



Erasmus+

Educational for Drone (eDrone)

(Project Number 574090-EPP-1-2016-1-IT-EPPKA2-CBHE-JP)

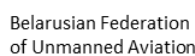
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Public-Private Collaboration

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	P15 ISU (Georgia) P16 TSU (Georgia) P17 BSU(Belarus)
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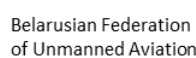


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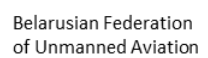




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1. Versioning and Contribution History

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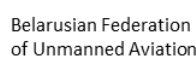
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2. Introduction / Foreword

The purpose of the eDrone project is to define a learning environment to provide more opportunities for access to new skills related to the use of drone technologies in professional activities. These new competences relate in particular to the use of advanced ICT solutions for using the information acquired with the help of drones. The use of drones by professionals will open new scenarios that require practical and theoretical knowledge that is beyond the simple management and manoeuvrability of drones: mechanical characteristics, detection equipment, processing and use of the information obtained, national and local laws governing the use of drones.

Accordingly to the Project description, **Work Package 7 (WP7) - Exploitation activities will report all the efforts made by all the 16 eDrone Partners**, led by the project Coordinator, P1-UNISANN, in order to have a successful project, a good model, to be followed.

With its 8 activities (7 reports and an event), WP7 has to focus on the general & specific contributions made in order to implement the project objectives, highlighting the contributions supplied so far by all 17 eDrone partners.

- The coordinator for A 7.5 is B4ENG, since they have experience as a private company, already working in research field together with academic partners.
- In writing this report, B4ENG was working closely with partners from Partner Countries (Armenia, Belarus, Georgia, and Moldova: i.e. P8 ... P17).

The goal of this A7.5 report is to document the experience of different partners on Public-private collaboration. The public-private relations should bring rapid transformation of innovation process and related business needs and strategies.

Along the eDrone project planned period, together with public and private companies, Partner Country partners were organizing internal meetings and visits, in order to promote importance of public-private partnership in the economic growth of Partner Country, as stated in the National Strategies from Partner Country Governments.



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In addition, Partner country partners, in cooperation with public and private companies of their countries, were promoting agreements between universities and businesses in order to work on project common interest.



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3. Description of private companies arising from promotion

In order to see the profile of the private companies and the possibility to make collaboration with them the following questions have been asked to the partners.

- How many private companies in your Partner Country you have contacted in order to propose collaboration?
- What is the percentage among them of SME, Middle-size and big industrials?
- What is the percentage of the companies that you get finally in touch?
- How many of those companies accepted your proposal for collaboration and valued it?

3.1 Moldova

P8 ACAPOL

P8 collaborated with 3 companies SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre); MOLDSILVA). Those companies are mostly Middle-size and big industrials. 2 among them accepted the collaboration that are SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre), they are associate partners in this Project -Educational for eDrone.

P9 MSU

P9 collaborated with 6 companies SRL „Moldavskie novosti”, SRL „Jurnal TV”, SRL „Cristalion Plus”, „Pro TV”, SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre), „Prointelgrup” SRL. All of them are SME. All these companies are in touch with Moldova State University: the employs from these entities attended the CIA courses during the first and second editions. 2 companies accepted proposal for collaboration and



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valued it SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre), they are associate partners in the eDrone project. Another 4 entities help the project team to promote the project results in the mass media. "Prointelgrup" SRL signed a cooperation agreement with Moldova State University.

P10 SAUM

At the beginning of the project, P10 eDrone team visited several agricultural companies that may serve as beneficiaries of eDrone project actives:

1. Crama Domnească Ltd
2. Dîngenarul Ltd
3. Glia-Vito ltd
4. SC Agro Girla ltd
5. S.C. Nova-Geea ltd
6. Vindex-Agro ltd.
7. Vivaj-Agro ltd

During the visits, using semi-structured interview techniques we determined each company needs in using the drone technologies. The acquired information has been systemized in the table below.

Table 1: Companies visited and their needs

Company name	Field of production	User needs in using Drone technologies
Crama domneasca ltd	Organic Wine Production	Monitoring of the phytosanitary statement of the vineyards Surveillance the vineyards



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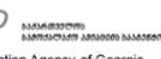
Dîngenarul ltd	Cultivation of field crops (rape, corn, sunflower, wheat, barley, peas and sugar beet). Total land area 2200 ha.	Soil testing, Field screening, Agricultural land mapping.
Glia Vito ltd	Wine grapes Table grapes Fruit production	Plant monitoring, Disease prevention, Disease outbreak detection. Elaboration of land maps, Surveying plantations.
Agro Gira ltd	Fruit and grain production	Plant monitoring, Disease prevention, Disease outbreak detection, Surveying plantations.
Nova-Geea ltd	Production of Apple, plums cherries	Plant monitoring, disease prevention, disease outbreak detection, Elaboration of land maps, Surveying plantations.
Vindex-Agro ltd	Production of Fruits	Plant monitoring, Disease prevention, Disease outbreak detection, Elaboration of land maps, Surveying plantations.
Vivaj-Agro ltd	Cultivation of field crops (rape, corn, sunflower, wheat, barley). Surface 1000 ha	Soil testing, Field screening, Agricultural land maps

Two other companies have been involved in eDrone activities later: NGA Infoconsulting ltd and Cabosal ltd



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All of the companies are SME. P10 get in touch with 3 companies: Glia Vito ltd, NGA Infoconsulting ltd and Cabosal ltd. 2 of them accepted proposal for collaboration and valued it: Glia Vito ltd, NGA Infoconsulting ltd and Cabosal ltd

P11 APA

In order to promote eDrone project and ensure its sustainability, PAA has established scientific collaboration relationships with several public and private authorities in the country: Ministry of Agriculture and Food Industry, Ministry of Transport and Road Infrastructure, Agency of Tourism, Moldsilva Agency, S.I. Geodesy, Technical Prospects and Cadastre "INGEOCAD", S.I. Institute for Development and Forest Research

3.2 Armenia

P12 ASUE

ASUE contacted 17 private companies in order to propose collaboration. All of them are between SME and Middle-size. ASUE and NPUA have started discussions regarding the collaboration opportunities with 11 companies (around 65%). 7¹ of them have accepted our proposal for collaboration with ASUE & NPUA.

P13 NPUA

In Armenia exists about 17 private companies, which are already engaged in the design, manufacture, exploitation and maintenance of UAVs. All of them are something between SME and Middle-size. Project participants from the National Polytechnic University of Armenia and Armenian State Economic University are visited 9 companies, which is about 65%. 5 of them fully accepted a proposal for cooperation

¹ The number has increased after NPUA's D7.5 report due to skype meetings with the companies.



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3.3 Belarus

P14 BSTU

The BSTU OED employees have made a presentation at the national-level exhibition to promote the importance of public-private partnership in the field of the drones' application for the economic growth of Belarus. BSTU have contacted several stated-owned and private companies and BSTU OED employees are currently collecting the requests by the state-owned and private-owned organizations that are related to the application of drones, which helps to transmit their proposals to each other.

P17 BSU

P17 contacted 4 private companies in order to propose collaboration and 100% of them with those SME. BSU get in touch with 2 of those companies and get one agreement for collaboration.

A closed Joint Stock Company "Aviation Technologies and Systems" between eDrone + Partners Agreement was signed.



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Figure 1 Signature of Agreement

3.4 Georgia

P15 ISU

The unfortunate reality is that there is only one private company in the field of drones in Georgia. This company is called Copter. They started as DJI reseller and their main business in the beginning was shooting weddings, but now they are trying to move to more interesting areas. We met with them several times.

There are also several start-ups which are all at a problem/solution stage of a development. We also met with them and helped with talking to their customers' part. One company is developing Agro Drone that has benefits that decrease costs and increase efficiency



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several times for farmers. And the other is still in the phase of a technology looking for a problem.

So, as you see we got in touch with 100% of these companies. One of this company was even in our Start-up Program Venture Elevator, and won the prize. All of these companies accepted our proposal for collaboration and valued it.

P16 TSU

In Georgia the field of Drones production and usage is very new, but it can be said that after the project eDrone has started since 2016 the market has become bigger. The new players, start-ups are emerging in the field. But still, there are very few companies in the market. In the framework of eDrone Project P16 TSU found out 1 industrial partner, which became the associate partner of the project. This is company "Copter" which has become SME during this period. Also, company ltd Aidem" is operating in the field of cartographic and the specialist of drones are very useful for them. There are two companies Gdrone and Mymobile are present in the market, they produce and built civil drones in Georgia. Mainly, In Georgia in the market of civil drones the companies are SME and Middle-sized. Some start-ups have emerged as well.

We have got in touch with 100% of the companies that we researched were present in the Georgian Market in the field of civil drones. All companies are interested in collaboration with the University and are glad that there will be available the course in Drones usage and certified people will be available in the market. At least two companies are ready to offer internships to the successful graduates of the course.

Tab 2: Number and profile of contacted private companies

Partner	Number of private companies contacted	Percentage of SME	Nr/% companies get in touch	Nr/% accepted collaboration
P8-ACAPOL	3	0%	2	2
P9-MSU	7	100%		1



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P10-SAUM	8	100 %	3	2
P11-APA				
P12-ASUE	17	100%	11	7
P13-NPUA	17	100%	9	5
P14-BSTU				
P15-ISU	3	90%	100%	100%
P16-TSUP	1 + several		100%	100%
P17-BSU	4	100%	50%	

Summary of contacted companies' description is given in table above. We can see that in most of cases the majority of the contacted companies are the SME and that the partners could get in touch with almost all of them. Yet, less than half of contacted companies accepted the proposal for collaboration in most of the countries.



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4. Description of meetings and visits used for promotion

Question addressed to the partners countries to know more about the number of meetings and method of their organisation were:

- How many meetings/workshops you have organized in order to promote the public-private partnership?
- How many visits you made to the different companies?
- What is the method you used to contact the companies: mail, phone or physical appointment?
- Which method of contacting companies proved to be more efficient?

4.1 Moldova

P8 ACAPOL

In order to inform about the importance of the use of drones in daily days, ACAPOL organized a Consortium Meeting on December 7-8, 2017, within the “eDrone” project, where representatives of both state and private companies were invited for the purpose, to familiarize them with the field of drone use. Thus among the invited companies we can mention: ICEVO; INGEOCAD; MOLDSILVA. ICEVO (Mr Igor Railean had a communication on the topic “Technologies in the field of drones: design and implementation”)



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1st Consortium Meeting, Chisinau, December 7-8, 2017 „ EDUCATIONAL FOR DRONE (eDRONE) ”



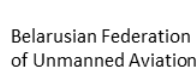
Figure 2: Consortium meeting, Chisinau, Dec 2017

ACAPOL organized 3 visits to the contacted companies. The mentioned institutions were contacted by telephone to delegate a representative for participation in the event indicated above, and they showed an increased interest in the field of the use of drones. All these methods are accepted: mail, phone or physical appointment



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P9 MSU

In order to promote the partnership and collaboration with the entities MSU organised regularly meetings and participated in the promotional events (conferences, symposiums, brokerage events). MSU made 4 visits to different companies. The MSU eDrone team used to contact the companies firstly via e-mails or phone and then to delegate a representative for a visit or they visited our OED in order to promote both the OED and the activities within the Lab. All these methods are efficient: mail, phone or physical appointment depends on the purpose of the meeting.

P10 SAUM

Organized 7 meetings and workshops and made 7 visits to different companies. For contacting the companies, they used different means of communication mail, phone et physical appointments. The last ones were the most efficient to establish collaboration.

P11 APA

In order to promote public-private relationship the meetings and internal visits to the companies have been organised. We organized two events with the participation of the representatives from the institutions, with which they established collaboration:

Round table "Drones: Between experiment and necessity", Chisinau, APA, October 3, 2017

<http://aap.gov.md/ro/article/evenimente-events>

Workshop "Application of drones: interference between public and private sectors", December 5th, 2018

<http://aap.gov.md/ro/news/atelier-de-lucru-privind-aplicarea-dronelor-desf%C4%83%C8%99urat-la-academia-de-administrare-public%C4%83>

The promotion of the objectives of the eDrone project is achieved by using the following means:



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- the website of the Academy of Public Administration;
- Newspaper Public Employee;
- Quarterly methodological-scientific journal Public administration

4.2 Armenia

P12 ASUE

3 dissemination workshops and about 20 different meetings were organized. They made around 18 visits to different companies. The main methods for contacting were email, phone and physical appointments. All the methods were parts and sequential steps of the final success. Of course, the final results have been obtained due to the physical appointments.

P13 NPUA

3 dissemination workshops and about 20 different meetings were organized. About 14 visits (some companies are visited twice or thrice) were made. To contact the companies all three methods were used: mail, phone and physical appointment. The mails about eDrone project description, its aims and objectives were sent to all companies engaged in industry. After some period of time there were telephone calls and finally meetings were appointed with 9 interested companies. The most efficient method is physical meetings.

4.3 Belarus

P14 BSTU

The BSTU OED employees have made a presentation at the national-level exhibition to promote the importance of public-private partnership in the field of the drones application for the economic growth of Belarus.



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The presentations have been made at the III Belarus ICT Summit, 10.04.2019. The TIBO Forum is held in the Republic of Belarus on an annual basis and represents a platform for the exchange of new achievements and best practices in the field of information technology.

P17 BSU

BSU organized 5 meeting and workshops in order to promote the public-private partnership. In total 3 visits were made to different companies. The methods used for communication were mail, phone and physical appointment. Most efficient method was physical appointment.

4.4 Georgia

P15 ISU

We organized 14 meetings to promote public-private partnership. Since there are three companies, most of the meetings were with AgroDrone, because it was also member of our Venture Elevator Program. We did 4 visits to 3 companies mentioned above. Method of contacting was social media/messenger. No one uses land phones and mail in Georgia.

Naturally social media is the most efficient method, since these companies are run by young generation.

P16 TSU

P16 Tbilisi State University organized 5 meetings to promote public – private partnerships. Among them with the Georgia's Aviation Agency, they became the associate partner of the eDrone Project, also visit at the National Environmental Agency of Georgia, this is the public sector where drones usage in the field work is highly valuable and needy.

There were visits to four different private companies who are related in the field of Drones. In the process of communication three methods of contact were used, mails, phone calls



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and physical appointments. We could say that phone calls and physical appointments are the most efficient.

Table below is summarizing the meetings and method of communication with the private companies. The meeting and workshop were organized regularly in partner countries. Different methods for communication with the private companies are used and visit in most cases turned to be most efficient method for establishing the collaboration.

Table 3: Meetings organisation

	Nr of meetings	Number of visits	Method for contact	most efficient
P8-ACAPOL	1	3	Phone	All
P9-MSU	Regularly	4	Mails, visits	All
P10-SAUM	7	7	Mail, phone, visits	Visits
P11-APA				
P12-ASUE	23	18	Mail, phone, visits	Visits
P13-NPUA	23	14	Mail, phone, visits	Visits
P14-BSTU				
P15-ISU	14	4	Social media, messenger	Social media
P16-TSUP	5	4	Mail, phone, visits	Phone, visits
P17-BSU	5	3	Mail, phone, visits	Visits



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5. Description of partnership program

To describe their partnership program on this project with industrial the partner countries were supposed to answer two questions:

- Describe the methods of collaboration you propose to your industrial partners: i.e. involving the partner in participation on research project, financial contribution, infrastructure contribution, etc.
- Describe organization, governance and management of the collaborative projects.

5.1 Moldova

P8 ACAPOL

These companies (partners) are involving in participation on research project. Thus among the invited companies we can mention: ICEVO - provides services in the field of computer science; INGEOCAD - performs topogeodesy, mapping, tourism activities; Moldsilva - is the central administrative authority in the field of forestry and hunting, which exercises its functions in the context of promoting the state policy in the field by carrying out works of extension, regeneration and conservation, ecological reconstruction, rational use of forest resources, protection, protection and development of the national fund, forestry and hunting.

P9 MSU

The companies that we establish collaboration will be involved in the research and collaborative projects, the employs of these companies attended the CIA courses. Thus, among the invited companies we can mention:

- ICEVO SRL - provides services in the field of drone construction;
- INGEOCAD - performs topogeodesy, mapping, tourism activities;



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- Cristalion-Plus SRL – is an IT entity, that provides educational software and consultancy;
- SRL „Moldavskie novosti”, SRL „Jurnal TV”, „Pro TV” **are mass media companies.**
- “Prointelgrup” SRL – IT and other equipment, engineering (see **Annex 9.2 SAUM - NGA Infoconsulting Agreement**)

P10 SAUM

Cabosal ltd (official DJI dealer in Moldova) several producers in order to start a new course of Drone use in Agriculture. SAUM will offer the training venue, the stadium field for practical classes and will promote the project on the university webpage.

The practical classes will take place in the crop field of the seven farmers which are partners of the project. The drones will be used for scanning and mapping of the field involving the students of SAUM and Technical University of Moldova.

(see **Annex 9.1 SAUM - Cabosal ltd Agreement**)

NGA Consulting ltd (the company specialized in accounting consulting) was created in 2015. SAUM offered the venue and transportation as part of the implementation the Grants support from USAID agency. As result of this partnership, NGA Infoconsulting trained a group of 10 students in GPS use and started to offer a new service for farmers, as the design of multiannual plantations using GPS and drone technologies.

(see **Annex 9.2 SAUM - NGA Infoconsulting Agreement**)

P11 APA

Agreements between universities and enterprises are made to promote ideas if common interests.

The representatives of these collaborators institutions were delegated as trainees to the courses organized by the USM, within the Office "Education for drones".



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Representatives from both public authorities and private organizations participated equally in the organized courses. For teaching the courses, 4 members of the project team were trained as trainers.

The Academy of Public Administration permanently appeals to these institutions to identify the person who wants to attend the courses organized in the Office "Education for drones".

5.2 Armenia

P12 ASUE

The collaboration with partners has been implemented in the frames of the infrastructure contribution, exchange of experience and knowledge regarding the setup of the OED laboratory, development of the CIA courses, etc. Also, some partners have been involved in the teaching staff of the OED. Moreover, an opportunity was created for the university students and OED trainees for internship in partner organisations. Also, the partners' staff members are encouraged to participate in the CIA courses of the OED laboratory.

The organization, governance and management of the collaborative projects can be described with the following main characteristics:

To formulate an efficient organization, governance and management system of the collaborative projects, ASUE & NPUA highlighted the transparency and reliability in the implementation process of the project activities.

The risks arising during this collaboration process have always been identified, measured and controlled within the management board of Armenian eDrone team.

The decisions made during the planning and the implementation of the joint activities has always been a result of our mutual understanding and discussions.



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P13 NPUA

The following methods of collaboration proposed to our industrial partners were used:

- Involvement in participation on research project,
- infrastructure contribution
- Involvement of partner staff in teaching process in university and OED.
- Possibility of university students and OED trainees for internship in partner organisations.

Collaborative project governance and management is based on the principle of actively involving all project members in the planning and control process and of networking them using information, communication, and collaboration modules. Management is an integral part of the project work of all team members.

Collaborative project management makes extensive use of localized control loops. Planning and control responsibility is assumed by those who are also responsible for project content.

Sub-plans are networked and synchronized to tie all partners into the system of planning and control and to promote a common understanding of overall planning. Changes and/or delays are communicated directly to the relevant project members without active intervention in their areas of responsibility.

Communication and collaboration are the basis for early identification of the impact of potential problems on linked sub-projects. They create a high level of transparency and a shared awareness of quality among team members.

5.3 Belarus

P17 BSU

The following methods of collaboration proposed to our industrial partners were used :



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- joint industry lab;
- branch of the department (chair);
- guidance of students' practice with the prospect of their employment;
- involving the partner in participation on research project;
- infrastructure contribution;

Organization, governance and management of the collaborative projects were done as follows:

- Projects with budget financing are carried out normally under the guidance of scientific and pedagogical staff. Industrial partner acts as co-executor of the project and end-user. A joint project is being carried out as part of an interim research team involving the staff of both partners.
- Projects under contract agreements can be carried out under guidance of both partner staff. Normally university partner is more concentrated in research and development. Industrial partner is more responsible for end product. But it's not strict.

5.4 Georgia

P15 ISU

For Copter we proposed collaboration in educational courses, and also collaboration with our start-up related activities. With other start-ups we discussed us helping them in their problem/solution phase of development.

P16 TSU

Mainly the partnership program involved cooperation in developing skillsets for staff. This will be extended by upgrading qualification through the certified courses. The goal is to analyse the demand of the market in the field of civil application in using unmanned vehicles to make our course attractive for the private companies. Thus, the private companies will be interested to finance our courses for their employee to upgrade qualification.



Associate Partners



The objective of our team is to work hard in order to promote OED built at TSU and to develop the courses offered alongside the demands of the market and offer courses that are interesting for market players in the Country. For these public-private sectors, collaboration is crucial.



Associate Partners





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Associate Partners



6. Description of the results which arise from this collaboration

In their description of the results obtained partners on the project answered to the following topics:

- With how many companies you got collaboration protocols within eDrone project?
- Have you established collaboration with some of these new partners also for other on-going projects of your institution?
- Do you have any new projects where more than one private company is involved? How many?
- How this promotion and collaboration roused the development of your institution?

6.1 Moldova

P8 ACAPOL

We have got collaboration protocols within eDrone project with 2 companies SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre), they are associate partners in this Project -Educational for Drone eDrone

We have not yet established collaboration with some of these new partners also for other on-going projects.

We have 1 new project where more than one private company is involved - Erasmus+ HRLAW: European Human Rights Law for Universities of Ukraine and Moldova. In this project participate one private company - Republican Center for Youth and Children - GUTTA-CLUB.

GUTTA-CLUB is an independent, non-profit, non-political organization founded in Chisinau in 1995 with the aim education of children and youth in human rights, defending human rights, in particular people's civil and political rights, while also supporting and empowering human rights defenders at risk.



Associate Partners





Figure 3: Gutta Club Logo

As our high institution Police Academy belongs to the Ministry of Internal Affairs, it is a good opportunity to cooperate with civil society, as it is derived in the governmental and strategic plans of our country.

P9 MSU

MSU got collaboration with 2 companies SRL ICEVO Consulting; INGEOCAD (Institute of Geodesy, Technical Prospecting and Cadastre), they are associate partners in the eDrone project. The employees of these companies attended the first edition of the CIA courses and participated in the activities within the eDrone project lifetime: the workshop on Drone technology in Chisinau (June 12-15 2019), in the preparation of the report on user needs (WP1 and WP2).

„Cristalion-Plus SRL” that is involved in other project developed in the MSU - in Erasmus+project „Restart” as advisor for career development of the future employees.



Associate Partners



According to the cooperation agreement "PROINTELGRUP" SRL is involved in a wide range of activities: collaborative project in the area of drones' application, consulting in the area of drones' usage in the agriculture, development of seminars, etc.

First of all the eDrone project became for the Moldova State University a true platform for collaboration with the above mentioned enterprises and other public entities, interested in the drone technology and regulation. Around the Office for Education for Drone, created at the MSU with the support of the Erasmus+ project, the MSU team together with the eDrone partners' teams develop events, new projects, etc.

P10 SAUM

We have got collaboration protocols within eDrone project with 2 companies: Cabosal ltd and NGA Infoconsulting ltd.

Cabosal ltd will continue the project and partnership with SAUM even after the end of the eDrone Project.

We don't have any project where more than one private company is involved.

This promotion and collaboration roused the development in our institution by preparing more qualified specialists. SAUM will become more "popular" and attractive for youth. Curricula update.

P11 APA

The achievements of the promotion of our work with public and private companies are:

- 4 collaboration initiatives,
- 1 manual for familiarizing the public administration about the history and technology of drones, specific legislation and the possibilities of using civil drones in the public and private domain,
- 4 representatives of the partners graduated the OED courses.



Associate Partners



We believe that the use of these resources will contribute to attracting new companies and raising awareness of research collaboration opportunities, in order to ensure the sustainability of the project.

Also, within the academy to become familiar with the results of the project and the exchange of experience, methodological seminars are organized annually with teachers from the Academy and from other educational institutions in the country, doctoral students and masters.

6.2 Armenia

P12 ASUE

The eDrone Armenian team got 7 collaboration protocols in the frames of eDrone project.

At the same time we have established an efficient collaboration with NPUA and a memorandum of agreement has been signed.

We don't have any new projects where more than one private company is involved

These collaborations gave our university new prospects of development, joint projects and opportunities.

P13 NPUA

eDrone project Armenian partners got 5 cooperation protocols. 3 companies agreed to give an opportunity for internship for NPUA students. 2 of them offered job for our students.

One project for Horizon 2020 programme was prepared in 2019 by the consortium, which included 2 companies. Unfortunately it was not adopted.

The collaboration with the companies allows our university to organize internships, to employ students, to use companies' facilities for students' laboratory works and R&D projects.



Associate Partners



Currently, we are working on the MA program on drones. Also, we have suggested to the Russian-Armenian University representatives to collaborate in the frames of the MA program on drones which they are also currently preparing. To collaborate with them it is planned to prepare drone operators for them at our OED laboratory.

6.3 Belarus

P14 BSTU

Representatives of BSTU eDrone team acted as speakers at the ICT forum and raised a number of issues related to the development of regulatory legal acts that regulate drone activities, the introduction of UAV developments in the industry of the Republic of Belarus and other issues:

8. Round table *"The use of small unmanned aerial vehicles in order to monitor and track the life cycle of agricultural plants, optimize the use of fertilizers and monitor the movement of agricultural machinery"* The use of high and medium resolution remote sensing data for agricultural monitoring.
9. Round table *"Integration of drones into the concept of "smart city": the use of drones as a monitoring tool and obtaining spatial information; use of drones during construction works, calculation of earth masses during construction, optimization of road construction, construction of accurate ortho-photomaps, 3D modelling of construction objects and transport infrastructure of modern cities; conducting thermal imaging to account for heat loss in the heating networks of settlements"* Educational technology in the field of drones.
10. Round table *"Modern systems for dispatching and ensuring safe air traffic of drones. Control systems and counter drones. Legal regulations the use of drones in the Republic of Belarus"* Drone detection and suppression systems.



Associate Partners



P17 BSU

We have got collaboration protocols within eDrone project with 5 companies. The collaboration on other on-going project is established as well. We don't have any project where more than one private company is involved

This promotion and collaboration roused the development of your institution by:

- New academic and industrial partners for research and educational projects.
- New opportunity for employment of graduate students.
- New ideas for joint projects in adjacent research and commercial areas.

6.4 Georgia

P15 ISU

With Copter we signed association agreement on eDrone project.

With all three companies we established collaboration with other on-going projectors at Ilia State University.

P16 TSU

Once the pilot certified course is done at the TSU OED the successful graduates will be offered the internships at the companies. Also, we will closely cooperate with the private sector in the research field in order to understand and to permanently be updated on what skills they need in the field of drones and how we can help their development. In September 2020, the CIA course was offered to 35 attendees, but because of the Pandemic COVID 19 the laboratory works could not be offered. The interest in OED courses is very high and the private sector is very motivated to collaborate with Laboratory, to support the development of the field of drones.



Associate Partners





Table 4: results on partnership program

	Number of companies collaboration eDrone	New partners for another project	Number of projects with more than one company
P8-ACAPOL	2	Not yet	1
P9-MSU	2	2	No
P10-SAUM	2	1	No
P11-APA	4		No
P12-ASUE	7	1	No
P13-NPUA	5	3	1
P14-BSTU			
P15-ISU	3	3	
P16-TSUP	Several		
P17-BSU	5	Yes	No

Most of the partners established collaboration with the new private companies on another research project. On the other hand, in the case of few projects, there were more than one private company at the same time.



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7. Forecast of the development of public-private relationship

To describe potential future development of their public-private relationship partners were asked to answer two following questions:

- Describe what would you like to improve in your future or existing relationship: duration of the contracts, efficiency of the results, cost-effectiveness?
- Do you see some other actions that you can perform in order to further promote the public-private relationship?

7.1 Moldova

P8 ACAPOL

In the future study process we would like to invite the specialists from these companies to hold some public lessons for our students in the initial and continuous professional training.

The Republic of Moldova has adopted the Law Nr. 179 from 10-07-2008 according to Public-private collaboration. The existence of this law represents an efficient means, which is important for a long time, for carrying out activities of public interest in the field of drone application, thus avoiding risks and obtaining only benefits. In order to develop relations within a public partnership, the following actions can be taken:

1. Development of the normative framework,
2. Implementation of innovative drone technologies,
3. Dissemination of good European and international practices regarding the use of drones in the private and public sectors,
4. Increase the professional capacities of the personnel, who use the drones (ex; Border Police, Patrol Police, Public Security, Agriculture, Construction)



Associate Partners



P9 MSU

In the future we would like to involve the private companies in the university projects and teaching process in order to improve the practical aspects.

The Republic of Moldova has adopted the Law Nr. 179 from 10-07-2008 according to Public-private collaboration. The existence of this law represents an efficient means, which is important for a long time, for carrying out activities. The existence of this law in the field of drone application, thus avoiding risks and obtaining only benefits. In order to develop relations within a public partnership, the following actions can be taken:

5. Setting up the new start-ups with participation both university and private companies.
6. Development of theoretical and practical courses with involvement of public enterprises.
7. Dissemination of good European and international practices regarding the use of drones in the private and public sectors,

P10 SAUM

In the future we will work on developing a curricula with new competencies and also a laboratory facility on mechatronics in agriculture.

P11 APA

The forecast on the collaboration is to implement the topic of drones into the courses information technologies. In addition, we would like to involve public administration civil servants in the professional development courses in the Academy.

7.2 Armenia

P12 ASUE

ASUE always works hard to achieve as high efficiency of the results as possible and puts all its efforts and facilities to obtain them. So, the efficiency of the results is always in the centre



Associate Partners



of attention and improving that will lead to the new collaborations and their outputs in the frames of different projects.

As a new action we see creation and development of the network of project related companies dealing with the same problems to overcome them jointly.

P13 NPUA

It will be better to improve an efficiency of the results and cost-effectiveness.

The action that can make more attractive the PPR is depended from the government. From our point of view the government / state can make ease (reduce) tax obligations for companies collaborating with educational organizations.

7.3 Belarus

P14 BSTU

The BSTU OED employees are currently collecting the requests by the state-owned and private-owned organizations that are related to the application of drones. The goal is to help collaboration between private and stat organisation and help them to transmit their proposals to each other.

P17 BSU

State legislation we would you like to improve in our future or existing relationship: duration of the contracts, efficiency of the results, cost-effectiveness.

The actions that we can perform in order to further promote the public-private relationship also depending on state legislation.



Associate Partners



7.4 Georgia

P15 ISU

We would like to improve cooperation of these companies with our engineering department, as I think it can be beneficial for our students to get access to internship opportunities at Copter and other start-ups when they finally move to the next phase of the development.

P16 TSU

The culture of development of Entrepreneurship and start-up ecosystem is very trendy in Georgia nowadays. The importance of linking Academia and Business is highly raised and these tendencies will be in the upcoming period. Based on the environment the development between Public-Private Relations only will deepen. And the moves started with the eDrone project and the collaborations will strengthen.



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8. Specific conclusions – for the Partner Countries

- Which **specific conclusions** aroused from the aspects presented in this Report, regarding your institution on one side and the eDrone project on other side?

8.1 Moldova

P8 ACAPOL

As a result, at the early stage of the eDrone project, three companies showed a greater interest, two of them being state institutions, but the basic aim is to identify as many companies that have tangents with the field of use of drones in order to establish some private public partnerships that would benefit the companies and civil society as a whole.

P9 MSU

The eDrone project established a platform for collaboration with a wide range of institutions: private, governmental and individuals interested in the project topic.

P10 SAUM

Thanks to this project, SAUM established partnership with several companies and settled agreements for our collaboration. These partnerships offer to us the possibility to organize new training courses on the use of drones in agriculture, for our partners, in their private companies.

P11 APA

The promotion of the eDrone project was done by workshop, website, newspapers etc. This helped us to make collaboration with private companies and public organisation such a



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different Ministry. Established partnerships open a new research opportunities and exchange of experience.

8.2 Armenia

P12 ASUE

The public-private collaboration with ASUE & NPUA eDrone teams was quite efficient taking into account the inclusiveness and participation of the companies in the project success.

P13 NPUA

The eDrone project raised new collaboration with public and private companies. This partnership opened the participation on the other project with several private companies being involved. In addition, this collaboration allows to our university to organise the internships for our students.

8.3 Belarus

P14 BSTU

The promotion of eDrone project among Belarusian members of the universities was done mostly through participation at the workshops we organized. Also, we established collaboration with several private and public companies.

P17 BSU

We can bring following conclusions:

1. The project contributed to the search for new academic and industrial partners, including among SME.



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2. A number of 3 new project applications have been prepared and sent for review.
3. Education activity in the field of drone equipment development and application is currently on the rise.
4. New educational materials have been developed and also (partially) published.

8.4 Georgia

P15 ISU

We wish there were more companies involved in Drone industry in Georgia, but the sad reality is that there are not as many as the trend's important is. As we already mentioned, there is only one such company which could be classified as a start-up, that somehow found its business model and trying to expand its activities. The other two are still in the problem/solution seeking phase, but it is highly likely they will never move beyond that stage.

P16 TSU

The main specific impact for the creation of OED and training Certified course at TSU is the highly demanded life-long learning course that will give possibilities for all interested individuals to gain qualification in the field of drones and thus raise employment rate in the country. We can proudly say that the OED laboratory at TSU is the first learning environment in the higher education system that offers the certified course in "Practical Use of Drones". The interest in CIA courses is very high and the number of applications has proved this. As the Pandemic COVID 19 restricted the physical presence in the Laboratory, our attendees are waiting to soften restrictions and have possibilities to visit the laboratory and have practical works.

Another great value of the eDrone project are trained staff and acquired capacity and network in the field of drones. Within the framework of eDrone project the cooperation between academia and business has deepened significantly, that is the great achievement of the project and it will ensure the aimed sustainability of the project in future.



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As a conclusion, eDrone project already has a great impact on the Georgian learning environment in the field of drones. The OED set up at TSU is the first educational laboratory that offers certified courses for interested people in the field of civil applications in Usage drones. eDrone project has the great positive impact on the development of academia and business cooperation, that will ensure the sustainability of the project results in future. The internship programs and possibilities that will be available for CIA course attendees is also, one of the great achievements of the project.



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9. Annexes

9.1 SAUM - CABOSAL Agreement



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Acord de Parteneriat și Colaborare Nr. 1 din 24.02.2020

Chișinău, R. Moldova

Societatea cu Răspundere Limitată "CABOSAL" care acționează în baza Statutului, înregistrată la Agenția Servicii Publice, Departamentul Înregistrare și Licențiere a Unităților de Drept cu nr. de identificare/cod fiscal 1019600026139 la data de 31.05.2019, în persoana Directorului, Alexandru Casap, pe de o parte,

și

IP „Universitatea Agrară de Stat din Moldova”, în persoana rectorului Liviu Volconovici, care acționează în baza Cartei Universitare, înregistrată la Agenția Servicii Publice, Departamentul Înregistrare și Licențiere a Unităților de Drept la data de 18.01.2007, cu nr. de identificare/cod fiscal 1007600002710,

au semnat prezentul Acord prin care au convenit asupra următoarelor:

1. CADRU GENERAL

Părțile au căzut de acord privind condițiile, modul și termenele colaborării în implementarea activităților din cadrul proiectului "Dezvoltarea cunoștințelor și competențelor de implementare a Tehnologiilor Informaționale în domeniul agricol din Republica Moldova (nemijlocit de utilizare și manipulare a dronelor și soft-urilor corespunzătoare pentru scanarea și maparea terenurilor în 2D și 3D)", care urmează a fi implementat în cadrul Proiectului USAID pentru Agricultură Performantă în Moldova (APM) "Parteneriate pentru dezvoltarea forței de muncă în sectorul agricol de înaltă valoare" conform planului de activități din cadrul proiectului (Anexa 1 la prezentul Acord).

Scopul proiectului "Dezvoltarea cunoștințelor și competențelor de implementare a Tehnologiilor Informaționale în domeniul agricol din Republica Moldova (nemijlocit de utilizare și manipulare a dronelor și soft-urilor corespunzătoare pentru scanarea și maparea terenurilor în 2D și 3D)" constă în implementarea agrotehnologiilor, în parteneriat cu Universitatea Agrară de Stat din Moldova și Universitatea Tehnică din Moldova, prin dezvoltarea pe durata unui an a cunoștințelor și competențelor teoretice și practice a tehnologiilor „agro-dronelor” de către patru grupe de tineri, de integrare a tehnologiilor informaționale (nemijlocit de utilizare și manipulare a dronelor și softurilor corespunzătoare pentru scanarea și maparea terenurilor în 2D și 3D) pentru o agricultură ecologică, de precizie. Conștientizarea beneficiilor acestor tehnologii și dezvoltarea acestor competențe vor contribui la integrarea treptată a acestor inovații în agricultură, ce va permite obținerea unor produse de calitate mai înaltă, a unei cantități mai mare de producție în condiții de eficiență și nu în ultimul rând în condiții mai prietenoase mediului (prin reducerea cantității de fertilizatori, insecticide etc.). Aceste beneficii vor contribui atât la creșterea productivității în agricultură, cât și dezvoltarea acestora într-un mod sustenabil, mai prietenos mediului.

2. RESPONSABILITĂȚILE PĂRȚILOR

Părțile semnate își asumă responsabilitatea să întreprindă următoarele acțiuni, după cum urmează:


2.1 Societatea cu Răspundere Limitată "CABOSAL"




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BOSAL SOLUTIONS
Dezvoltator Autorizat CII în Republica Moldova



Societatea cu Răspundere Limitată
"CABOSAL"

Universitatea Agrară de Stat din Moldova

- a) Să asigure implementarea tuturor activităților din planul de acțiuni; (ANEXA 1)
- b) Să asigure deplasarea și alimentarea participanților în zilele de câmp din cadrul proiectului;
- c) Să asigure alimentarea participanților și pauzele de cafea în cadrul seminarelor;
- d) Să elaboreze și să pună la dispoziția mass-media locale și naționale a comunicatelor de presă pentru activitățile din teritoriu;
- e) Să efectueze în timp util plățile pentru asigurarea logistică a activităților din teritoriu;
- f) Să asigure activitățile cu tehnica necesară, banner și invitații pentru distribuire, rechizite și materiale distributive necesare pentru seminar (mape, caiete, pixuri, carioa etc.).

2.2 Universitatea Agrară de Stat din Moldova

- a) Să asigure deschiderea de a participa în activitățile proiectului;
- b) Să asigure implementarea tuturor activităților din planul de acțiuni (ANEXA 1);
- c) Să delege 1 angajat care va participa la activitățile proiectului, inclusiv de mentorat, colectare a informației, analiză a acesteia, prezentare a rezultatelor și discutare a acestora;
- d) Să anunțe participanții și să-i convoace la activitățile din cadrul proiectului;
- e) Să asigure spațiu (laborator) pentru desfășurarea a 2 training-uri;
- f) Să plaseze informația despre proiect pe pagina web și de socializare a instituției.

3. DREPTURILE PĂRȚILOR

Părțile semnatare vor dobîndi în egală măsură dreptul de proprietate intelectuală asupra rezultatelor științifice în urma implementării tehnologiilor conform proiectului și vor putea utiliza nelimitat datele dobîndite în cadrul proiectului pentru activitatea curentă a acestora.

4. FORȚA MAJORĂ

4.1 Nici una dintre părțile prezentului Acord nu răspund de neexecutarea la termen și/sau de executarea în mod necorespunzător, total sau parțial, a oricărei obligații care îi revine în baza prezentului Acord, dacă neexecutarea sau executarea necorespunzătoare a obligației respective a fost cauzată de forța majoră, așa cum este definită de lege.

4.2 Partea care invocă forța majoră este obligată să notifice celelalte părți, în termen de 3 zile, producerea evenimentului și să ia toate măsurile posibile în vederea limitării consecințelor lui.

4.3 Dacă în termen de 10 zile de la producere, evenimentul respectiv nu încetează, partea ce invocă forța majoră este total exonerată de îndeplinirea acestei obligații, iar celelalte părți nu vor pretinde daune-interese.

5. LITIGII







5.1 Partenerii consimt să soluționeze pe cale amiabilă toate disensiunile legate de implementarea prezentului Acord de parteneriat și colaborare.



Associate Partners

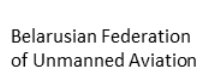
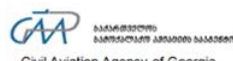




 BOSAL SOLUTIONS <small>Dealer Autorizat DJI în Republica Moldova</small> Societatea cu Răspundere Limitată "CABOSAL"	 Universitatea Agrară de Stat din Moldova
<p>5.2 În cazul în care soluționarea litigiilor ce ar putea apărea între părțile prezentului Acord nu este posibilă pe cale amiabilă, ele vor fi supuse spre soluționare instanțelor judecătorești competente.</p>	
<p>6. INTRAREA ÎN VIGOARE</p> <p>6.1 Prezentul Acord intră în vigoare la momentul obținerii fondurilor de grant sus-menționate.</p>	
<p>7. DISPOZIȚII FINALE</p> <p>7.1 Acord de Parteneriat și Colaborare este semnat în două exemplare originale, în limba română, câte unul pentru fiecare parte.</p> <p>7.2 Toate înțelegerile suplimentare referitor la realizarea prezentului Acord se vor face în scris și vor avea forță juridică din momentul semnării de către părți.</p> <p>7.3 Acordul poate fi modificat cu acordul comun al părților. Modificările intră în vigoare și sunt obligatorii pentru părți din momentul semnării actului de modificare a acordului.</p>	
<p>8. TERMEN DE VALABILITATE</p> <p>8.1 Acord de Parteneriat și Colaborare este încheiat pe perioada implementării proiectului "Dezvoltarea cunoștințelor și competențelor de implementare a Tehnologiilor Informaționale în domeniul agricol din Republica Moldova (nemijlocit de utilizare și manipulare a dronelor și soft-urilor corespunzătoare pentru scanarea și maparea terenurilor în 2D și 3D)" martie 2020 – noiembrie 2020.</p> <p>8.2 Prezentul Acord poate fi anulat de către oricare dintre părți cu condiția notificării prealabile scrise a celorlalte părți și își pierde valabilitatea după expirarea a 30 de zile din momentul notificării.</p>	
<p>9. RECHIZITELE ȘI SEMNĂTURILE</p>	
<p>"CABOSAL" SRL IDNO: 1019600026139 Adresa juridică: or. Orhei, str. Barbu Lăutaru, 24 Date bancare: MD31VI022241200000515MDL, Banca BC „Victoriabank” S.A., Sucursala Nr.12, Chișinău BIC: VICTRO22588 Administrator Alexandru Cișop Semnătura:  </p>	<p>Universitatea Agrară de Stat din Moldova (UASM) IDNO: 1007600002710 Adresa: mun. Chișinău, str. Mircești Email: anticamera@uasmd.md Telefon: +373 22 312258 Rector: Liviu Volconovici Semnătura:  </p>



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BOSAL SOLUTIONS

Dezvoltare Autonomă în Republica Moldova

Societate cu Răspundere Limitată
"CABOSAL"



Universitatea Agrară de Stat din Moldova

Anexa 1

Plan de Activități

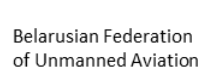
La Acordul de Parteneriat și Colaborare din 24 februarie 2020 încheiat între Universitatea Agrară de Stat din Moldova și Societatea cu Răspundere Limitată "CABOSAL".

În cadrul proiectului vor fi desfășurate următoarele activități:

- Efectuarea a 4 Training-uri în cadrul proiectului, 2 în UTM și 2 în UASM;
- Dezvoltarea abilităților teoretice și practice de manipularea dronelor agricole și colectarea și prelucrarea a datelor;
- Realizarea activităților de zbor (zile de câmp) pe o suprafață de minim 1 hectar cu fiecare dronă;
- Colectarea și prelucrarea datelor privind eficiența dronelor în agricultură;
- Elaborarea raportului cu rezultatele preliminare și finale ale studiului;
- Dezvoltarea și editarea materialelor de vizibilitate;
- Elaborarea și difuzarea a 1 spot video scurt cu privire la proiect și rezultate;
- Publicarea activităților din cadrul proiectului pe paginile web ale partenerilor din cadrul proiectului;
- Monitorizarea proiectului;
- Evaluarea și prezentarea raportului final al proiectului;
- Auditul proiectului.



Associate Partners



9.2 SAUM - NGA Infoconsulting Agreement



PROTOCOL DE COLABORARE

1. Universitatea Agrară de Stat din Moldova,
Str. Mircești, 44, MD-2049, mun. Chișinău, Republica Moldova,
tel. / Fax: (+373) 22312258 / 22312256 / 22312276 E-mail: anticamera@uasmd.md / Web: www.uasmd.md
2. NGA Infoconsulting S.R.L.,
str. Alba Iulia 188/1, of. 4, MD-2071, mun. Chișinău, Republica Moldova,
tel.: (+373) 79480727 / E-mail: a.nicolaescu@gmail.com

Universitatea Agrară de Stat din Moldova reprezentată prin Rector, Prof. univ., Dr. hab. **Valerian BALAN** și NGA Infoconsulting S.R.L., reprezentată prin Administrator, Conf. univ., Dr. **Ana NICOLAESCU** au stabilit posibilitatea dezvoltării relațiilor dintre instituții, pe domeniul cercetare-dezvoltare, analize tehnice, transfer de abilități și competențe de cercetare și didactice, având ca obiectiv:

1. Colaborarea în vederea schimbului de informații de specialitate privind cercetare-dezvoltare în domeniul economiei, ingineriei, agriculturii și tehnologiei sectorului agroalimentar.
2. Colaborarea pentru aplicarea și participarea în proiecte naționale, internaționale, europene de cercetare, dotate cu utilaj ce au interes comun.
3. Colaborarea pentru dezvoltarea sectorului agroalimentar pe sistemele componente, cercetarea științifică, progresul tehnic și programele de dezvoltare în perspectivă.
4. Cercetări realizate în colaborare pentru ameliorarea diferitelor tipuri de sol și plante ce trebuie pregătite în vederea realizării diferitelor culturi agricole pe fondul schimbărilor climatice și nu numai.
5. Elaborarea de noi tehnologii de cultivare a speciilor agricole.
6. Colaborarea privind integrarea studenților pentru o perioadă de timp conform planurilor de învățământ sau în programe ce realizează cursuri speciale de educație, stagii de practică didactică sau în producție etc.
7. Colaborarea instituțiilor ce are ca obiectiv informații privind recuperarea și reutilizarea resurselor folosite având ca scop protecția solului, a plantelor, a utilizatorului și a consumatorului.
8. Reprezentantii părților au convenit ca obiectivele colaborării între instituții sunt folositoare atât pentru studenții universității, cât și pentru mediul privat din domeniul cercetare dezvoltare, producție și în special agroalimentar.

Universitatea Agrară de Stat Din Moldova

Rector,
Prof. univ., Dr. hab. **Valerian BALAN**

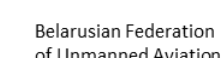
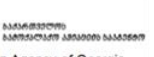


NGA Infoconsulting S.R.L.

Administrator
Conf. univ., Dr. **Ana NICOLAESCU**



Associate Partners





9.3. MSU – “Prointelgrup” SRL Agreement

ACORD DE COOPERARE

Mun. Chisinau 16.09.2020

Prezentul Acord este încheiat între:

„Prointelgrup” S.R.L., reprezentată prin Alexei Ivanțov, având funcția de Director, cu sediul în Chișinău, Moldova, Str. Ion Vodă Viteazul, nr. 11, of.7, tel. +373 79676487 posesoarea certificatului de înregistrare nr. IDNO 1004600048575, având contul nr. ENEGMD22895 MD38EN0002247011389895, denumită în continuare **Partener**

și

Universitatea de Stat din Moldova (în continuare Universitatea), cu sediul mun. Chisinau, str. Alexe Mateevici 60, Tel.: +373-22-242253 Fax: +373-22-244248, reprezentată de prof. univ., dr. hab. **Florentin Paladi**, prorector pentru activitatea științifică, denumită în continuare **Universitatea**, denumite în continuare **Parti**, care au convenit să încheie prezentul acord întru realizarea următoarelor obiective:

- Acordarea de consultanță de specialitate la instituții publice și private în domeniul aplicării dronelor în diverse domenii;
- Organizarea seminarelor și cursurilor pentru persoanele interesate în domeniul aplicării dronelor în diverse domenii;
- Constituirea unor colective mixte de cercetători și cadre didactice pentru dezvoltarea unor proiecte, care vor finaliza prin tratate, publicații periodice, culegeri de studii, manifestări științifice organizate;
- Participarea la scrierea și realizarea în comun de proiecte colaborative, care vor fi înaintate la diverse concursuri de proiecte;

Obiectivele punctuale și obligațiile concrete ce revin părților vor fi dezvoltate prin acorduri adiționale la prezentul acord. Universitatea va realiza obiectivele prevăzute în ceea ce privește obligațiile sale prevăzute în prezentul Acord de cooperare prin Oficiul de Educație pentru Drone și Laboratorul de Cercetări Științifice „Fizica Mediului și Modelarea Sistemelor Complexe”, existând și posibilități de extensii interdisciplinare ale colaborării cu alte structuri ale Universității.

Articolul 1. Drepturile și angajamentele Universității:

- antrenarea specialiștilor USM cu resursele necesare în vederea formării continue a specialiștilor în domeniul educației pentru drone;
- organizarea, cu participarea specialiștilor Partenerului, a evenimentelor pentru informarea persoanelor interesate privind utilizarea dronelor în diverse domenii ale economiei.

Articolul 2. Drepturile și angajamentele Partenerului:

- furnizarea materialelor proprii în scopul informării persoanelor interesate de utilizarea dronelor în diverse domenii ale economiei;
- suportarea, după caz, a cheltuielilor legate de organizarea în comun a unor cursuri de instruire;
- înaintarea, după caz, a propunerilor privind perfecționarea programului de studii pentru formarea profesională continuă în domeniul educației pentru drone.

Articolul 3. Forța majoră

Forța majoră exonerează de răspundere partea care o invoacă, cu condiția că aceasta să notifice cealaltă parte în termen de cel mult 5 zile de la data la care a intervenit cauza de forță majoră, termen care se decalează corespunzător în cazul în care, prin natura ei, situația de forță majoră împiedică inclusiv comunicarea. Efectul este suspendarea obligației părții în cauză de îndeplinire a prestațiilor asumate în prezentul Acord a căror executare este împiedicată, sub condiția dovedirii situației de forță majoră în condițiile legii. În înțelesul prezentului Acord “forța majoră” înseamnă orice eveniment imprezvizibil și insurmonabil (în afara puterii de control a părților), care se petrece în perioada de derulare a Acordului și care împiedică pe una din părți, în mod obiectiv, să își îndeplinească obligațiile din Acord, cum ar fi, de exemplu, conflicte armate, actele de terorism, dezastrele naturale și alte asemenea, fara a include însă grevele, modificarea cursurilor de schimb, creșterea fiscalității sau înrăutățirea situației socio-economice. În caz de forță majoră, întregul Acord încetează sau negociază după cum vor stabili părțile pe cale amiabilă.

Articolul 4. Încetarea Acordului

În cazul în care oricare dintre părți nu-și îndeplinește sau își îndeplinește necorespunzător obligațiile asumate prin prezentul Acord, partea care se consideră prejudiciată va transmite celeilalte părți o notificare, ce constituie și punere în întârziere, semnalând încălcarea constatată și termenul de remediere, nemedierea sau remedierea neadevătată în acel termen dau dreptul părții care a făcut notificarea să declare, printr-o nouă notificare, încetarea Acordului prin rezoluțiune unilaterală.

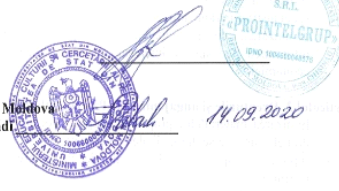
Articolul 5. Dispoziții finale

- Relațiile dintre Parti vor fi guvernate de principiul echității, bunei voințe și dezvoltării relațiilor de colaborare durabilă.
- Prezentul Acord se întocmește pe un termen de 1 an, prelungirea lui realizându-se prin consensul Partilor.
- Modificările și completările în prezentul Acord se vor efectua prin consensul Partilor.
- Eventualele litigii între Parti vor fi soluționate pe cale amiabilă.
- În cazul reorganizării, schimbării locului de reședință, a numerelor de telefon, fax sau a altor date prezentate în Acord, Partiile vor informa despre aceasta cealaltă parte în termeni utili.

Articolul 8. Acordul de cooperare este redactat în două exemplare originale, câte unul pentru fiecare Parte și intră în vigoare din momentul semnării ei de către Parti.

„Prointelgrup” S.R.L.
Director, Alexei Ivanțov

Universitatea de Stat din Moldova
Prorector, Florentin Paladi



Belarusian
State University

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