29-30 Οκτώβριος 2026 | Συνεδριακό Κέντρο Φιλοξενία
Λευκωσία, Κύπρος

Pharos-CY: Accelerating Trustworthy AI Innovation in Cyprus

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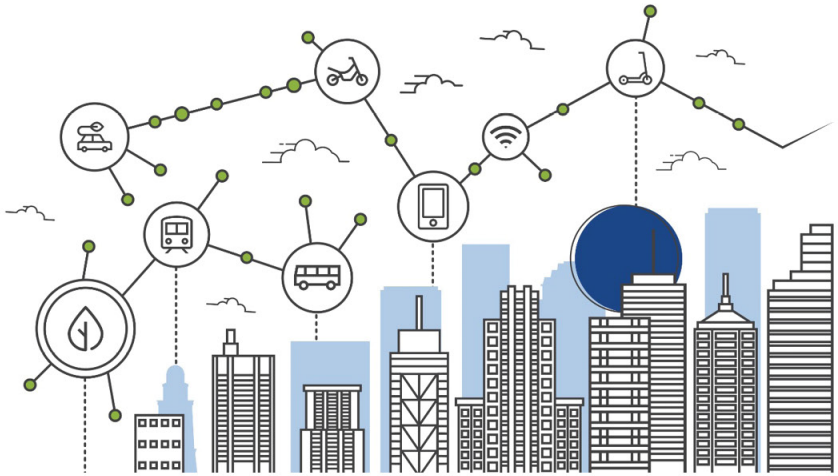
8ο Συνέδριο
Βιώσιμης Κινητικότητας
και Ευφυών Συστημάτων
Μεταφορών



Το Συνέδριο υλοποιείται στο πλαίσιο του Προγράμματος Πολιτικής Συνοχής «ΘΑΛΕΙΑ 2021-2027» με τη συγχρηματοδότηση της ΕΕ.

Με τη συγχρηματοδότηση της Ευρωπαϊκής Ένωσης

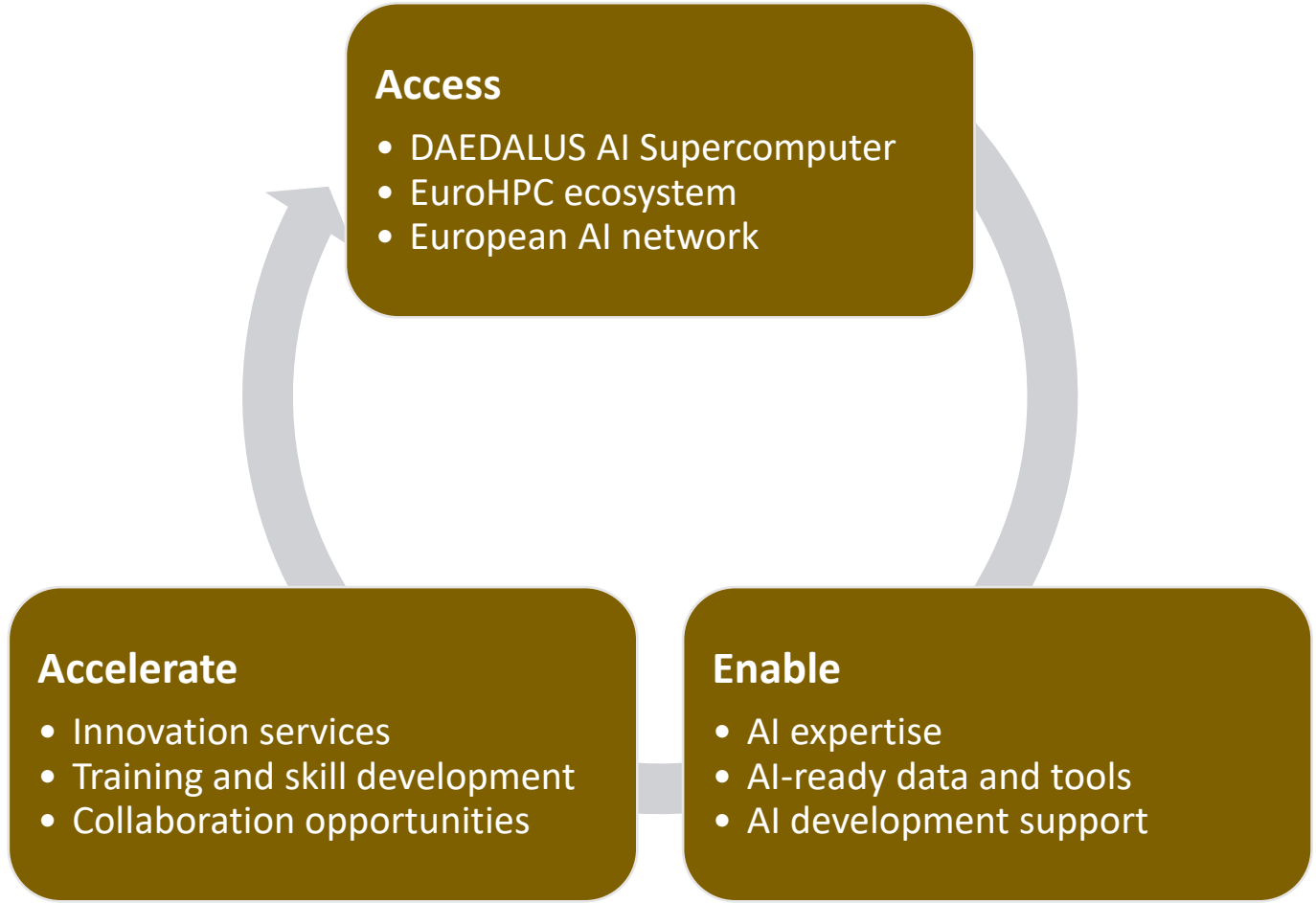
ΚΥΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ

ΤΜΗΜΑ ΔΗΜΟΣΙΩΝ ΕΡΓΩΝ

What is Pharos-CY?

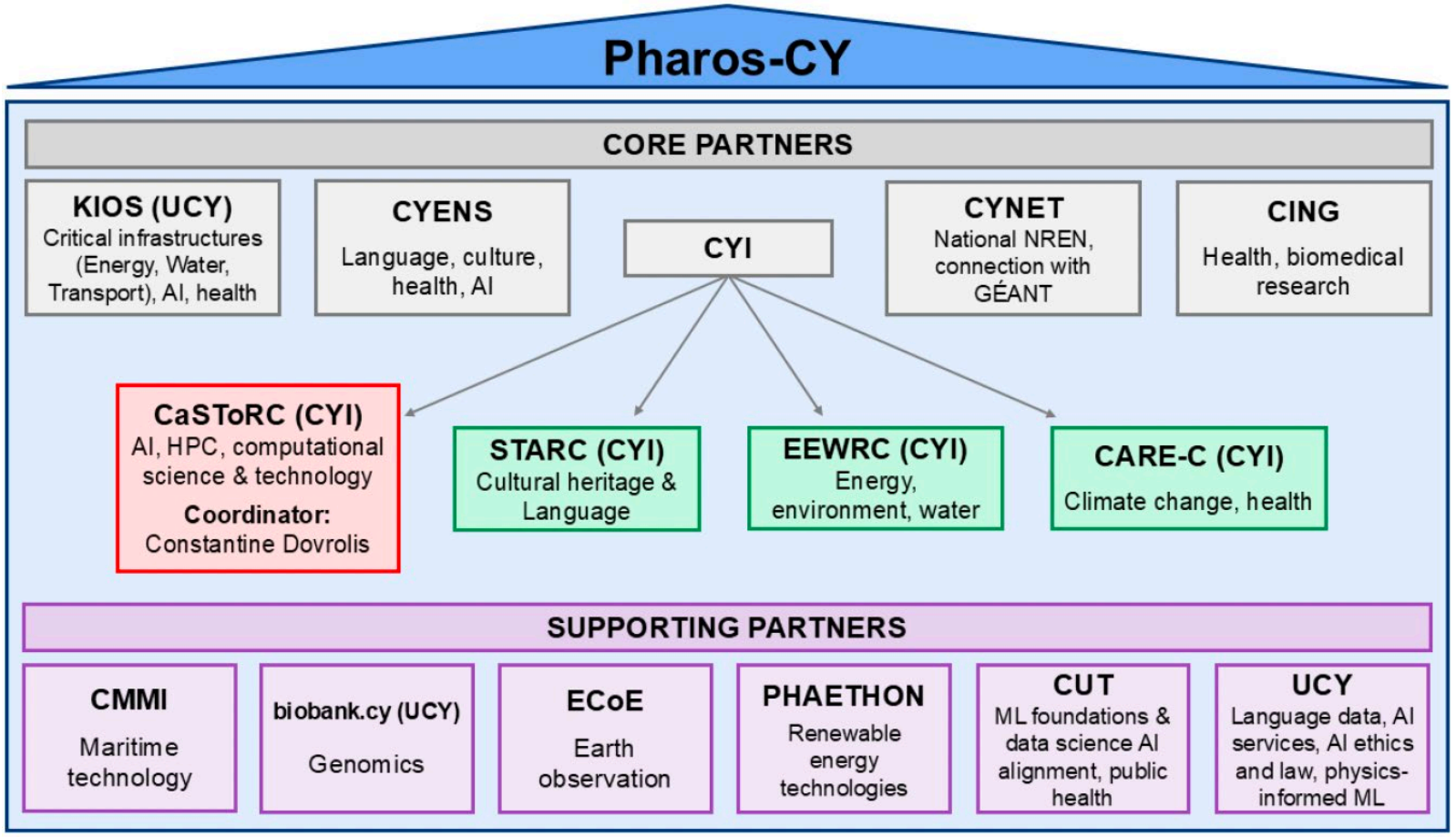
- *Cyprus' AI Factory Antenna*
- *Connecting industry, research and public sectors to the European AI ecosystem*

Cyprus' Gateway to the European AI Ecosystem



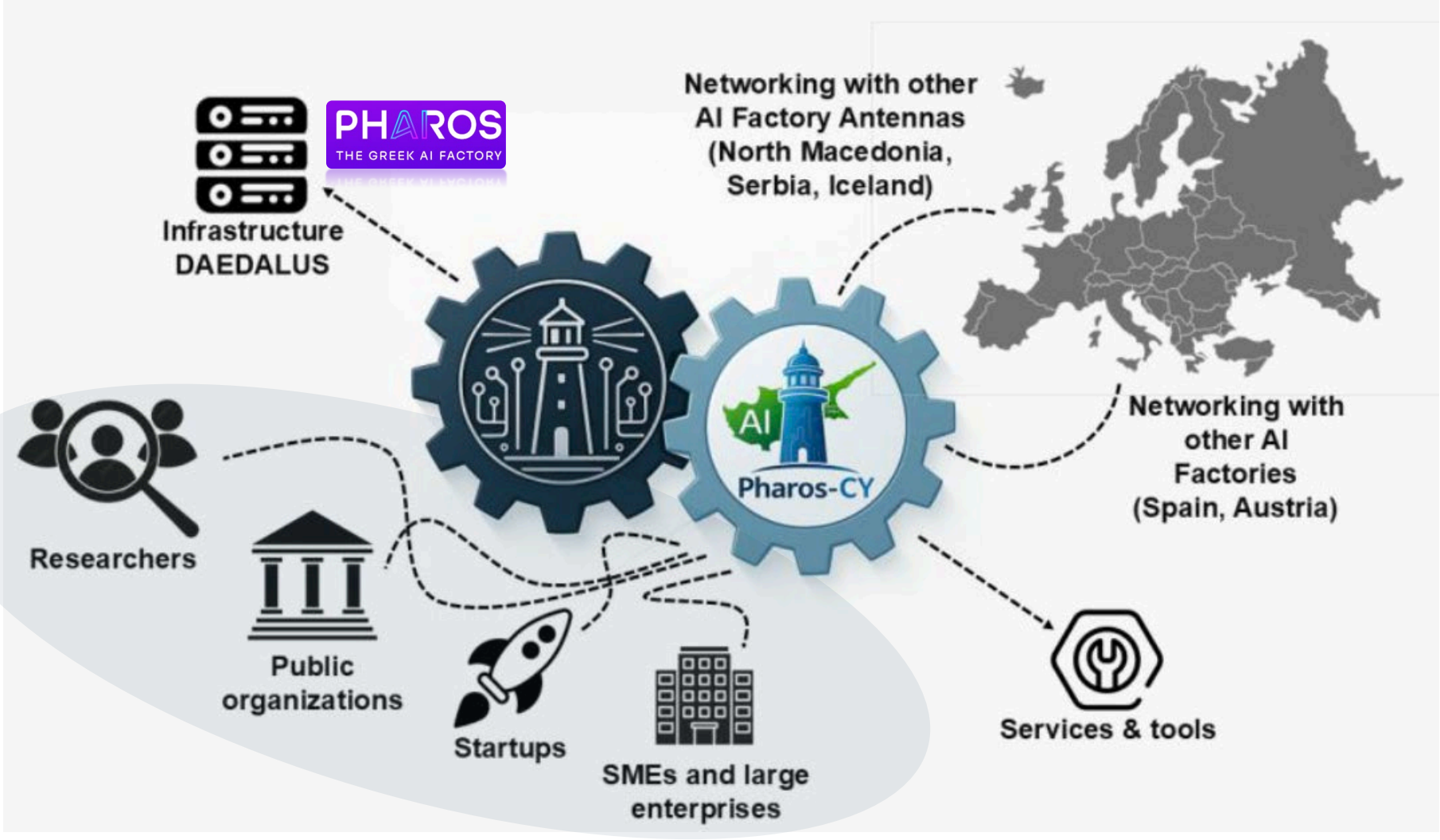
https://pharos-cy.eu/

Meet the Pharos-CY Consortium



Who Can Benefit from Pharos-CY

Whether you are exploring AI for the first time or developing advanced AI solutions, Pharos-CY can help identify the right pathway, services and resources.



Strategic Focus Areas & Cross-Sector Innovation

Health • Sustainability • Culture & Language



Health

Genomics, Omics & Bioinformatics, Medical Imaging, Digital Health, Public & Environmental Health



Sustainability

Energy & Smart Grids, Water & Critical Infrastructure, Transport & Mobility, Climate, Air Quality & Environment, Earth Observation & Geospatial Data, Maritime & Marine Applications



Culture & Language

Cypriot Greek & Multilingual AI, Natural Language Processing & Generative AI, Cultural Heritage & Digital Archives, Museums, Archaeology & Creative Media Applications

While prioritising *Health, Sustainability, and Culture & Language*, Pharos-CY supports AI innovation across most sectors.

AI-Driven Tools and Services for Transport

Objective: Support the development and deployment of AI-enabled solutions for Intelligent Transportation Systems through the Pharos-CY infrastructure.

Contributions:

- Real-time traffic monitoring and analytics
- Traffic incident detection and early warning systems
- Congestion forecasting using AI and spatiotemporal modelling
- Adaptive traffic management and decision support
- Integration of environmental data for emissions monitoring and sustainability assessment
- Provision of expertise on AI pipelines, data engineering, and computational infrastructure

Service Development, Validation & Expected Outcomes

- Integration of AI models into operational services and dashboards
- Decision-support tools for transport operators and authorities
- Pilot demonstrations and performance evaluation

Key Milestones

- Requirements and data ecosystem assessment
- Data integration framework established
- Initial AI prototypes demonstrated
- Advanced analytics services deployed
- Pilot validation completed
- Final deployment and knowledge transfer

Service Development, Validation & Expected Outcomes

Expected Outcomes

- Improved traffic monitoring and situational awareness
- More accurate congestion forecasting
- Reduced travel delays and operational inefficiencies
- Support for greener and more sustainable transport management
- Enhanced utilization of Pharos-CY infrastructure

Your Journey with Pharos-CY

From your first contact to completed support, your TEL is your single point of contact throughout.

1 Expression of Interest

Tell us about your organisation and what you need.

Submit your EoI ›

2 Review & TEL assignment

We review your request and assign a Technical Engagement Lead (TEL).

3 First consultation

You and your TEL clarify your goals and if applicable confirm the State aid route.

4 Eligibility forms

If applicable, you complete the short declarations for your route.

5 Service Engagement Agreement

Agree scope, deliverables, timeline and service value, then sign.

6 Delivery

Regular meetings and your feedback on interim and final results.

7 Completion & next steps

Confirm the outputs, share feedback and explore further services.

Getting started | **Agreeing your support** | **Delivering & closing**

State Aid: What It Means for You

Pharos-CY services are publicly funded and **free of charge** for you. Because they have a real value, EU State aid rules apply. The route depends on the type of organisation and its activity.

SMEs	Public bodies & non-economic activities	Large companies, Semi-State & other economic entities
Innovation support for SMEs	**Outside State aid**	**"De minimis" support**
Advisory and innovation support services for small and medium-sized enterprises.	Where the organisation does not carry out an economic activity with the service.	Where the organisation carries out an economic activity.
Support value of up to €120,000 per organisation over the full programme period	**No State aid applies; we simply record the classification**	**Up to €300,000 in total public support over any 3-year period**

What this means for you in practice

1. Your TEL confirms the right route with you at the first consultation
2. You complete a few short declaration forms for that route
3. The value of your support, based on our service catalogue, is recorded in your agreement

Where EU transparency rules require it, beneficiaries may be published. Your TEL will guide you through each step.

Οργανωτές

ΚΥΠΡΙΑΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΥΠΟΥΡΓΕΙΟ ΜΕΤΑΦΟΡΩΝ, ΕΠΙΚΟΙΝΩΝΙΩΝ ΚΑΙ ΕΡΓΩΝ

ΤΜΗΜΑ ΔΗΜΟΣΙΩΝ ΕΡΓΩΝ

Συνδιοργανωτές

ΚΑΛΑΘΟΣ ΒΙΩΣΙΜΗΣ ΚΙΝΗΤΙΚΟΤΗΤΑΣ

University of Cyprus

Research and Innovation Center of Excellence

Σύλλογος Συγκοινωνιολόγων Κύπρου

Υποστηρικτές

ΕΤΕΚ
ΕΠΙΣΤΗΜΟΝΙΚΟ ΤΕΧΝΙΚΟ ΕΠΙΜΕΛΗΤΗΡΙΟ ΚΥΠΡΟΥ



PHAROS-CY

Ευχαριστώ για την προσοχή σας!

Research and Innovation Center of Excellence

University of Cyprus

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