

Gaia Protocol – Digital Governance for Verified Climate Action

Objective: Integrate AI-enhanced simulation, verification, and governance tools into public administration workflows — enabling municipalities to plan, verify, and optimise climate action in real time.

- Call Reference: Horizon DIGITAL-2025-AI-08-SUPPLY-AI (GenAI in Public Administration)
- **Core Capabilities:**
 - - City-scale digital twins for climate action governance
 - - Real-time IoT integration for monitoring & verification
 - - Compliance-ready reporting for EU, national, and UN frameworks
- **Confirmed Consortium Partners:**
 - 1. OTI Group / IREDT – Project Lead & System Architect (Cyprus)
 - 2. Bosch – IoT & Sensor Integration Partner (Germany)
 - 3. Universität für Weiterbildung Krems (Donau-Universität Krems) – Educational modules for cities, companies, and citizens (Austria)
 - 4. Cyprus University of Technology (CUT) – Economic validation (Cyprus)
 - 5. Municipality of Birgu – Pilot City (Malta)
 - 6. Municipality of Athienou – Pilot City (Cyprus)
 - 7. Terra Cypria – Environmental NGO Partner (Cyprus)
 - 8. Precision EU Services – Ethics Work Package Lead (Belgium)

Pending Partners

- Cisco – HPC & Network Infrastructure (USA/EU)

- HPE – HPC Infrastructure (USA/EU)

- Dell – HPC Infrastructure (USA/EU)

- Municipality of Stockholm – Pilot City (Sweden)

- Municipality of Gondomar – Pilot City (Portugal)

- University of Amsterdam – Environmental validation lead (Netherlands)

C40 – Global city network partnership (Global)

Amsterdam

Berlin

Tokyo

Oslo

Buenos Aires

Paris

Barcelona

New York City

Seoul

Invited Partners

Partners We Are Seeking

- - Municipalities for pilot testing and governance tool co-development
- - Public Administration Research Partners to align outputs with administrative workflows
- - HPC / Infrastructure Providers for scalable simulation deployment
- - Policy & Funding Framework Experts for impact scaling post-project

- Contact:
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