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EPSILON is a Sciences, Technology, Engineering and Consulting International Group engaged in: Environment & Water, Natural Resources, Ecosystems, Agriculture, GeoInformatics, Energy, Aviation, Maritime, Disasters, Economics & Management.

EPSILON was first established in 1985 in Boston, Massachusetts, USA, and then in 1990 in Europe. Today it operates world-wide as a Group of legally independent companies with key Offices in Malta, Greece, Bulgaria, Cyprus, Germany, Italy. It has allied offices in most European countries and cooperates with foremost world technology organizations.

In reference to CL3, as a consulting & engineering company specializing in **Civil Protection** projects, EPSILON is focusing on enhancing **disaster risk management and resilience**. Our work includes the development of early warning systems, risk assessment and mapping, emergency response planning, and critical infrastructure protection. We support local and national authorities in designing integrated strategies for natural and man-made hazards, including floods, earthquakes, wildfires, and industrial accidents.

For CL3 EPSILON promotes the use of advanced geospatial technologies, climate risk analysis, and community-based approaches to preparedness and response. Our goal is to strengthen institutional capacities and ensure effective coordination across all phases of disaster risk reduction.

EPSILON International Ltd | MALTA

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CL3

Work Package 6

**Civil
Security
for Society**

by EPSILON Malta
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EXPERTISE

Sectors

- Environment
- Water
- Ecosystems
- AeroSystems
- **Civil Security**
- Defense
- Disasters
- Geomatics
- Energy
- Management

Technologies

- Math Modelling
- Digital Twins
- GIS/Copernicus
- AI/ML
- LCA/LCC/LCPA
- DSS
- Economics
- Impacts
- Dissemination
- Marketing

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PROJECTS

PANTHEON | 2025: Tomorrow's Community Disaster Resilience | pantheon-project.eu

TRANSFORMAR | 2025: Upscaling transformational adaptation | transformar.eu

NEUROCLIMA | 2025: Smart Climate Adaptation & Resilience | neuroclima.eu

AURORA | 2019: Advanced Ultraviolet Radiation & Ozone Retrieval for Applications | [AURORA project](http://AURORA-project)

AGRARIAN | 2025:
Farming at the Edge | agrarian-project.eu

SUNSHINE | 2020: Smart Urban Services For Higher Energy Efficiency | www.sunshineproject.eu

ARCFUEL | 2013): Remote sensing for fire mapping
www.arcfuel.eu

VESSELSLIFE | 2021): Effective Alternatives For The Life Of The Ship | vesselslife.com

ICREW | 2025): Small Craft Simulator For Advanced Crew Training | www.icrew.club

AVICENNE | 2001: Satellite-aided pollution risk modeling

SIM4NEXUS | 2024: Sustainable & Integrated Management of Resources | sim4nexus.eu

ECOSHIPYARD | 2025: Sustainable Shipbuilding Practices | ecoshipyard.eu

FLEETfor55 | 2025: Energy efficiency in EU waterborne transport | www.elke.ntua.gr

HERO20FF | 2015: UAS For Wind Field Estimation Along Forest Fires | [www.epsilon.gr](http://www.epsilon.gr/projects/181)

GRECORISKS | 2015: Hellenic Natural-Hazards Risk-Management System of Systems | www.epsilon.gr/projects/181

PROJECTS

SINTEGRAM | 2022: Enhance the collection, & analysis of spatial data across Maltese Islands

SMESPIRE | 2014: Environmental INSPIRE Digital Content & Languages | www.smespire.eu

ENVIROLAWS | 2016: Environmental Laws Retrieval Systems For Greece

TRACE | 2025: Integration & Harmonization of Logistics Operations | <https://trace-horizon.eu>

OPTISHIP | 2025: Ship Navigation, Emissions, Resources Management | <https://optiship.eu>

ZEROPARASITIC | 2021: Reducing Agricultural Chemical Waste | zeroparasitic.eu

e-Emissions | 2020: Electronic Reporting Tools For The Industrial Emissions (EEA, DGENV)

C4I-ATHENS | 2005: Olympic Games GIS crisis management system

GEOSMARTCITY | 2017: Applications Towards Smart Cities | www.geosmartcity.eu

iScope | 2020: Open Platform for urban Ecosystems | iscopeproject.net

iLocate | 2017: Location & Asset Management Through Open geodata | i-locate.eu

OPTISHIP | 2025: Ship Navigation, Emissions, Resources Management optiship.eu

SUNSHINE | 2016: Smart Urban Services For Energy Efficiency | www.sunshineproject.eu

SMART-ISLANDS | 2014: 3D Smart Services For Mediterranean Islands | www.smart-islands.eu

HS4U | 2025: Healthier Future in Shipping | hs4u.eu