

## Pontus-X Data & AI Ecosystem

### Solution Overview

Pontus-X is the **first and largest publicly available Gaia-X Lighthouse ecosystem**, providing a production-ready infrastructure for the decentralized AI economy. Orchestrated **by deltaDAO and a transatlantic network of partners**, it enables secure, cross-border collaboration without compromising data ownership. By moving beyond conceptual sovereignty, Pontus-X uses decentralized technology to provide the **Agentic Data Spaces** required for Agentic AI to thrive in a secure and compliant environment.

Pontus-X is designed for organizations and businesses aiming to unlock the value of their data, software, and AI assets without sacrificing control. It is a **horizontal, multi-sector ecosystem** that allows you to discover, provide, and monetize data and AI services within a secure environment that follows your rules.

### Key Benefits

- **Unmatched Scale and not a silo:** Join the largest publicly available Gaia-X ecosystem, featuring over **450 participants across 23 nations**. Its horizontal reach spans various industries, providing immediate access to a massive pool of potential partners for co-creation.
- **True Decentralization:** Unlike traditional cloud platforms or data marketplaces, Pontus-X is **owned and controlled by its participants**, not a central orchestrator. This ensures free competition, no single entity can dictate terms, extract hidden fees, or access your proprietary information.
- **Secure “Compute-to-Data”:** Protect your intellectual property while still generating value. This unique feature allows AI models or algorithms to run on the data at its source. You can **use data without exchanging it**, ensuring sensitive information never leaves your secure infrastructure.
- **AI-Ready & Agentic Infrastructure:** Pontus-X replaces traditional silos with a decentralized framework and enables autonomous agents to discover and compute on data across borders without it ever leaving its source. Every transaction is governed by cryptographic identity, ensuring all interactions are secure, transparent, and fully auditable by design.
- **Fastest and Frictionless Interoperability:** Built on open standards, Pontus-X ensures that your data and services are compatible across the entire ecosystem landscape, preventing vendor lock-in and future-proofing your digital investments. Pontus-X allows you to focus on value creation from day 1 without extensive data space setups.

### Relation to Gaia-X

Pontus-X is the **native Gaia-X ecosystem**, having supported the Framework since 2021. As a Gaia-X Lighthouse Data Space, it serves as the primary real-world implementation of the Gaia-X vision. It operationalizes the Trust Framework at scale, providing the necessary tools for identity, compliance, and



sovereign data exchange that empower European organizations to lead in the global data economy and holds the vast majority of Gaia-X participants today.

#### **More Information**

<https://www.pontus-x.eu/>

<https://portal.pontus-x.eu/>