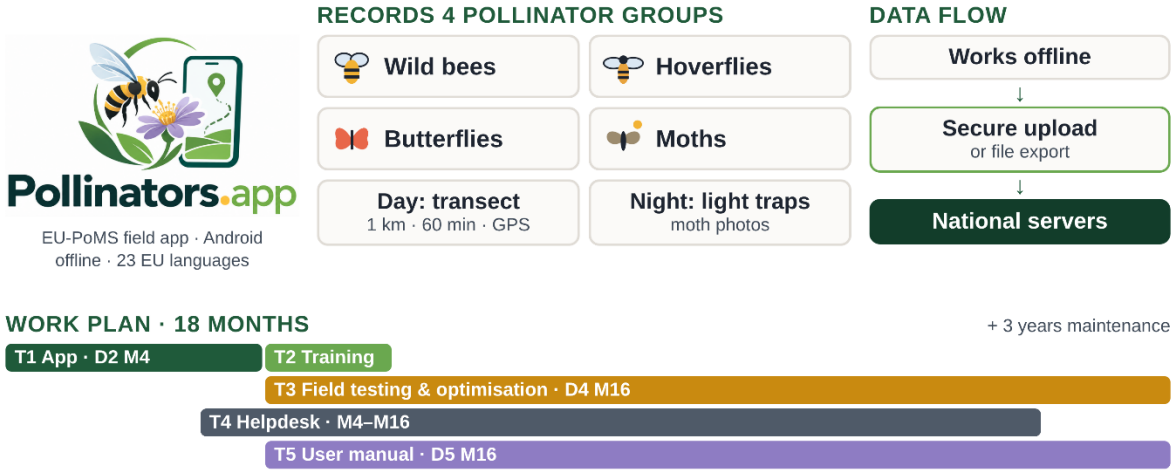
Epsilon / DOTSOFT	2026	POLLINATORS.app – App-based recording of pollinators under the Nature Restoration Regulation ENV/2026/OP/0026 (European Commission, DG Environment, Tender 19/10/2026)					
	Country	**Contract value (€)**	**% by Epsilon**	**Staff # provided**	**Client**	**Origin of funding**	**Date (start/end)**	**Consortium Members**
	EU-27	300,000	15%	3 key experts	EC/DG/ENV.D.2 – Natural Capital & Ecosystem Health	European Commission	18 months 3 years maintenance	DOTSOFT S.A. ; Epsilon International Ltd ; Benaki Phytopathological Institute

The Project (2026)

EPSILON, in cooperation with DOTSOFT S.A., developed the technical concept and proposed to the EC an implementation framework for a POLLINATORS.app, an open-source, multilingual Android application based on React Native and distributed as an APK. The proposed application is designed to support standardised field-data collection under the EU Pollinator Monitoring Scheme (EU-PoMS), established pursuant to the Nature Restoration Regulation (EU) 2024/1991 and Delegated Regulation (EU) 2025/2188. The proposed solution targets the operational needs of approximately 300–400 surveyors across EU Member States, covering the monitoring of bees, hoverflies, butterflies and moths..

The app. guides surveyors through 1 km transect walks with a 60-minute observation timer and through night-time light-trap sessions. Main features: GIS navigation and GPS trajectory recording (MapLibre/OpenStreetMap); national genus-to-species lists; unique specimen IDs, QR scanning of collection vessels and photo documentation of moths; weather and moon-phase metadata; offline-first storage (SQLite); secure upload to national or regional servers and CSV/JSON/GeoJSON/GPX export; interface in 23 EU languages; all preferred options of Annex 9.

Project Work plan (18 months): T1 Application development (fully functional app in Month 4); T2 Demonstration and training (online workshop, EUBP Working Group on Pollinators); T3 Field testing and optimisation during a 3–4-month initial use phase (≥ 20% of budget); T4 Technical helpdesk for national authorities; T5 User manual. The source code is released under an open-source licence (EUPL v1.2 proposed) with three years of maintenance after the contract. Project management follows PM².



Services to be provided by EPSILON

EPSILON defined a comprehensive package of scientific, technical, stakeholder-engagement and operational support services for the proposed POLLINATORS.app, including:

- **EU-PoMS Requirements and Technical Coordination (T1):** Interpretation of EU-PoMS regulatory and technical requirements; review of field-monitoring workflows for bees, hoverflies, butterflies and moths; assessment of transect walks, light-trap surveys, GPS tracking, specimen identification, metadata collection and data-transfer procedures. Participation in the Technical Board.
- **Demonstration and Training (T2 – Task Leader):** Organisation of a half-day online workshop, application demonstrations, presentations to the EUBP Working Group on Pollinators, preparation of training materials, quick-start guides and Workshop Report D3.
- **Field Testing and Optimisation (T3):** Coordination of the initial 3–4-month operational-use phase with participating Member States; collection of surveyor feedback, usability assessments, workflow validation, performance evaluation and recommendations for application improvements.
- **Helpdesk Support (T4):** Handling of non-technical enquiries, clarification of monitoring procedures, stakeholder communication, FAQ/Q&A preparation and review of user guidance.
- **User Manual Development (T5 – Task Leader):** Preparation of the comprehensive English-language manual in web, editable MS Word and PDF formats, including surveyor instructions, administrator guidance, troubleshooting procedures and translation-friendly documentation (D5).
- **Project Management and Quality Assurance:** Stakeholder liaison, technical reporting, deliverable reviews, quality control, dissemination support and coordination with DOTSOFT and scientific experts.

Epsilon Key Experts: Prof. Marc Bonazountas; Ms. Nefeli Kalkana