monitoring of the quality of educational programmes.

STANDARD 10. Cyclical external quality assurance of the educational programmes

Compliance with the standard: **full compliance**

Good practice:

The programmes under review are state accredited.

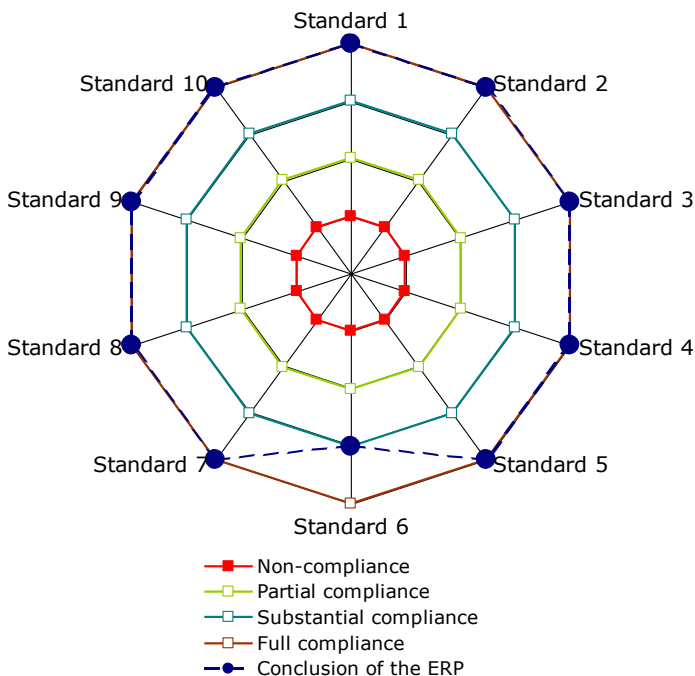
Employers and representative of stakeholders are involved in the external evaluation of the programmes of the cluster.

Areas for improvement:

It is recommended that participation in the procedures of independent evaluation of the quality of educational programmes should be continued.

It is advisable to consider the possibility of international public accreditation of educational programmes.

DISTRIBUTION DIGRAM OF THE EXTERNAL REVIEW OUTCOMES



- Standard 1. Policy (goals, development strategy) and quality assurance procedures of the educational programmes
- Standard 2. Design and approval of programmes
- Standard 3. Student-centered learning, teaching and assessment
- Standard 4. Student admission, support of academic achievements and graduation
- Standard 5. Teaching staff
- Standard 6. Learning resources and student support
- Standard 7. Collection, analysis and use of information for managing the educational institution
- Standard 8. Public information
- Standard 9. On-going monitoring and periodic assessment of the educational programmes
- Standard 10. Cyclical external quality assurance of the educational programmes

CONCLUSION OF THE EXTERNAL REVIEW PANEL

Based on the self-evaluation report analysis, documents and data submitted the External Review Panel has come to the conclusion that the cluster of the educational programmes «Agroengineering» (35.03.06, 35.04.06), «Production and Processing technology of Agriproducts» (35.03.07), «Technologies, Mechanical Equipment, Power Engineering Equipment in Agriculture, Forestry and Fishery» (35.06.04), «Agricultural Mechanization» (35.02.07) **fully comply** with the standards and criteria of public accreditation of the National Centre for Public Accreditation.

The Panel recommends that the National Accreditation Board accredit the cluster of the educational programmes «Agroengineering» (35.03.06, 35.04.06) «Production and Processing technology of Agriproducts» (35.03.07), «Technologies, Mechanical Equipment, Power Engineering Equipment in Agriculture, Forestry and Fishery» (35.06.04), «Agricultural Mechanization» (35.02.07) delivered by the Buryat State Academy of Agriculture for the period of **6 years**.

SCHEDULE OF THE SITE VISIT OF THE EXTERNAL REVIEW PANEL

Time	Activity	Participants	Venue
December 3, Tuesday			
8.45	Arrival at the Academy		8, Pushkin Str. Room 251
09.00 – 11.00	Training for the ERP members		8, Pushkin Str. Room251
11.00 – 12.00	Meeting of the ERP with the Academy's administration and people responsible for accreditation	Rector, Vice-Rectors, people responsible for accreditation, ERP	8, Pushkin Str. Room 251
12.00 – 13.00	Tour of the Academy (visiting classrooms, library, etc.)	ERP	8, Pushkin Str.
13.00 – 14.00	Lunch		
14.00 – 14.30	Internal meeting of the Panel	ERP	8, Pushkin Str. Room251
14.30 – 16.00	Meeting with Directors of the Institutes/Deans	Institute Director, Deputy Directors, Deans, ERP	8, Pushkin Str. Room 251
16.00 – 16.30	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 361
16.30 – 17.30	Meeting with teachers	Teachers, ERP	8, Pushkin Str. Room515
17.30 – 18.00	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 521
18.00 – 19.00	Meeting with Graduates	Graduates, ERP	8, Pushkin Str. Room359
19.00 – 19.30	Internal meeting of the Panel	ERP	8, Pushkin Str. Room361

Time	Activity	Participants	Venue
December 4, Wednesday			
9.45	Arrival at the Academy		8, Pushkin Str. Room 361
10.00 – 11.00	Meeting with Heads of Departments	Heads of Departments, ERP	8, Pushkin Str. Room 359
11.00 – 12.00	Work with documents / attending classes (optional)	ERP	8, Pushkin Str. Room 361
12.00 – 13.00	Meeting with Bachelor students	students, ERP	8, Pushkin Str. Room 359
13.00 – 14.00	Lunch		
14.00 – 14.30	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 361
14.30 – 15.30	Meeting with post-graduate students	Meeting with post-graduate students, ERP	8, Pushkin Str. Room 359
15.30 – 16.00	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 361
16.00 – 17.00	Meeting with secondary VET students	secondary VET students, ERP	8, Pushkin Str. Room 359
17.00 – 17.30	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 361
17.30 – 18.30	Meeting with representatives of professional community	Employers, ERP	8, Pushkin Str. Room 359
18.30 – 19.00	Internal meeting of the Panel	ERP	8, Pushkin Str. Room 361
December 5, Thursday			
9.45	Прибытие в ФГБОУ ВО Бурятская ГСХА		8, Pushkin Str. Room 361
10.00 – 13.00	Internal meeting of the Panel: discussion of preliminary results of the site visit, preparation of the oral report of the panel	ERP	8, Pushkin Str. Room 361
13.00 – 14.00	Closing meeting of the External Review Panel with the representatives of the Academy	ERP, Academy's administration, Heads of the Graduate Departments, teachers, students	8, Pushkin Str. Room 251
14.00 – 15.00	Lunch		
	Departure		