

Quality Assurance Report 2024



IMLEX

Master of Science in
Imaging and Light in
Extended Reality

ERASMUS MUNDUS JAPAN

The **IMLEX – Master of Science in Imaging and Light in Extended Reality** – programme has the intention to train experts who combine a solid theoretical understanding of virtual reality with strong practical skills in virtual reality applications. It is designed as a multidisciplinary Advanced Master’s Degree programme corresponding to 120 ECTS credits, integrating topics related to image conversion, lighting and computer science. It has been offered since academic year 2020-2021 by a consortium of four universities.

The quality assurance (QA) methodology is founded on an appreciative approach according to the principles of subsidiarity, verified trust and continuous improvement. It is summarized in the overview below. In essence, the methodology is process-oriented and follows an iterative PDCA cycle.

OBJECTIVE 1/ To design, implement and report on the QA process

The consortium is managed by an Academic and Management Board (AMB) and a Quality Assurance Board (QAB), integrating all partners. These boards meet several times a year. They provide each other with intermediate updates and occasionally have joint meetings.

A Quality Assurance System and Procedures handbook (QASPH) is in place and publicly published. It provides a reference guide for policies, procedures, principles and practices where needed. This handbook is mainly based on the initial IMLEX project description, supplemented with notes by the QAB. It is revised periodically to account for new insights and further policy development during implementation.

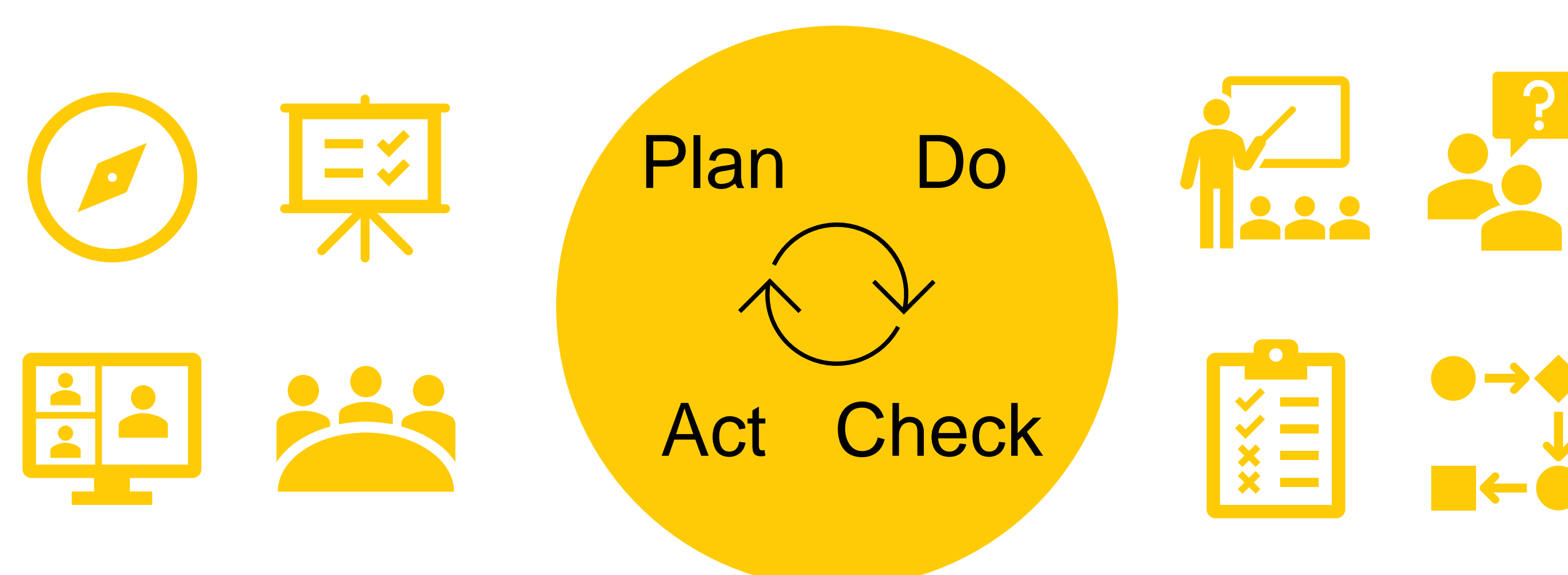
Key Performance Indicators (KPIs) are defined as desired outcomes and discussed at QAB meetings.

OBJECTIVE 2/ To involve stakeholders in the QA process

Daily QA is the responsibility of the teachers and administrative staff, who get ownership for their engagement in line with the principles of subsidiarity and verified trust. This is the case both for course-specific and general matters. If and where issues prove to be out of their authority or requiring strategic decisions, are these being reported to the AMB and/or QAB.

An MS Teams Platform allows the boards and consortium members to collaborate in a hybrid, efficient and transparent manner. The AMB and QAB minutes as well are published there.

IMLEX Days are organised once a year by the AMB. During this event students, academics and company representatives present their activities as well as connect during a get-together. Part of the programme is public for everyone. The 2024 edition took place in Joensuu, Finland.



OBJECTIVE 4/ To define and review procedures

The course catalogue including ECTS course descriptions are published on the IMLEX website. Hybrid teacher meetings are organized between semesters to share impressions, advice and background information on the current cohort to facilitate student mobility and learning trajectories. Curriculum changes may occur from one academic year to the next based on feedback (informative as well as formative) from stakeholders. An extensive curriculum reform was prepared in 2024 and will be in place as of 2025-2026.

Student admission is a collaborative process. Administrative coordinators screen all applications with regards to eligibility and compliance with requirements. Eligible applications are evaluated by AMB members. The final student selection is reported, and the procedure is finetuned upon advice by the QAB.

Curriculum reforms, thesis guidelines and thesis positions are discussed by the AMB; reflection on reports and initiatives by the QAB. Crisis management has become a fixed point on meeting agendas in anticipation of or response to international and societal developments.

OBJECTIVE 3/ To enhance the outcomes of the IMLEX programme

Staff members and student representatives are approachable on a continuous basis for feedback from students, peers and professional contacts. They will look for the most efficient follow-up in the local context. They are also welcome to address topics at AMB and QAB meetings to bring these under the attention of the other consortium members.

A tool kit of survey templates (questionnaires) drafted by the QAB can be used internally to collect feedback from stakeholders, to support (self-)assessment, or as inspirational guidelines on which topics to tackle with other types of QA initiatives (e.g., qualitative interviews or focus group interviews). As such, these support multimethodological quality assurance. The tool kit is available to teachers, local coordinators, communication officers, AMB, ... on the MS Teams Platform. An included readme file can be consulted for info on target audiences, intended timing and policy related to the templates. Each university has for example collected feedback through a student evaluation of teaching, the results of which are discussed internally.