WP 3.3 PBL and EL in competence based learning workshop report

Project Acronym:	**BUGI**
Project Full Title:	**Western Balkans Urban Agriculture Initiative**
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Funding Scheme	**Erasmus Plus**
Coordinator:	**University of Sarajevo**
Project Start Date:	**October 15, 2017**
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Version	Date	Revision Description	Partner responsible
v.01	17/07/2019	First draft version	Petar Glamočlija (UNSA)
v.02	02/09/2019	Second version	Špela Železnikar (UL)
v.03	05/09/2019	Final version	Špela Železnikar (UL)

List of abbreviations

WB   Western Balkans
WP   Work package
UNSA   University of Sarajevo
UNMO   University "Džemal Bijedić" of Mostar
UDG   University Donja Gorica
UP   University of Prishtina
UXZ   University "Haxhi Zeka" of Peja
UNIBO   University of Bologna
SWUAS   South Westphalia University of Applied Sciences
UL   University of Ljubljana

Introduction WP 3 "Developing capacities and facilities": General description and objectives

WP 3 "Developing capacities and facilities" aims to deliver the activities necessary to implement new curriculum and LLL programs at partners HEIs.

Based on curricula drafts (D2.1), the WP3 report on teaching/training infrastructure and the level of teachers' knowledge and skills needed to meet defined learning outcomes enables partner HEIs to perform internal assessments (D1.7.).

Report D1.7 is used to design teachers training and study visits at program HEIs in order to assure that teaching staff from partner HEIs can experience UA study program for themselves and enable good practice knowledge transfer face-to-face with respect to the modules introduced in curricula.

WP3 PBL and EL in competence based learning teachers training and Distance learning guide, manual and workshop aims to enable teaching staff with knowledge necessary to implement curriculum.

WP3 produced guides for students and manuals for staff will enhance curriculum implementation and enable mutual understanding of process.

Providing equipment necessary to deliver hands-on experience for partners HEI, according to the number and types of modules introduced in new curricula, will enable practice oriented learning process.

WP will design/purchase and provide new textbooks, tutorials, scripts and other teaching tools for partners HEI according to the number and types of modules introduced in new curricula.

Deliverable 3.2: PBL and EL in competence based learning workshop

According to the project planned activities PBL and EL in competence based learning workshop, for partner HEIs teaching staff is organized with the aims to pprovide knowledge and experience on competence based learning focused on:

- Design and implementation of PBL learning projects with desired competence outcomes.
- How to enhance and operationalised acquisition of competences.
- How learning steps and assignments can be linked to the competence levels.

Experience as well as educational materials developed by the project will be afterwards presented in the form of manual/guide to enhance overall understanding of PBL and to ensure smooth implementation of curriculum.

Workshop attendance

According to the project proposal 25 staff from 5 partner HEIs participated at the workshop (Tabel 1, 2)

Table 1. List of attendance.

No.	Name	Institution
1.	Pakeza Drkenda	UNSA
2.	Petar Glamočlija	UNSA
3.	Mirza Uzunović	UNSA
4.	Osman Musić	UNSA
5.	Sabrija Čadro	UNSA
6.	Emina Sijahović	UNSA
7.	Fikreta Behmen	UNSA
8.	Elma Temim	UNMO
9.	Alisa Hadžiabulić	UNMO
10.	Jasmina Aliman	UNMO
11.	Alma Rahimić	UNMO
12	Aleksandra Šupljeglav	UNMO
13.	Skender Kaciu	UP
14.	Mentor Thaqi	UP
15.	Imer Rasimovci	UP
16.	Shukri Fetahu	UP
17.	Nexhdet Shala	UHZ
18.	Nazim Hasanaj	UHZ
19.	Hajrija Škrijelj	UHZ
20	Agim Rusha	UHZ
21.	Vesna Maraš	UDG
22.	Jovana Drobnjak	UDG
23.	David Kočović	UDG
24.	Pier Giacomo Sola	UNIBO
25.	Bernd Polling	SWUAS
26.	Špela Železnikar	UL
27.	Ana Slantar	UL

Table 2. Attendance according to partners.

Institution	Planned	Realized	Balance
UNSA	5	7	+2

UNMO	5	5	0
UP	5	4	-1
UHZ	5	4	-1
UDG	5	3	-2

Workshop programme

On Tuesday, June 11 2019, UNSA organised the workshop (see Appendix 1 for detailed programme). After the registration and welcome speeches the first lecture started.

Pier Giacomo Sola from UNIBO presented the "Curriculum modules and LLL centre programmes development". After a theoretical introduction on *Active learning - in particular problem based learning and experiential learning methodologies* the first Case study presentation started. Špela Železnikar (UL) presented the case study LivadaLAB. A problem based learning approach that established a community managed public space with student and volunteers. Problem based learning in Urban Agriculture (Experiences from South Westphalia University of Applied Sciences) presented by Bernd Polling was the second case study presentation. After the lunch break, the workshop continued with the presentation from Ana Slatnar (UL), who presented the third case study, Aquaponics - innovative example of urban Horticulture via skype. The workshop closed with Mirza Uzunović from UNSA and his presentation on PBL (problem based learning) in a Virtual Classroom. See Appendix 2 for detailed presentations.

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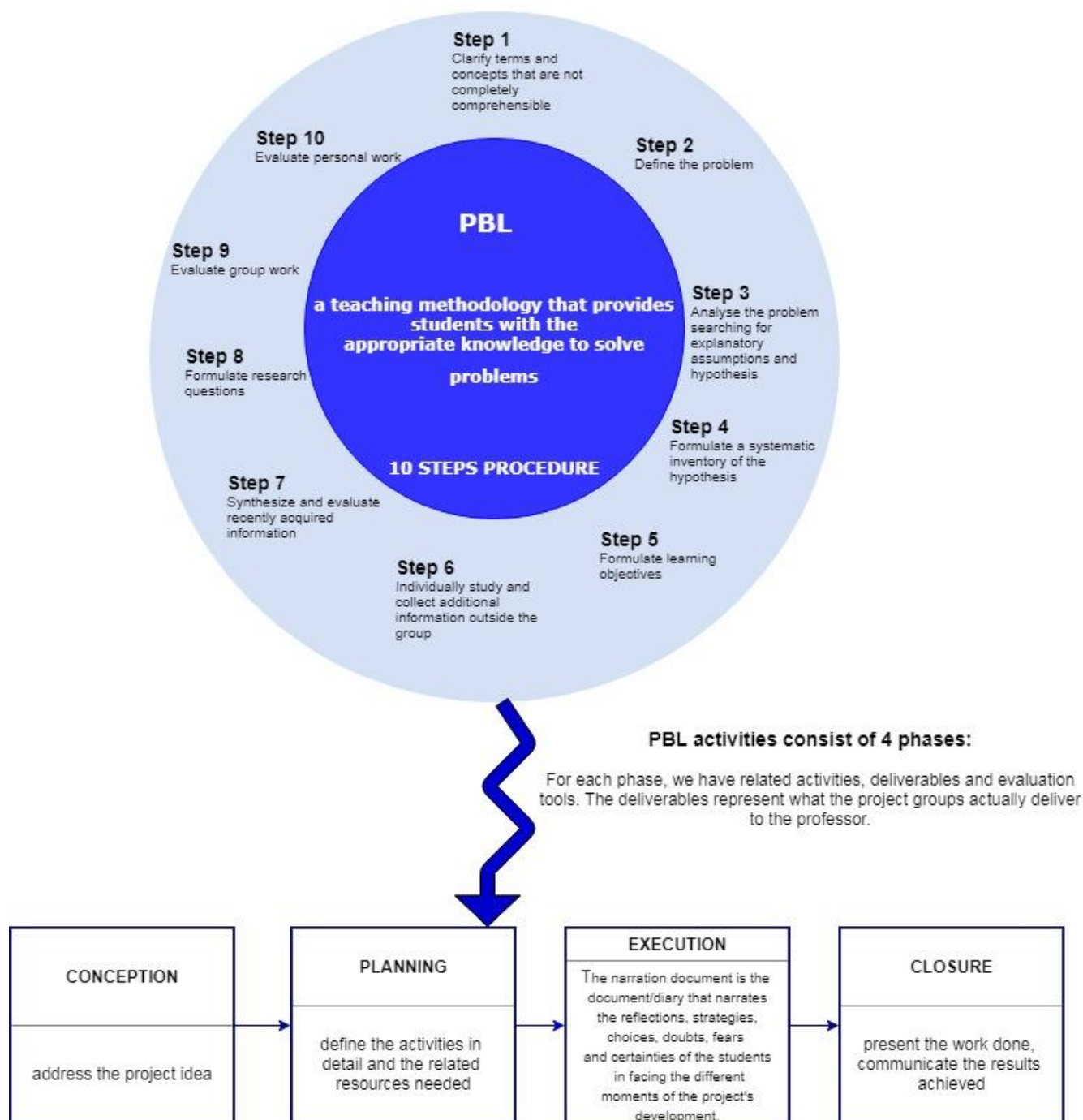
Workshop: Lessons learned 1 - PBL

Figure 1: Problem based learning approach scheme

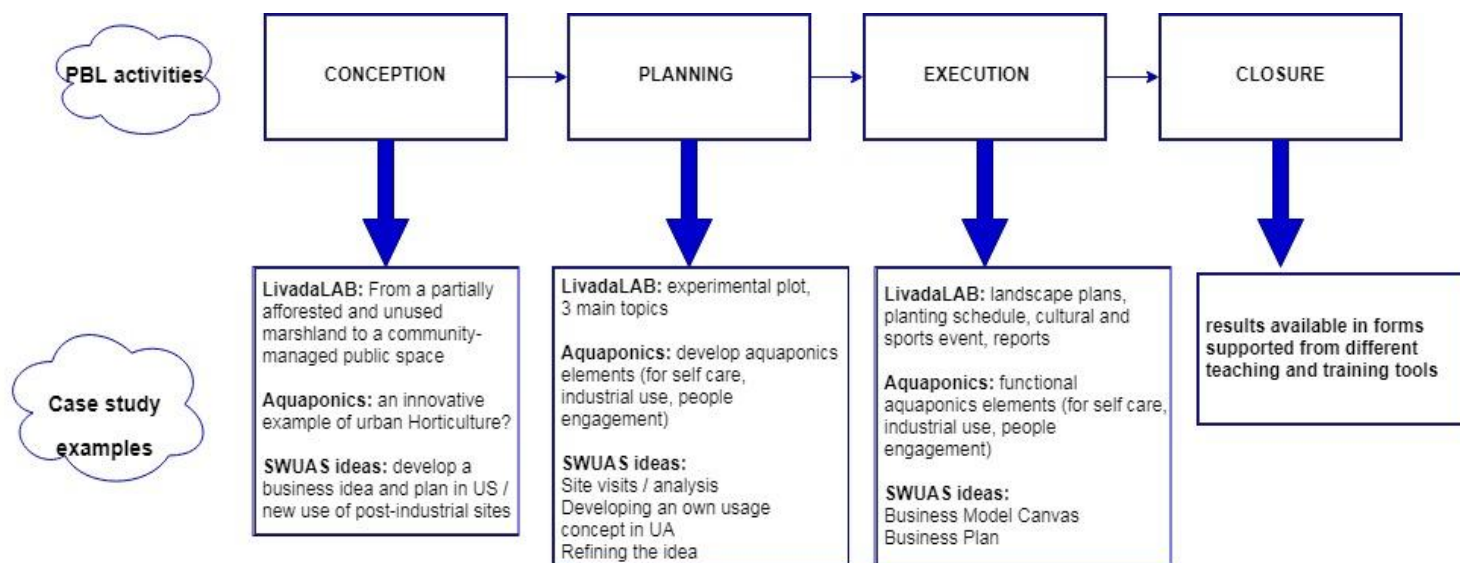# Workshop: Lessons learned 2 – PBL in presented case studies

Figure 2: PBL examples from workshop presentations

APPENDIX 1: Detailed workshop programme

Activity 3.3. PBL and EL Competence Based Learning Workshop of the Erasmus+ project Western Balkans Urban Agriculture Initiative – BUGI (586304-EPP-1-2017-BA-EPPKA2-CBHE-JP)

Sarajevo, Tuesday, June 11, 2019

Faculty of Agriculture and Food Sciences
Zmaja od Bosne 8
Conference hall

Workshop programme

8:30 – 9:00 Registration

9:00 – 9:15 Welcome (Prof. dr Muhamed Brka, Dean and Prof. dr Pakeza Drkenda, Project Coordinator)

9:15 – 10:00 Activity 2.2. Deliverable / Outcome: Learning projects design guide for teachers (Pakeza Drkenda and UNIBO representative (t.b.c.))

10:00 – 11:00 Case Study 1 (Spela Železnikar, UL)

11:00 – 11:30 Coffee break

11:30 – 12:30 Case Study 2 (Ana Slatnar, UL)

12:30 – 14:00 Lunch break

14:00 – 15:00 Case Study 3 (Bernd Poelling, SWUAS)

15:00 – 16:00 PBL in a Virtual Classroom (Mirza Uzunović, UNSA)

16:00 – 16:15 Coffee break

16:15 – 17:00 Discussions and WS reflections

17:00 – 17:15 Plan of further activities (WS on DL and use of ICT)

Map:
https://www.google.com/maps/place/Zmaja+od+Bosne+8,+Sarajevo+71000/@43.8560985,18.3965277,
17z/data=!3m1!4b1!4m5!3m4!1s0x4758c921640a1cdd:0xe6c649ec6f97168c!8m2!3d43.8560985!4d18.
3987164

APENDIX 2: Presentations

Available presentations:

- PBL Workshop presentation by UNIBO
- PBL Workshop presentation by SWUAS
- PBL Workshop presentation by UL
    - LivadaLab
    - Aquaponics

To download presentations please use following link: http://bugi.unsa.ba/mdocuments-library/?mdocs-cat=mdocs-cat-27&mdocs-att=Documents

APENDIX 3: Workshop quality evaluation report

Figures below (Figure 3-6) represent the evaluation results of the workshop in Sarajevo. The overall evaluation results show that the participants evaluated the workshop as excellent, followed by the evaluation score good and reasonable in all the evaluation process.
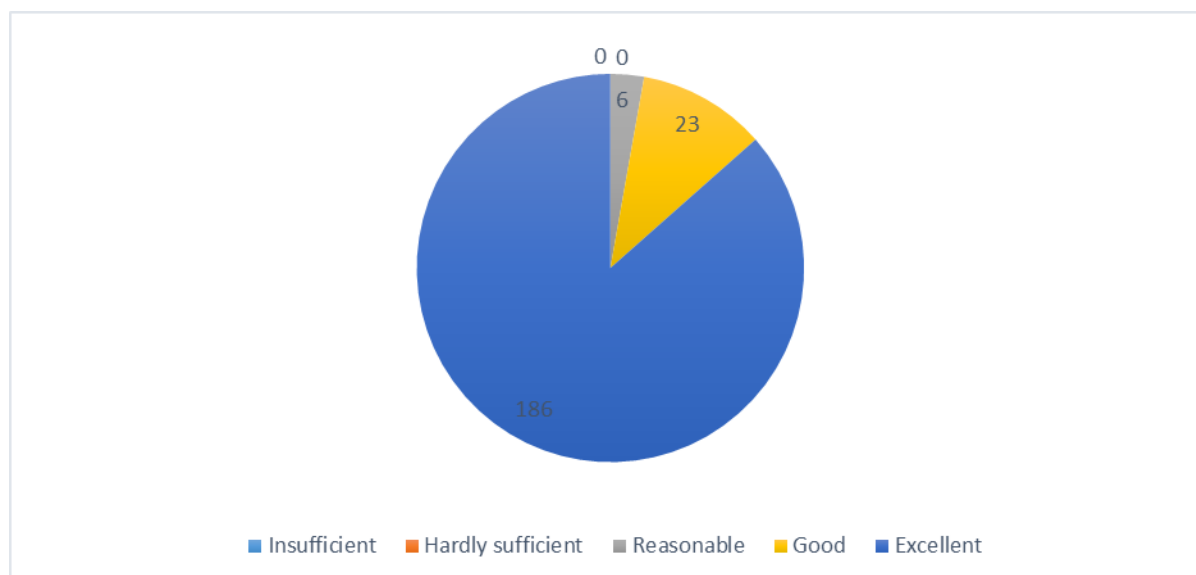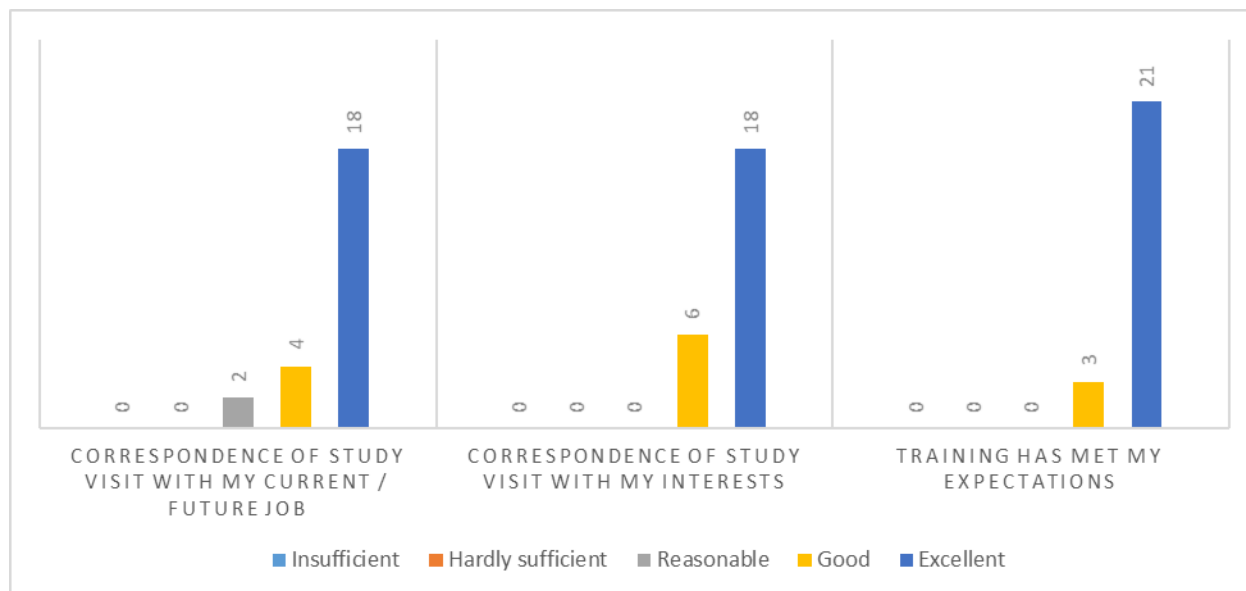

Figure 3: Overall evaluation of the workshop event

Figure 4: Results of usefulness of training for acquiring new skills
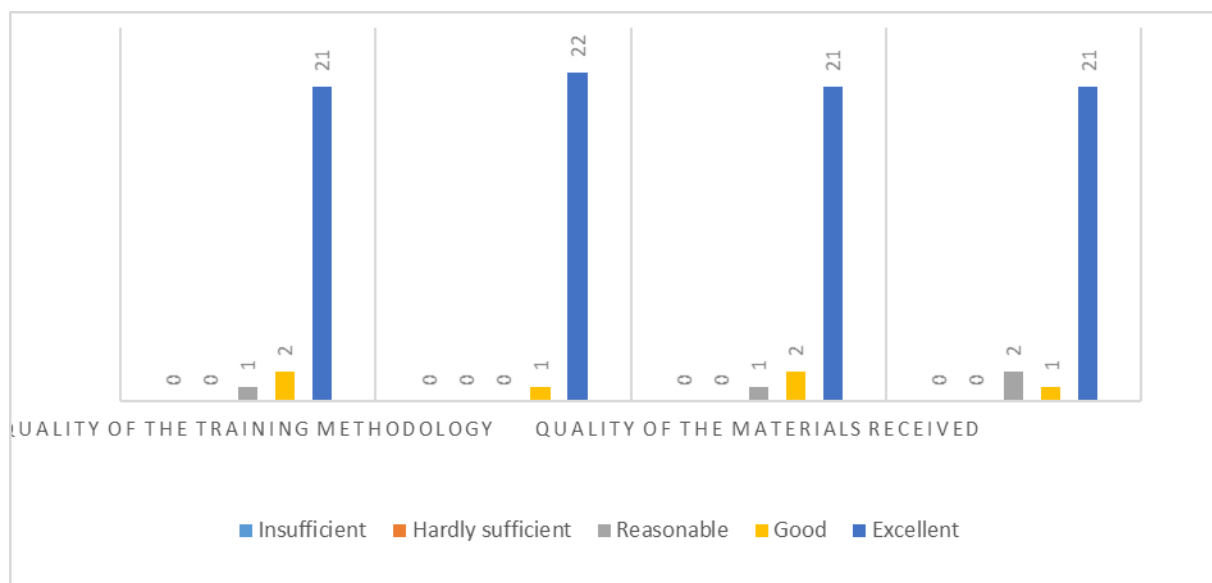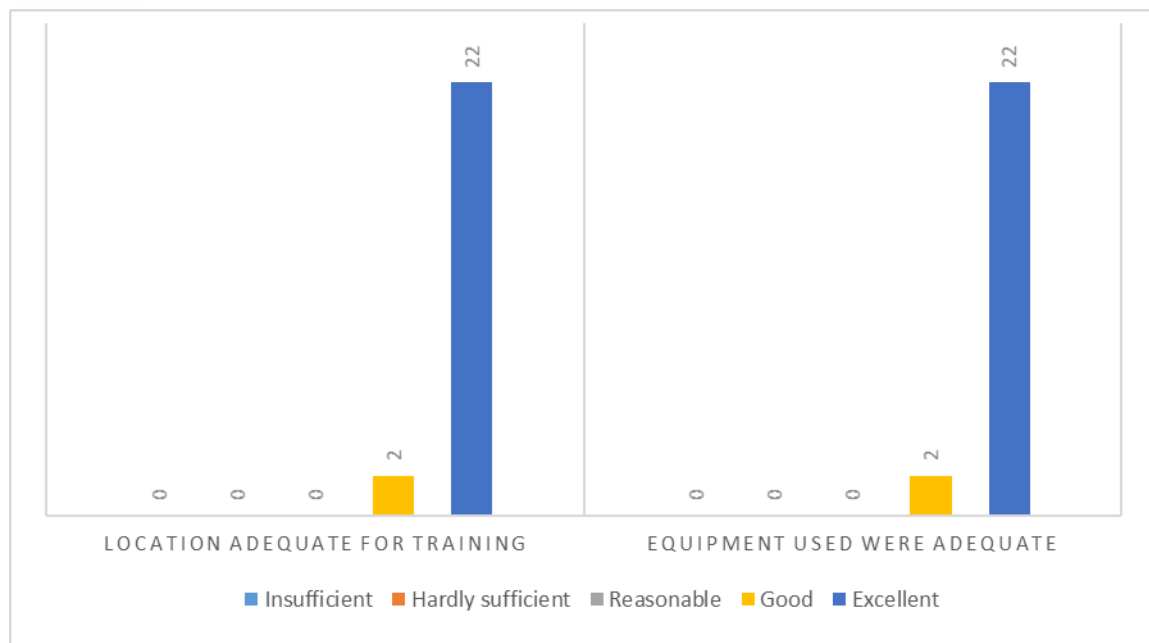

Figure 5: Results of effectiveness of materials and methods

Figure 6: Results of organisation of the event