



## Minutes

### 6<sup>th</sup> Transnational Meeting

### Krsko (Slovenia) 5 -6 October 2017

**Attendees (teachers):** Irene Pastor (Foia), Juan Manuel Bernal (Foia), Pablo Hernandez (Foia), Davor Malović (Sisak), Davor Lužaić (Sisak), Zrinka Tomljenović (Sisak), Ivana Šmint (Sisak), Małgorzata Jurczyk (ZS10), Wirginia Tomczyk (ZS10), Franci Uduč (Krsko), Zoran Tkavc (Krsko), Jože Požun (Krsko), Jože Pernar (Krsko), Matjaž Cerar (Krsko), Branko Kastelic (Krsko), Matej Maučič (Krsko), Alfonso López (AIJU), Ignacio Seguí (AIJU).

**Attendees (students):** Jaime Bueno (Foia), María García (Foia), Tomasz Kądziołka (ZS10), Piotr Sulecki (ZS10), Stefan Zečević (Sisak), Patrik Miškulin (Sisak), Lucijan Omerzel (Krsko), Nejc Divjak (Krsko), David Uduč (Krsko), Anej Mrvič (Krsko).

#### Day 5 October 2017

- At 9:00, after receiving the partners and reviewing the Meeting Agenda, Mrs. Erna Župan Pirkovič (Director) makes a welcome speech to the partners.
- Executive Summary. Ms. Irene Pastor (FOIA) and explain the importance of impact in the last year of the project.
- Project Management at common working space in the Google Drive and Financial issues are reviewed. Exceptional Costs are reviewed: how to proceed:
  - All partners are reminded that it is convenient that their invoices of components for the customisation of drones have the specific concept: "List of components DroneTeam. Exceptional Costs" and the specified list of all components bought.
  - In the same way, if the invoice is not in Spanish or English, you must provide the Coordinator with a translation of the concepts in English, so that the Spanish National Agency can review them.
- Ms. Irene Pastor (Foia) reviews the Consortium Agreement Amendment related to Exceptional Costs. She will send the Amendment for all school headmasters to sign.





- Mr. Ignacio Segui (AIJU) reviewed the Work Plan for the last year of the Project, Project Timeline and remembered how to use the timesheet template ready in Google Drive for each partner.
- Partners presented the dissemination activities in the period between the previous meeting and this meeting.



- Mr. Pablo Hernández (Foia) explained 'Floating design' for the advanced drone, the theoretical principles and calculations carried out, the design and manufacture of parts using a 3D printer and the tests carried out landing the drone on the water.
- Working by teams:
  - English teachers had a meeting to review the progress of English Glossary: Irene Pastor (Foia), Zrinka Tomljenović (Sisak), Alenka Špan (Krsko), Andreja Radetič (Krsko), Wirginia Tomczyk (Zs10).
  - The rest of technical teachers&students worked in workshops about assembly drones and design parts for 3D printing.



Making and designing a toy drone through multidisciplinary collaborative work



- After lunch, partners discussed about how to disseminate our Intellectual Outputs. The conclusion is that small courses on the platform will facilitate dissemination.
- Partners worked by teams sharing ideas about the workshops and presentations that were to be made in the first multiplier event.



### Day 6 October 2017

- Mrs. Wirginia Tomczyk and Mrs. Małgorzata Jurczyk (ZS10) presented The DroneTeam Platform (Alpha Version). It will collect and maintain (sustainability) the results of the project. The impact of the project will be powered by the use of the Platform.
- Mr. Tomasz Kądziołka (ZS10) presented the Drone App evolution. The objective is creating an application to control the drone remotely using a smartphone. The application will be available in Google Play. Now the improvements to incorporate will be: Expanding maps for the App, adding bookmarks, writing unit and instrumentation tests, working with control panel.
- Partners discussing about the rest of intellectual outputs to introduce in eLearning DroneTeam Platform. The language will be always in English, but each partner will be able to translate certain contents and create courses in their language. While there will be two main courses (Basic Drone Assembly and Advanced Drone Assembly), it is very important to create small courses that make the Platform more accessible for other teachers or stakeholders that would otherwise not be accessible. There is a barrier that is that components are needed to be able to follow the courses proposed for Basic or Advanced Drone. The Consortium concludes that small courses raised from the experiences that are taking the partners will enrich the Platform and allow more users. The example of using 10 chosen words from the Drone English Glossary is used to create a course that an English teacher can use in a class: use of posters, information, videos and even a Kahoot! that allows students to be evaluated and motivated. In this way, interested non-technical profile stakeholders can use the results of the project.





- Partners reviewed and spoke about how to prepare next multiplier events based on eLearning Platform. The forecasts are that by the end of January the Platform will be open so that the interested stakeholders can download information and carry out the first uploaded courses. All partners are encouraged to make experiences with students by customizing drones and preparing these materials to upload them on the Platform to create a list of courses.
- For the first Multiplier Event, Mr. Franci Uduč (Krsko) distributed t-shirts to the Partners. The attendees of the First Multiplier Event of DroneTeam project received the same t-shirt.
- After lunch, Partners rehearsed the presentations for the First Multiplier Event. The feedback was important to adjust and improve the presentations and prepare the exhibition areas.



- Final agreements: At the end of January the DroneTeam eLearning Platform will be available. All partners will prepare courses according to their expertise and **Making and designing a toy drone through multidisciplinary collaborative work**



their experiences with students. For last year of the project, the schools have all the knowledge about advanced drones and can personalise their drones. Remember the rules for exceptional costs about the invoices and its translation if necessary in English.

- Next meeting dates are fixed:
  - 7<sup>th</sup> Transnational Meeting: **22<sup>nd</sup>** (meeting) **23<sup>rd</sup>** (multiplier event)- **March 2018**. Zabrze (Poland)
  - 8<sup>th</sup> Transnational Meeting: **3<sup>rd</sup>**- **4<sup>th</sup> July 2018**. Ibi (Spain)



Photo Group

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## **ANNEX: 6<sup>th</sup> Transnational Meeting Quality Questionnaire Results**

**Making and designing a toy drone through multidisciplinary collaborative work**

*Project no.2015-1-ES01-KA202-015925*



**Results of Quality Questionnaire about A) The Project as a whole and B) Meeting Organization/Project Progress:**

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Q1

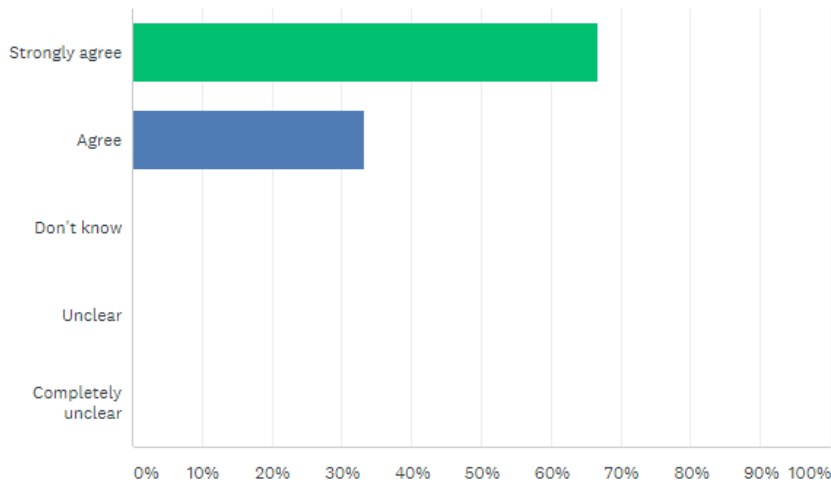
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After meeting conclusions, Do you agree about how we have to organize multiplier events for DroneTeam project?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Strongly agree	66.67%	10
Agree	33.33%	5
Don't know	0.00%	0
Unclear	0.00%	0
Completely unclear	0.00%	0
<b>TOTAL</b>		<b>15</b>



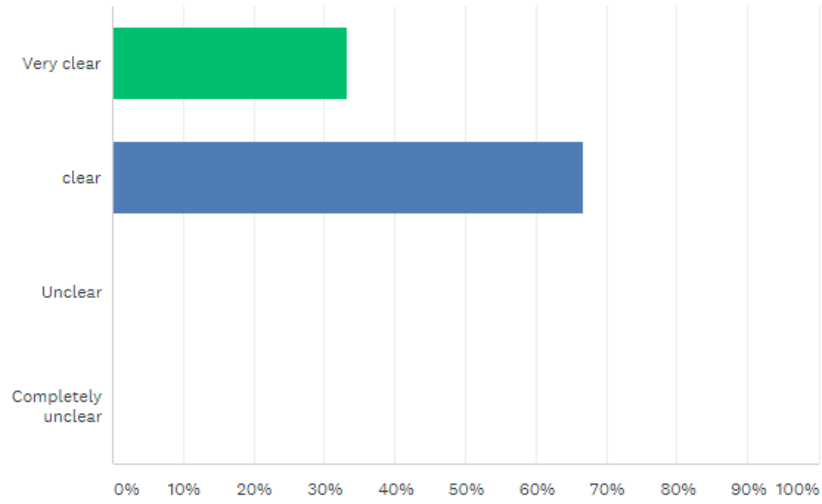
Q2

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Are you next tasks (until next meeting) clear to you?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Very clear	33.33%	5
▼ clear	66.67%	10
▼ Unclear	0.00%	0
▼ Completely unclear	0.00%	0
<b>TOTAL</b>		<b>15</b>



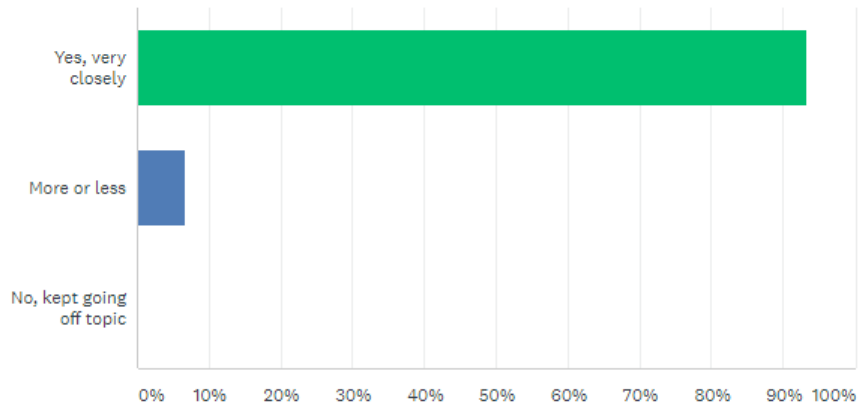
Q3

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### Did the meeting closely follow the agenda?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES
▼ Yes, very closely	93.33% 14
▼ More or less	6.67% 1
▼ No, kept going off topic	0.00% 0
<b>TOTAL</b>	<b>15</b>

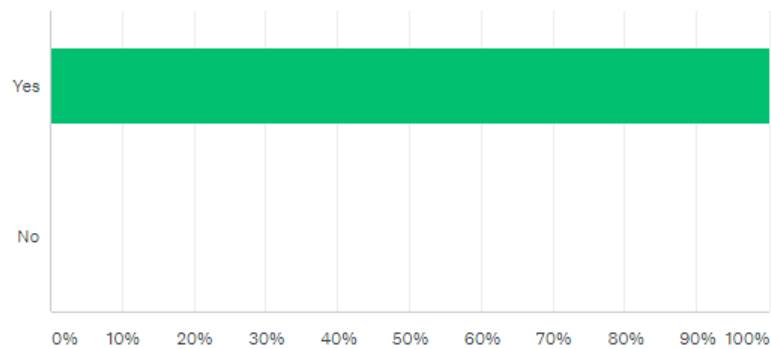
Q4

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### Were partners' presentations informative and relevant?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES
▼ Yes	100.00% 15
▼ No	0.00% 0
<b>TOTAL</b>	<b>15</b>



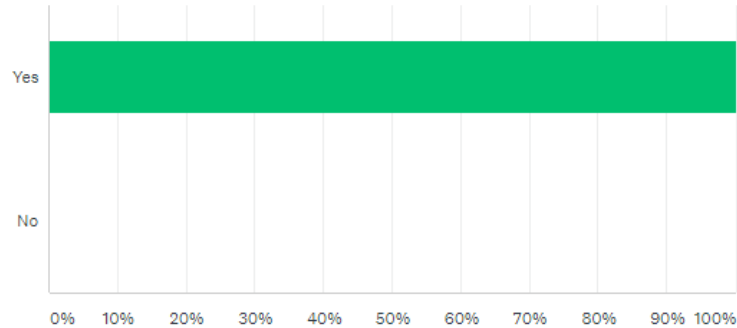


Q5

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Was the meeting venue comfortable and appropriate? (rooms, wifi, etc.)

Answered: 15 Skipped: 0



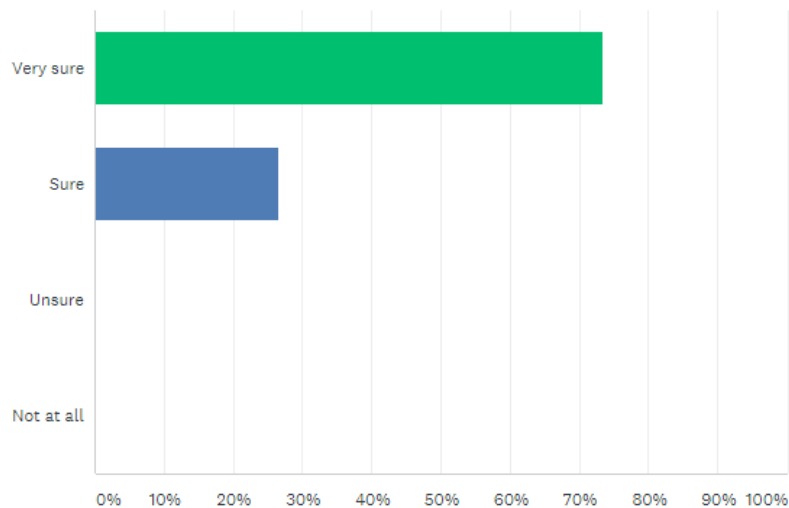
ANSWER CHOICES	RESPONSES	
Yes	100.00%	15
No	0.00%	0
<b>TOTAL</b>		<b>15</b>

Q6

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In your opinion, are the next deadlines agreed during the meeting feasible?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
Very sure	73.33%	11
Sure	26.67%	4
Unsure	0.00%	0
Not at all	0.00%	0
<b>TOTAL</b>		<b>15</b>

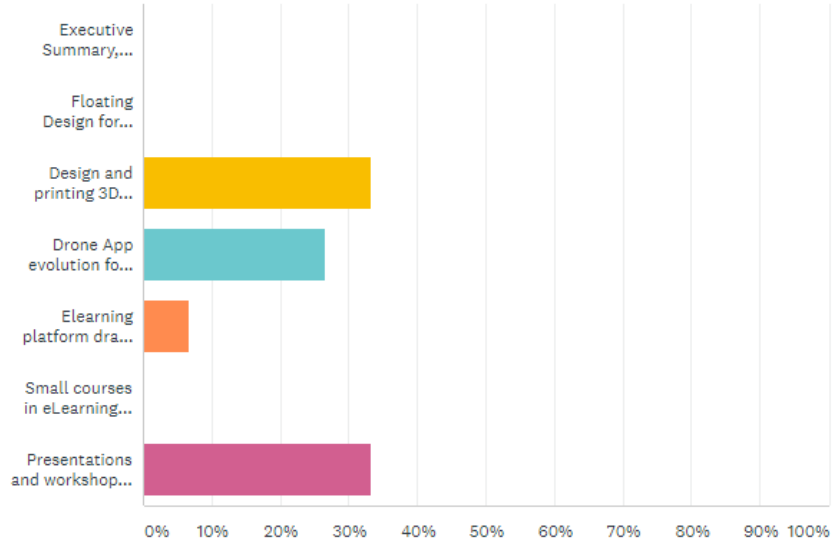


Q7

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What presentation/issue in this meeting do you think was successful or more interesting?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES
Executive Summary, Management, Financials, Work Plan, Dissemination activities	0.00% 0
Floating Design for Advanced Drone	0.00% 0
Design and printing 3D parts	33.33% 5
Drone App evolution for control the drone remotely	26.67% 4
Elearning platform draft (Moodle)	6.67% 1
Small courses in eLearning Platform (in addition to Basic and Advanced Drone Assembly)	0.00% 0
Presentations and workshops prepared for 1st Multiplier Event	33.33% 5
<b>TOTAL</b>	<b>15</b>



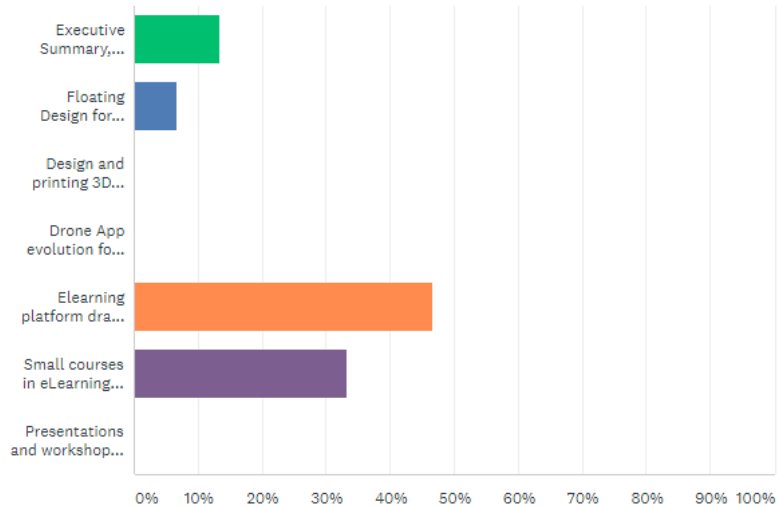
Q8

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What presentation/issue do you think could have been improved, and what can be done about this in future meetings?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES
Executive Summary, Management, Financials, Work Plan, Dissemination activities	13.33% 2
Floating Design for Advanced Drone	6.67% 1
Design and printing 3D parts	0.00% 0
Drone App evolution for control the drone remotely	0.00% 0
Elearning platform draft (Moodle)	46.67% 7
Small courses in eLearning Platform (in addition to Basic and Advanced Drone Assembly)	33.33% 5
Presentations and workshops prepared for 1st Multiplier Event	0.00% 0
<b>TOTAL</b>	<b>15</b>



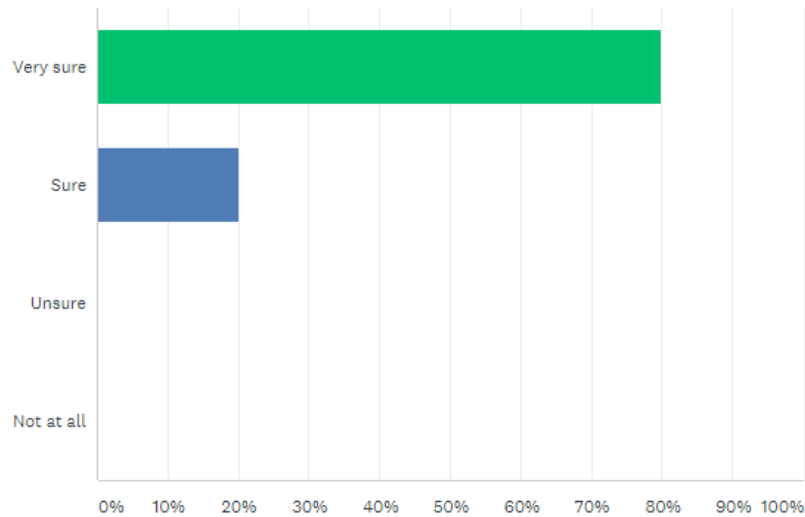
Q9

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Regarding on the project progress, do you think the objectives are being achieved?

Answered: 15 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Very sure	80.00%	12
▼ Sure	20.00%	3
▼ Unsure	0.00%	0
▼ Not at all	0.00%	0
<b>TOTAL</b>		<b>15</b>



Q10

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The project starts the last year. We have to work in communications activities and multiplier events properly. Please, define what you think is missing or needs to be improved for this new period. Are there any other comments you wish to make? (about project in this period, this meeting, etc.)

Answered: 12 Skipped: 3

Showing 12 responses:

Now working in personalising drones and working in elearning platform

Happy to meet again with my colleagues from other schools. I think the project is really interesting for teachers and students.

Moodle will be our new result to show.

No any comments

Nothing

Work more in impact and dissemination

No, not all it's righth

All partners have to disseminate more this last year

The project has been successful so far, it should continue like this, we could probably add more stress to e-learning materials.

Nothing to add.

Maybe we should be more specific about how each school should personalise the drones

In my opinion, we are on the right way. We have a lot of material, now we have to prepare the courses on the eLearning platform properly.