

# Attachment A – Terms of Reference (ToR)

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AI & SmartMaria Technical Consultant

Project: YOUTHMED – Empowering Youth for an Inclusive Mediterranean

Project Code: A\_Y\_3.1\_0624

Reference: A\_Y\_3.1\_0624 – 005

Contracting Authority: Planning and Development Agency (PDA)

Project Duration: June 2025 – December 2027

Contract Duration: Until end of 2026 (activation-based)

## 1. Purpose

This Terms of Reference outlines the responsibilities of the technical consultant contracted by PDA under the YOUTHMED project. The consultant will oversee, validate, and guide the development of the SmartMaria platform (Activity A 3.2.3), which is being developed by NLCD as WP3 Leader. The consultant ensures that the platform aligns with project objectives, architectural requirements, and strategic goals.

## 2. Scope of Work

The consultant will provide high-level technical supervision of SmartMaria's development. The consultant is not responsible for coding or implementation, but will ensure technical alignment, review deliverables, and support cross-WP integration.

### Key Responsibilities:

- - Monitor the development process of SmartMaria and validate key technical deliverables.
- - Translate project needs into clear technical specifications for the developer team.
- - Ensure the platform uses a scalable, secure hybrid infrastructure (cloud + local GPU).
- - Ensure multilingual accessibility and integration with AI tools (ChatGPT, DeepSeek, etc.).
- - Coordinate remotely with developers contracted by NLCD and provide regular feedback to PDA.
- - Ensure platform compliance with GDPR, open-source standards, and digital sustainability.
- - Validate milestones: Alpha version, Beta release, Final system delivery.
- - Review platform alignment with ToR of development (see Attachment C).

### 3. Expected Deliverables

- - Technical notes/comments on Alpha, Beta, and Final versions of SmartMaria.
- - Short validation reports at 3 stages: design phase, mid-implementation, and final review.
- - Final technical summary report (max 6 pages).
- - Participation in remote technical coordination sessions as needed.

### 4. Duration and Timeline

The assignment will take place between Q4 2025 and Q4 2026. The working time is flexible and modular based on development stages.

### 5. Contract Terms

This is a deliverable-based service contract with a fixed ceiling of €3,000 (all inclusive). The consultant will be supervised by PDA. Work will be performed remotely unless joint missions are exceptionally required.

### 6. Coordination and Communication

The consultant will coordinate with both PDA (contracting authority) and NLCD (WP3 Leader). Access to development documentation, architecture plans, and developer outputs will be facilitated by PDA.

### 7. Reference Material

Applicants should consult Attachment C (Terms of Reference for SmartMaria Development) to understand the technical scope and expected functionalities of the platform.