

Workpackage 5 : Course delivery and WBL

Duration: M19 – M36

Partners involved in this WP:

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P(6)	Greece	0	60	0	10	70	Leads this WP and the following tasks: Task 5.1. BioS VOOC delivery Task 5.3. Monitoring, evaluation and review Contributes to the implementation of Task 5.2. Work-based learning periods
P(1)	Germany	0	60	0	10	70	Contributes to the implementation of all WP5 tasks.
P(2)	Greece	0	50	0	20	70	Leads Task 5.2. Work-based learning periods and contributes to the implementation of the following tasks: Task 5.1. BioS VOOC delivery Task 5.3. Monitoring, evaluation and review
P(3)	Greece	0	50	0	10	60	Contributes to the implementation of all WP5 tasks.
P(4)	Greece	0	30	0	0	30	Contributes to the implementation of all WP5 tasks.
P(5)	Spain	0	110	0	10	120	Contributes to the implementation of all WP5 tasks.
P(7)	Belgium	0	30	0	10	40	Contributes to the implementation of all WP5 tasks.
P(8)	Germany	0	30	0	10	40	Contributes to the implementation of all WP5 tasks.
P(9)	Germany	0	30	0	20	50	Contributes to the implementation of all WP5 tasks.
P(10)	Italy	0	50	0	10	60	Contributes to the implementation of all WP5 tasks.
P(11)	Finland	0	50	0	10	60	Contributes to the implementation of all WP5 tasks.
P(12)	Portugal	0	50	0	10	60	Contributes to the implementation of all WP5 tasks.
P(13)	Cyprus	0	50	0	20	70	Contributes to the implementation of all WP5 tasks.
		0	730	0	150	880	

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Delivery, pilot-testing, assessment and review of the BioS training programme in all participating countries, using the educational material designed in WP2 and developed in WP3, through the BioS Virtual Learning Environment developed in WP4.

The BioS VOOC delivery will first be pilot-tested and then take place in two rounds, with pre-scheduled intervals of assessment, evaluation and improvement, in order to maximize efficiency and participation.

It is expected that at least 800 medical doctors from all partner countries and beyond, in total, will attend the BioS VOOC

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Delivery of the WBL component of the BioS training programme will take place in this WP. At least 80 medical doctors from all partner countries will participate in it by putting to practice their acquired knowledge and skills on Bioinformatics in practical "working life" situations through:

- a) study-visits to real working environments, embedding trans-national learning experience for both learners and trainers and
- b) the VLE, which will offer an intelligent, responsive, and adaptive learning environment based on real multimedia cases (case-based learning) and real working-life video (as described in previous WP4)

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Three tasks are envisaged:

T5.1: BioS VOOC delivery, M19-M28, Leader: UPAT

T5.2: Work-based learning periods, M19-M35, Leader: e-NIOS

T5.3: Evaluation and improvement of the BioS course, M19-M36, Leader: UPAT

Workpackage 7 : Evaluation

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Short presentation of organisation and staff of Lead Partner

Lead Partner: University of Patras – UPAT (P6) ECE dept – APEL

- Education as well as Research and Application of microprocessors based systems, embedded systems and cyber physical systems in multiple domains
 - industry, eHealth, smart grid, smart city
- APEL is well known for its large scale laboratory facilities where all ECE students get hands on experience
- Dr Stavros Koubias (APEL director)
- Dr Yiannis Gialelis (Laboratories Head Instructor & Quality Assurance Manager for the Laboratory provided services according to ISO9001:2008)
- Phd candidates

Workpackage 7 : Evaluation

Duration: M2 – M36

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Partners involved in this WP

P(6)	Greece	20	30	0	0	50	Leads this WP and both its Tasks, namely: Task 7.1. Regular monitoring of progress Task 7.2. Evaluation methods, revision and adjustments
P(1): SHB	Germany	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(2): e-NIOS	Greece	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(3): OT	Greece	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(4): Skybridge	Greece	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(5): BIB	Spain	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(7):EMA	Belgium	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(8):EUREHVA	Germany	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(9):BGU	Germany	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(10):For Srl	Italy	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(11):HiDucator	Finland	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(12):EPRALIMA	Portugal	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
P(13):GOC	Cyprus	10	20	0	0	30	Contributes to the implementation of both Task 7.1 and Task 7.2
		140	270	0	0	410	

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Goal: Quality Assurance and Evaluation

- Monitor BIOS progress
- Make sure goals and outcomes will be met
- Time schedule is fully respected
- Establish a continuous evaluation methodology (may according to ISO stds??) both internal and external.

Two tasks are envisaged:

T7.1: Regular monitoring of progress (M2 – M36), Leader: UPAT

T7.2: Evaluation methods, revision and adjustments (M2 – M36),
Leader: UPAT

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T7.1: Regular monitoring of progress (M2 – M36),

Leader: UPAT

Every six months, prior to the project meetings, several info will be collected from all partners regarding:

- Technical aspects of the project deliverables (functionality, usability, design, support, training quality)
- Pedagogical aspects of the project (strategies used, kinds of activities it can support, added value of the project, etc.)
- Achievements (level and quality)
- Deadlines (are these met? – all assigned tasks are completed? -etc).

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- Progress will be discussed at the progress meeting and the Management Board will take necessary (if any) corrective actions
- Monitoring finding will be depicted into the evaluation reports as well as the interim and final reports

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Deliverable :R7.1 – Project Evaluation compendium (EN - M5 – UPAT) in conjunction with R6.1: Quality Assurance Plan (EN- M5- EPRALIMA)

- A Short Quality Assurance guidebook to organise and provide a clear view and schedule of the evaluation-related activities

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Task 7.2: Evaluation methods, revision and adjustments (M2-M36)

Leader: UPAT

- Evaluation will be internal and external
- Internal evaluation will be based on the quality assurance plan of WP6 and will be carried out through quantitative and qualitative methods
- Several factors such as evaluation foci, stakeholders' needs, evaluation timeframe will be taken into consideration
- The data collected will be processed and help MB decide on revisions and adjustments. Eventually will be included in various reports
- **External evaluation will be conducted by the FG and the EAB (according to the guidelines and the particular WP requirements)**

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Examples of data collection procedures, comprise:

- Project meeting discussions. Upon the conclusion of each meeting, meeting evaluations will be conducted and reports, reflections, and related material will be disseminated to all partners and feedback will be requested
- Peer Review of the interim versions of the WP reports and deliverables. Each WP leader will report on the status of the WP deliverable and initiate an internal process for review and evaluation
- Particular KPIs and evaluation activities are planned for and described in each WP

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Deliverable R7.2 : Evaluation Report (EN – M36 – UPAT)

- Comprises the major achievements of the BioS project and documents whether the project objectives had been met
- Presents the quality level of each project outcome
- Contains the results of a holistic evaluation of the project implementation process. These results will be produced after quantitative and qualitative analysis of the data gathered from each partner according to the Quality Assurance plan of WP6.