



Educational for Drone (eDrone)

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Educational for Drone (eDrone)

The current state of the project: activities performed and outcomes achieved by Moldova State University



Education, Audiovisual and Culture Executive Agency

Erasmus+ : Higher Education - International Capacity Building



PARTNER NUMBER	NAME OF PARTNER	COUNTRY
P1	<u>University of Sannio</u>	<u>Italy</u>
P2	B4Eng sas 5	France
P3	Université d'Evry	France
P4	The Military University of Technology	Poland
P5	Universitatea "Dunarea de Jos" din Galati	Romania
P6	Asociatia UVS	Romania
P7	Civil Aviation Authority	Moldova
P8	Academy "Stefan cel Mare" of Ministry of Internal Affairs	Moldova
P9	Moldova State University	Moldova
P10	State Agrarian University of Moldova	Moldova
P11	Academy of Public Administration	Moldova
P12	Armenian State University of Economics	Armenia
P13	National Polytechnic University of Armenia	Armenia
P14	Belarusian State Technological University	Belarus
P15	Ilia State University	Georgia
P16	Ivane Javakhishvili Tbilisi State University	Georgia
P17	Belarusian State University	Belarus

WP 1

Work package type and ref.nr		PREPARATION	1
Title & Lead Organisation		User Needs and State of Art Analysis/MUT (Poland)	
Tasks		WP.1 aims at: <ul style="list-style-type: none">• Defining the state of the art of the technology in civil application using drones;• Finding out common actions and goals among regional engineers, researchers and technicians, companies and stakeholders, policemen, land monitoring professionals, archaeologists and geotechnicians being willing to spread ICT in the national civil application field of drones;• Evaluating the technological know-how held in local enterprises working in the sector;• Defining the needs of the workers and professionals involved in these fields from the point of view of the use of modern ICT solutions, sensors and of the use of innovative curricula with specific technological competencies.	
Activities performed		<ol style="list-style-type: none">1. Taking part in the definition of the state of the art for technologies adopted for drones in 5 countries from Asia (D 1.1);2. Participating actively at workshop on the Technology of drones (D 1.2);3. Visiting and documenting the visits at the enterprises for identification of user needs (3 enterprises);4. Signing a collaboration agreement with "ICEVO" LTD as associated partner of the project;5. Giving the contribution to the report on the discovered user needs (D 1.4).	
Estimated Start Date	15/10/2016	Estimated End Date	14/07/2017

WP 2

Work package type and ref.nr		PREPARATION	2
Title & Lead Organisation		Regulatory State of Art Analysis / CAA (Moldova)	
Tasks		<p>WP.2 will contribute to the set up in the Partner Countries of rules for safe drone operation in the following areas:</p> <ul style="list-style-type: none">• Defining the state of the art of laws in europe for drone aviation system;• Finding out the national laws in each partner country about the national aviation system;• Carrying out the rules for safe drone operation in europe (e.G. Defining the limits regarding flight altitude, operational scenarios, risk assessment, and guaranteeing privacy rights).	
Activities performed		<ol style="list-style-type: none">1. Taking part in the definition of the state of the art regulations and laws in the field of drones in US (D2.1 and (D2.2);2. Highlighting the regulatory needs in Partner Countries during the workshop on Drone law (D 2.3)3. Giving contribution to the document reporting on the discovered regulatory needs (D 2.4).	
Estimated Start Date	15/01/2017	Estimated End Date	14/07/2017

WP 3

Work package type and ref.nr	DEVELOPMENT		3
Title & Lead Organisation	eDrone courses deployment and set-up/UNIEVRY (France)		
Tasks	<p>WP.3 aims at:</p> <ul style="list-style-type: none"> • Defining structure and content of the course study plans both for CTT and CIA; • Evaluating the workload required to accomplish the objectives of the course program (objectives specified in terms of the learning outcomes and competences to be acquired); • Producing the educational materials, made available in english; • Recruiting teachers from project programme partners for the courses' lectures; • Enrolling learners (teachers) who will attend the CTT activities; • Enrolling professionals and trainees who will attend the CIA activities; • Deploying the course modules, including internships at sites of the programme partner countries about CIA. <p>The OED set-up will be carried out by each Partner Country in accordance with the local national rules for deploying courses.</p>		
Activities performed	<ul style="list-style-type: none"> - Taking part in identifying the Course program structure - Preparing the draft of the Course program for ECTS recognition 		
Estimated Start Date	15/08/2017	Estimated End Date	14/05/2019

WP3 - eDrone Course deployment and set-up

Agenda (NEW!)

1. Sept. 2017-Jan. 2018: Course program structure and content design
2. Sept 2017-Mar. 2018: ECTS recognition of the course - **Time required for the recognition procedure – 6 months!!!**
3. Oct. 2017-Feb. 2018: Educational material for the course program
4. Sept-Oct. 2017: Lecturer selection CTT
5. Feb.-Apr. 2018: Enrolment process for CTT
6. May-Sept. 2018: Enrolment process for CIA
7. June-Sept. 2018, Jan.-Apr. 2019: CTT deployment

WP 4

Work package type and ref.nr	DEVELOPMENT		4
Title & Lead organisation	OED and technological arrangement set-up/ MSU (Moldova)		
Tasks	<p>WP.4 aims at:</p> <ul style="list-style-type: none"> • Acquiring hardware to implement the ICT platform; • The setup of LMS and web platform; • The development of web content for dissemination, internationalization and exploitation of education-innovation-research synergies; • The production of e-learning material, covering all of the subjects of the modules. 		
Activities performed	<p>MSU is responsible for the coordination of this WP.</p> <ul style="list-style-type: none"> - Coordinating the list of equipment to be purchased for setting up the OEDs; - Identifying the venue for the OED; - Correlating the equipment with the course content for CTT and CIA. <p>The moodle for the courses was set up.</p>		
Estimated Start Date	15/11/2017	Estimated End Date	14/06/2018

WP4 - AGENDA

- ❖ Oct. 2017- June 2018: OED setup (D – June, 2018)
- ❖ Apr. 2018-June 2018 (Oct.2017- Dec.2017): Equipment purchase (D 4.1. – 14.06.2018)

EC recommendation is to start the *Equipment purchase* stage as soon as possible!!!

- ❖ June 2018: ICT Platform setup (D 4.2. – 14.06.2018)
- ❖ Nov. 2017-June 2018: Web content development (D 4.3 – 14.06.2018)
- ❖ Apr. 2018-June 2018: E-learning material for course program (D 4.4 – 14.06.2018)

WP 5

Work package type and ref.nr		QUALITY PLAN	5
Title & Lead Organisation	Quality Management/UNISANN (Italy)		
Tasks	<p>WP.5 aims at:</p> <ul style="list-style-type: none"> • Elaborating a quality manual for the project; • Defining the project development milestones to effectively assess indicators and take the right measures; • Monitoring project advancements, quality of outcomes, compliance with deadlines, criticalities; • Maintenance and analysis of project documentation with support from the ICT platform; • Surveying the program's attendee satisfaction; • Auditing the financial statements of the project relying on external subjects. 		
Activities performed	<p>MSU has a system of internal documentation and reporting information. All financial operations are strictly controlled and within the eDrone project had been done according to the project budget regulation. Reports required for accounting and financial manager of the project are submitted on time.</p> <p>In order to coordinate the implementation of the project we maintain an active correspondence with project coordinator and all project partners. In addition, the MSU has an exchange of information with the other 4 partners from Moldova.</p>		
Estimated Start Date	15/10/2016	Estimated End Date	14/10/2019

WP 6

Work package type and ref.nr	DISSEMINATION		6
Title & Lead Organisation	Dissemination activities/NPUA (Armenia)		
Tasks	WP.6 aims at: <ul style="list-style-type: none">• Designing the dissemination plan, pointing out channels and procedures;• Arranging meetings and supporting international events;• Organizing two final workshops disseminating results;• Publishing reports/news on the ICT platform;• Allowing partner staff to attend workshops;• Elaborating different types of communication materials for dissemination (e.g. brochures, flyers, newsletter, and so on).		
Activities performed	<ul style="list-style-type: none">- Taking part in the design of the dissemination plan (D 6.1);- web dissemination, press releases, articles in the university newspaper (D 6.4);- making promotional material (roll-up) (D 6.6);- joining national and international visits and workshops for dissemination purposes (D 6.5).		
Estimated Start Date	15/02/2017	Estimated End Date	14/10/2019

WP 8

Work package type and ref.nr	MANAGEMENT		8
Title & Lead Organisation	Management activities/UNISANN (Italy)		
Tasks	WP.8 aims at: <ul style="list-style-type: none">• Arranging kickoff and consortium meetings;• Coordinating activities to execute them in the most effective way;• Reporting on organizational and financial management activities in compliance with the requirements from EACEA;• Communicating with Programme Agency.		
Activities performed	<ul style="list-style-type: none">- Joining the kickoff work meetings (Brussels and Erevan) (D 8.1);- Coordinating meetings of MD partners (7th of November, 12th of April);- Coordination activities.		
Estimated Start Date	15/10/2016	Estimated End Date	14/10/2019