



Minutes Kick off Meeting November 3rd and 4th

1. ATTENDANTS LIST

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| iBW | Remi Crameri |
| Dypsela | Jordi Oliver Javier Cabañero Jorge Gutiérrez |
| VALDORIO | Jose Cunha Antonio Moreira Antonio Esteves Francisco Cruz |
| GIUA | Stefano Marongiu |
| TAW | Andreas Florida Laura Sordo Fabrizio Aiana |
| Xabec | Gregorio Blanco Ignacio Ferrer Guillermo Ferrando Juan Manuel Mompó |
| UPV | Manuel Martínez María Consuelo Esteve Francisco Berenguer |

2. PARTNERS PRESENTATIONS.

Antonio Mir as a XABEC principal welcomed the participants to the KA2 meeting. After this, all the partners presented their institutions.

Andreas Florida - TAW
Stefano - Giua
Jose Cunha - Valdorio
Remi Crameri - iBW
Manuel Martínez - UPV
Jordi Oliver - Dypsela
Gregorio Blanco – XABEC



3. VR-PROJECTX PRESENTATION.

Ignacio Ferrer (Xabec) explained in detail the KA2 project explaining the precedents. **Stefano** asked about the partners involved in TopMost and One2one projects.

Conclusions and Next Steps

- During November and December, GIUA and IBW will review the Common Learning Outcomes and the creation process of new learning outcomes in different areas. They show interest in Chemistry, mechatronics. Deadline: December...

4. FINANCIAL MANAGEMENT

Gregorio Blanco (Xabec) explained the economic items and explained that XABEC is still waiting for the documentation from the Spanish national agency.

Gregorio explained the expected payments calendar.
Mutual agreement on sending documents every 6 months.
Stefano asked about who should fill the interim report.

Conclusions and Next Steps

- Gregorio will inform the partners when Xabec receives the documents from the Spanish National Agency.
- Partners will send participants contact details. Deadline: One week after signing the contract with the national agency
- Gregorio shares the templates for the management of the project: staff, hours, etc...
- Gregorio will create a Drive to share documents.

5. E-LEARNING PLATFORMS

VET schools and the UPV explained the E-Learning Platforms.

- Antonio Moreira - Valdorío: VDR shows the e-learning platform that is based in moodle.
- Ignacio Ferrer - Xabec: XBC shows the e-learning platform that is based in moodle. They emphasize that the TIC department of Xabec manages the platform, so it could be an important advantage in terms of sustainability.



- Remi Crameri - iBW: They show the platform that is like a visor of SCORM files. This is OpenOlat. The strong point of IBW is the physical access to the automation labs by VPN connections. Students can use the lab from home.
- Stefano - GIUA: they use Google Classroom and all the google tools: Meet, Drive, etc...
- Maria Consuelo - UPV: They show the UPV e-learning platform. It is based in SAKAI

Conclusions and Next Steps

- Antonio Moreira suggested to analyze the H5P technology so VR-ProjectX can be added to middle platforms. DYPSELA will analyze the compatibility with the software to develop VR modules (UNITY). Deadline: december
- UPV will summarize this session and will make a proposal. Deadline:(next meeting)

6. PROJECT MANAGEMENT – DISSEMINATION.

Gregorio Blanco (Xabec) explained the communication Tools, and we agree in the use of Google Drive, during the nexts weeks, Xabec will develope the folders stucture. Xabec will also develope the signatures sheets.

Xabec has developed a simple form to get participants contact details, to create a WhatsApp group.

We agree about organizing a monthly online meeting.

Andreas explained the dissemination plan, It includes to design 3 possible logos to vote one on the next meeting. They Will develope the website, and Facebook, twitter and linkedin profile.

During the meeting we agree in use www.vrprojectx.eu as a domain. Xabec will pay It.

Conclusions and Next Steps

- Andreas - TAW will propose 3 logos to vote. Deadline: December
- Andres - TAW will propose the design of a website, roll-ups and flyers.
- Gregorio suggests to buy the domain of www.vrprojectx.eu to the Xabec hosting provider to ensure the sustainability.



7. WHAT IS A PROJECTX?

Guillermo Ferrando (Xabec) Presented to the partners what is a Projectx

Conclusions and Next Steps

- GIUA and IBW will analyze the forms and the handbook of the ProjectX methodology.

8. Virtual Reality.

Jordi Oliver (Dypsela) showed how virtual reality works, and described the different types of devices.

9. WORKSHOP – HOW TO DEVELOPE A VR-PROJECTX?

Using as a reference the One2one manual (http://projectxone2one.eu/wp-content/uploads/2014/06/15_08_Guideline-For-making-ProjectX_Final4.pdf)

Guillermo Ferrando and **Ignacio Ferrer** (Xabec) were directing the session in which the partners assessed which aspects were applicable to the current Project.

Core Areas (propounded)

Valdorio: Areas that involve assembly and disassembly

Electricity and electronics

IBW: Photovoltaics and electricity

GIUA: It has not sense link VR with projectxs in programming area.

Chemistry

Content Level:

Valdorio: Sugested level 4

iBW: They have level 5, but considers that level 4 is a good opportunity to prepare students who begin

GIUA: Agree with level 4



Valdorio: Reinforces the level 4, using the example of preparation during the lockdown.

XABEC: Levels of complexity could be established.

Technical aspects:

Explanation about the complexity of the devices: Glasses, glasses + joystick, glasses + Gloves...

Antonio Moreira shared examples of VR-gloves

Jordi Oliver explained the idea of the decision tree, with a screw as an example, considering that it must be necessary have steps that, although not well completed, allow us to go to the next point.

Juanma emphasizes that this methodology is intended to show a process, the level of completion of the tasks must be adequate for the student to learn the process.

All the partners agree about include on the manual a section to describe the scenarios and tools.

All the partners agree about include a brief video to explain the activity.

The programming could include two modes: Learning and assessment

Autoassessment: although the partners valued the convenience of including a check list, **Jordi Oliver** emphasizes that the way to assess the students should be the real workshop

XABEC and **Valdorio** Will have an extra meeting to focus the Intellectual Output 1, we will send a template to the partners to know their areas of interest.

We agree in considering the VRProjectX as a tool to prepare students before going into the workshops. The assessment of the VR Module could be: student is ready.

We agree in applying VR module in activities related with practical tasks (assembly, maintenance), but not intellectual (design, management, etc...)

We agree in adding new knowledges

We study to program different levels of complexity

Dypsela suggest to add a decision tree to be fulfilled by partners.



Conclusions and Next Steps

- XBC will do a form to ask to partners for new knowledge areas and activities.
- Dypsela will propose a decision tree template
- XBC and VdR will do the draft of the VRProjectX handbook

10. QUALITY

UPV will be the responsible of quality, Maria Consuelo Esteve detailed their plan to evaluate it.

They Will send the quality survey to the participants of the meetings together with the minutes.

11. NEXT STEEPS

1. XABEC - List of managers in VRProjectx with data contact.
2. XABEC - List of teachers in VRProjectx with data contact.
3. XABEC - Send the Notes of the Kick-off Meeting
4. XABEC – Agreement between partners.
5. TAW - Dissemination – Logo
6. TAW - Dissemination – Rollup
7. TAW - Dissemination – WebSite
8. XABEC - VR Projectx Handbook Draft
9. Dypsela - To analyze the H5P Technology for the integration of the Vr in a Moodle
10. UPV - Summary Conclusions of the e-learning platforms.
11. XABEC - Find a date for the online meeting during December
12. ALL PARTNERS – Send the power Point Presentations
13. XABEC and Valdorío - Draft of the VRProjectX handbook.
14. GIUA and iBW - Analyze the forms and the handbook of the ProjectX methodology.
15. XABEC - To buy the domain of www.vrprojectx.eu