

	Engagement		Hplus: A Platform for addressing the effects of climate change and natural hazards on cultural heritage and remediation					
	Countries	Project value (€)	% by EPSILON	€ by EPSILON	Engagement	Funding by	Date	Partners
	EL, IL, DK, ES, CY, EG, ME, AU, AM, BE, MT, NL	3.983.323	8,17%	325.500	HORIZON	EU	20.04.2022	NCSRD, AGORA, AU, BIU, CDAP, EPLO, HRIAC, ITML, MoAL, CLR, NRIAG, NTUA, UDA, UoM, UZKD, RMIT-EU, AUA, NKUA, CNR, EPSILON, NCSO, UniWA, AUTH, NOUS, NFA, CUT, RUG, SKAI
Description					Outcome			
Heritage+, or HPlus, would deliver a cloud-based geo-referenced platform for holistic risk management of Cultural Heritage (CH), by employing state-of-the-art technologies and tools for climate change and natural hazard impact analysis on CH and decision support for remediation using data analytics, risk analysis, and life-cycle analysis, including cost analysis of risk mitigation measures. The platform, would be available as SaaS (Software-as-a-Service), and: (1) modular (in terms of input data sources, data processing tools and processed output data), (2) scalable (in terms the number of input data and processing tools), (3) flexible (in terms of data types and data exchange), (4) replicable (at any CH site through its Software-as-a-Service, SaaS design), and adaptable (to specific needs and characteristics of each CH site). HPlus aimed to deliver: - an innovative multi-disciplinary state-of-the-art technology geoPlatform for rural, remote areas, coastal, maritime, and underwater heritage sites that will safeguard and protect Europe's Cultural Heritage from climate change, pollution, natural hazards, anthropogenic threats, including possible looting and illicit trafficking of cultural goods that take place after an environmental or human induced disaster - a European Economic Interest Grouping (EEIG) Legal Partners Association that will manage the Platform and extend its operation as a new Service after project closure.					To achieve the project objectives, EPSILON and the Consortium proposed to: - Design, test, validate, deliver a cloud geoPlatform for holistic management of HPlus information, for risk analysis, Decisions and policy making for cultural heritage sites. - Use cutting-edge technologies and predictive models to visualize and spatially assess the impacts of climate change on Cultural Heritage sites - Assume Pilot sites to demonstrate of the H+ geoPlatform & System - Develop Guidelines for conservation and restoration of CH landmarks and monuments through cutting-edge technologies and methods - Communicate, disseminate, exploit scientific results, including the establishment of an "EEIG" to keep the Platform and System on-going after project closure			

