

COUNCIL OF EUROPE



CONSEIL DE L'EUROPE

TECHNICAL REQUIREMENTS DOCUMENT

Development of the E-learning Course
“Law on Access to Information of Public Interest”
with SCORM-Compliant Format for Moodle (MLearN Platform)

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1. Objective

The objective of this project is to develop an Interactive e-learning format compliant with the SCORM standard, ensuring full interoperability with the **Moodle-based MLearnN platform** (<https://mlearn.gov.md>) for the educational materials developed for the course “*Law on Access to Information of Public Interest.*” The course must allow tracking of participant progress, quiz scoring, and completion data within Moodle.

2. Scope of Work

The provider will be responsible for the development of all provided materials into **interactive**, SCORM-compliant e-learning content.

The expected scope includes approximately:

- **150-160 standard pages** of informational content (text with images, tables, graphics, or video elements);
- **10 pages** containing interactive quizzes (multiple-choice, multiple answers, matching);
- **10 pages** containing interactive input/tables (fill-in-the-blank or drag-and-drop type exercises).

All pages must be integrated in a consistent course structure, divided into logical modules for LMS import.

3. Functional Requirements

3.1 SCORM Compatibility

- Format: **SCORM** (latest 1.x standard compatible with Moodle)
- LMS: **Moodle MLearnN**
- Must include:
 - Resume/bookmark functionality
 - Completion and progress tracking
 - Quiz scoring and reporting to Moodle LMS

- Time spent tracking per learner

3.2 Interactivity and Structure

- Clear navigation flow (Next, Back, Menu, Progress indicator)
- Content divided by module and lesson
- Interactive questions with immediate feedback
- All elements tested for full SCORM tracking and data reporting

4. Visual and Instructional Design

- Maintain consistent and professional design aligned with the e-learning standards used by the provider.
- Visual style, color palette, and interface should ensure accessibility and readability.
- All multimedia (text, images, videos, exercises) will be integrated using materials provided by the Council of Europe and the Recipient.
- The design must remain responsive and usable on desktop and tablet devices.

5. Technical Implementation

- **Technology stack:** HTML5, CSS3, JavaScript, and an authoring tool (e.g., Articulate Storyline, iSpring, or equivalent)
- **Compatibility:** Full compliance with Moodle SCORM player
- **Responsive design:** Optimized for at least 1366x768 resolution
- **Browser compatibility:** Latest versions of Chrome, Firefox, and Edge
- **Accessibility:** WCAG 2.1 AA compliance for readability and keyboard navigation
- **Hosting:** To be hosted by the e-learning / MLearn platform (<https://mlearn.gov.md>) with seamless integration into the platform's infrastructure.
- **Data migration:** There are no data migration requirements related to the current project.

- **Issue Resolution and Support:** The provider must offer 1 month post-delivery for addressing any issues, bugs, or required updates to ensure the proper functionality of the e-learning course.

6. Assessment and Tracking

- Quizzes and exercises should allow automatic scoring within Moodle.
- Feedback for correct/incorrect answers must be embedded.
- Results, completion, and time spent per learner must be reportable to the LMS.
- Inclusion of a final test is **optional** and may depend on the final pedagogical structure approved by the Council of Europe.

7. Deliverables

1. **SCORM Packages** – Fully functional and tested for Moodle MLearn import.
2. **Editable Source Files** – Authoring source files (e.g., Storyline or iSpring) delivered to the contracting authority.
3. **Testing & Validation Report** – Including SCORM conformance and LMS performance verification.

8. Timeline

The expected timeline and cooperation on the development will include the following phases:

- **Phase 1:** Technical setup and design confirmation
- **Phase 2:** Development and SCORM packaging
- **Phase 3:** Testing and feedback integration

9. Acceptance Criteria

The final e-learning course will be considered accepted when:

- The SCORM package runs without errors in Moodle MLearn.
- All interactivity and quizzes function correctly.
- Tracking, scoring, and completion data are properly recorded.
- The design and navigation meet usability and accessibility standards.
- All materials are validated by the contracting authority.