

PROJECT: ISLA-AI : Innovative scalable platform for AI cloud processing

SCIENTIFIC DIRECTOR: K. Karantzas

DURATION (MONTHS): 6 months

DEPARTMENT: Department of Topography

FINANCIER: HORIZON-CL6-2021-GOVERNANCE-01 / OPEN CALL - SPADE02

DESCRIPTION: ISLA-AI is a cloud-based platform enabling seamless AI model execution and deployment. It supports ONNX, ensuring compatibility with popular AI frameworks. Using container based execution, it ensures reproducible environments and efficient resource allocation. Built on Kubernetes, a widely adopted open-source container orchestration system, it dynamically scales to meet varying demands, supports diverse datasets and optional on premises deployment, enhancing AI execution in the SPADE ecosystem.