

WORK PACKAGE 5: PROJECT IMPACT AND OUTREACH

ENGAGEMENT & ACTIVITIES

General Instructions:

- Each Higher Education Institution will conduct these education and public engagement activities twice a year.
- Each Higher Education Institution (HEI) must adhere to specific protocols during BIOMED 5.0 events.
 - a. Protocols include setting up standees of BIOMED 5.0, wearing BIOMED 5.0 ID cards, and arranging backdrops for events.
 - b. HEIs are required to capture pictures and videos of each event for documentation purposes.
 - c. HEIs are required to take consent for all the activities in writing from the organization prior to visit.
- If the target audience is unreachable in one session, HEIs have the option to visit twice or if HEI feels they may combine two activities together e.g. Women in STEM and High School visit by visiting a Higher Secondary school having majority female audience.
- All HEIs are required to submit a comprehensive report, consisting of 2-3 pages, detailing the event proceedings and outcomes, within 1 to 2 weeks after the event.

Action Plan -LUMHS

S. No.	Activity Completion Date	Tasks	Deliverables	Mode	Target Audience
1	July 2024	(T5.4) How to disseminate technical information to a non-technical person.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	100 in total All HEIs members + 5 nominated Faculty members from each HEI
2	August 2024	(T5.4) Communication Skills (Oral and written)	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	100 in total All HEIs members + 5 nominated Faculty members from each HEI

3	September 2024	(T5.8) Secondary & Higher school visits. 1. Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	50 Students*
4	September 2-4, 2024 (KeyTech 2024)	(T5.5 & T5.7) Organize/Participate in International Conference	1. Workshops/Keynote Speech 2. Poster Competition 3. Oral Presentation	Physical	250**
5	17th to 19th October 2024	(T5.4) Health Asia Exhibition	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
6	October 29-31, 2024	(T5.4) Participation in Community Events like DUHS-DICE.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
7	November 2024	(T5.8) Women in STEM 1. Women Achievers in STEM.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	50 Students*
8	November 14-15, 2024	(T5.9) Session 1: How To Design a Case Study? (Including Consent forms and Survey forms)	1. Feedback forms. 2. A report with the activity detail and feedback analysis 3. Pictures and videos with short captions.	Physical	Academic Staff, Students and all HEI's responsible for project activities
9	December 18-19, 2024	(T5.9) Session 2: How To Design a Case Study?	1. Feedback forms.	Physical	Academic Staff, Students and all HEI's

		(Including Consent forms and Survey forms)	2. A report with the activity detail and feedback analysis 3. Pictures and videos with short captions.		responsible for project activities
10	December 2024	(T5.4) National Incubation Centres visits.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
11	February 2025	(T5.8) Secondary & Higher school visits. • Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	50 Students*
12	April 2025	(T5.8) Women in STEM • Women Achievers in STEM.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Hybrid	50 Students*
13	August 2025	(T5.4) National Incubation Centres visits.	1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
14	August-September 2025 (KeyTech 2025)	(T5.5 & T5.7) Organize/Participate in International Conference	1. Workshops/Keynote Speech 2. Poster Competition Oral Presentation	Physical	250**
15	October 2025	(T5.4)	1. Consent form,	Physical	Stakeholders, Professionals

		Participation in Community Events like DUHS-DICE.	<ol style="list-style-type: none"> 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions. 		and Students Entrepreneurs (min. 10 each)
16	October 2025	(T5.4) Health Asia Exhibition	<ol style="list-style-type: none"> 1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions. 	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
17	October-November 2025	(T5.8) Education and Public Engagement: <ul style="list-style-type: none"> • 3D Printing 	<ol style="list-style-type: none"> 1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions 	Physical	Students & LabStaff-50
18	November-December 2025	(T5.8) Education and Public Engagement: <ul style="list-style-type: none"> • Fab Lab VR/AR 	<ol style="list-style-type: none"> 1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions 	Physical	Students & LabStaff-50
19	February 2026	(T5.8) Secondary & Higher school visits. <ul style="list-style-type: none"> • Introduction to STEM, specifically Biomedical Engineering and BIOMED 5.0 	<ol style="list-style-type: none"> 1. Consent form, 2. Survey forms. 3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions. 	Physical	50 Students*
20	April 2026	(T5.8) Women in STEM <ul style="list-style-type: none"> • Women Achievers in STEM. 	<ol style="list-style-type: none"> 1. Consent form, 2. Survey forms. 3. Feedback forms. 	Hybrid	50 Students*

			<ol style="list-style-type: none"> A report with the activity detail and feedback analysis Pictures and videos with short captions. 		
21	July 2026	(T5.4) National Incubation Centres visits.	<ol style="list-style-type: none"> Consent form, Survey forms. Feedback forms. A report with the activity detail and feedback analysis Pictures and videos with short captions. 	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
22	August 2026	(T5.8) Education and Public Engagement: <ul style="list-style-type: none"> 3D Printing 	<ol style="list-style-type: none"> Consent form, Survey forms. Feedback forms. A report with the activity detail and feedback analysis Pictures and videos with short captions 	Physical	Students & LabStaff-50
23	September 2026	(T5.8) Education and Public Engagement: <ul style="list-style-type: none"> Fab Lab VR/AR 	<ol style="list-style-type: none"> Consent form, Survey forms. Feedback forms. A report with the activity detail and feedback analysis Pictures and videos with short captions 	Physical	Students & LabStaff-50
24	September 2026 (KeyTech 2026)	(T5.5 & T5.7) Organize/Participate in International Conference	<ol style="list-style-type: none"> Workshops/Keynote Speech Poster Competition Oral Presentation 	Physical	250**
25	October 2026	(T5.4) Participation in Community Events like DUHS-DICE.	<ol style="list-style-type: none"> Consent form, Survey forms. Feedback forms. A report with the activity detail and feedback analysis Pictures and videos with short captions. 	Physical	Stakeholders, Professionals and Students Entrepreneurs (min. 10 each)
26	October 2026	(T5.4) Health Asia Exhibition	<ol style="list-style-type: none"> Consent form, Survey forms. 	Physical	Stakeholders, Professionals

			3. Feedback forms. 4. A report with the activity detail and feedback analysis 5. Pictures and videos with short captions.		and Students Entrepreneurs (min. 10 each)
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References

1. *The details of student’s ratio are mentioned on page no 109 of BIOMED 5.0 Document.
2. ** Audience Participation ratio is mentioned on page no 109 of BIOMED 5.0 Document.
3. STEM Outreach Programme mentioned in **T5.8**
4. Education and Public engagement mentioned in **T5.4** on page no: 99 & 109
5. The total ratio of students and lab staff in Education and Public Engagement is 3000 for all HEI’s which is covered in three sessions, mentioned on page no. 109 **E5.8, E5.9 & E5.10.**