

AI-GREEN-LOGISTICS: Decarbonizing Healthcare Scope 3

A Consortium Proposal for Call HORIZON-HLTH-2026-01-ENVHLTH-04

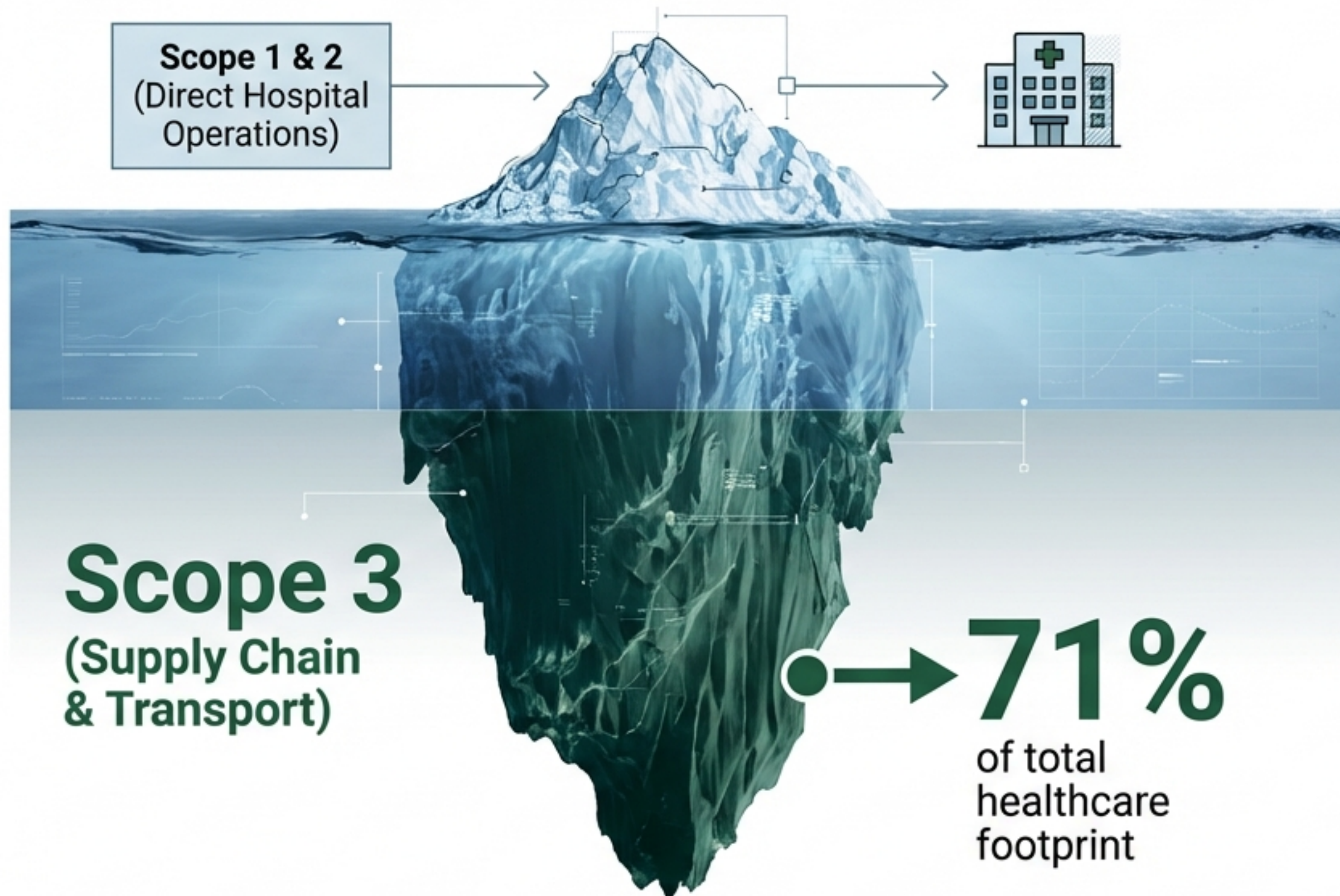


**Seeking Partners:
Coordinator & Pilot Site**

Full Title: Artificial Intelligence for Scope 3 Decarbonization in Healthcare Transport and Waste Management.

Targeting the 2026 priority: Towards climate-resilient, prepared, and carbon-neutral populations and healthcare systems.

The Invisible 71%: Addressing the Scope 3 'Black Box'



The Logistical Gap:

Inefficient patient transport results in "empty kilometers" and fuel waste.



The Data Gap:

Lack of traceability turns waste management into a "black box"—unmeasured and unmanaged.



The Resilience Gap:

Transport systems are currently vulnerable to heatwaves and floods.



Direct Alignment with HORIZON-HLTH-2026-01-ENVHLTH-04



The Call Demands

- ✓ Climate resilient healthcare systems.
- ✓ Carbon neutral populations.
- ✓ Preparedness for extreme climate events.



AI-GREEN-LOGISTICS Delivers

- ➔ Decarbonization of critical non-clinical services (Transport & Waste).
- ➔ Real-time Scope 3 traceability and certification.
- ➔ Predictive modeling for fleet adaptation during climate emergencies.

The Solution: Real-World Operations + Advanced AI



**Living Lab
Operations**



Optimize:
Evolution of SIPORT
platform.



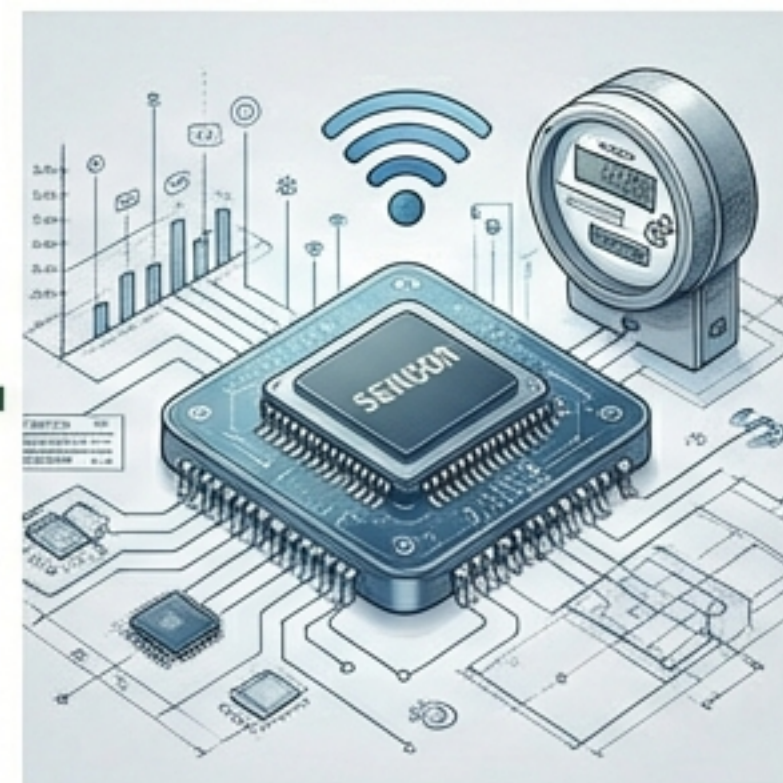
**Generative
AI**



Adapt:
Predictive modeling
for weather/demand.



**Cognitive
IoT**



Measure:
ProviewMeter for
certification.

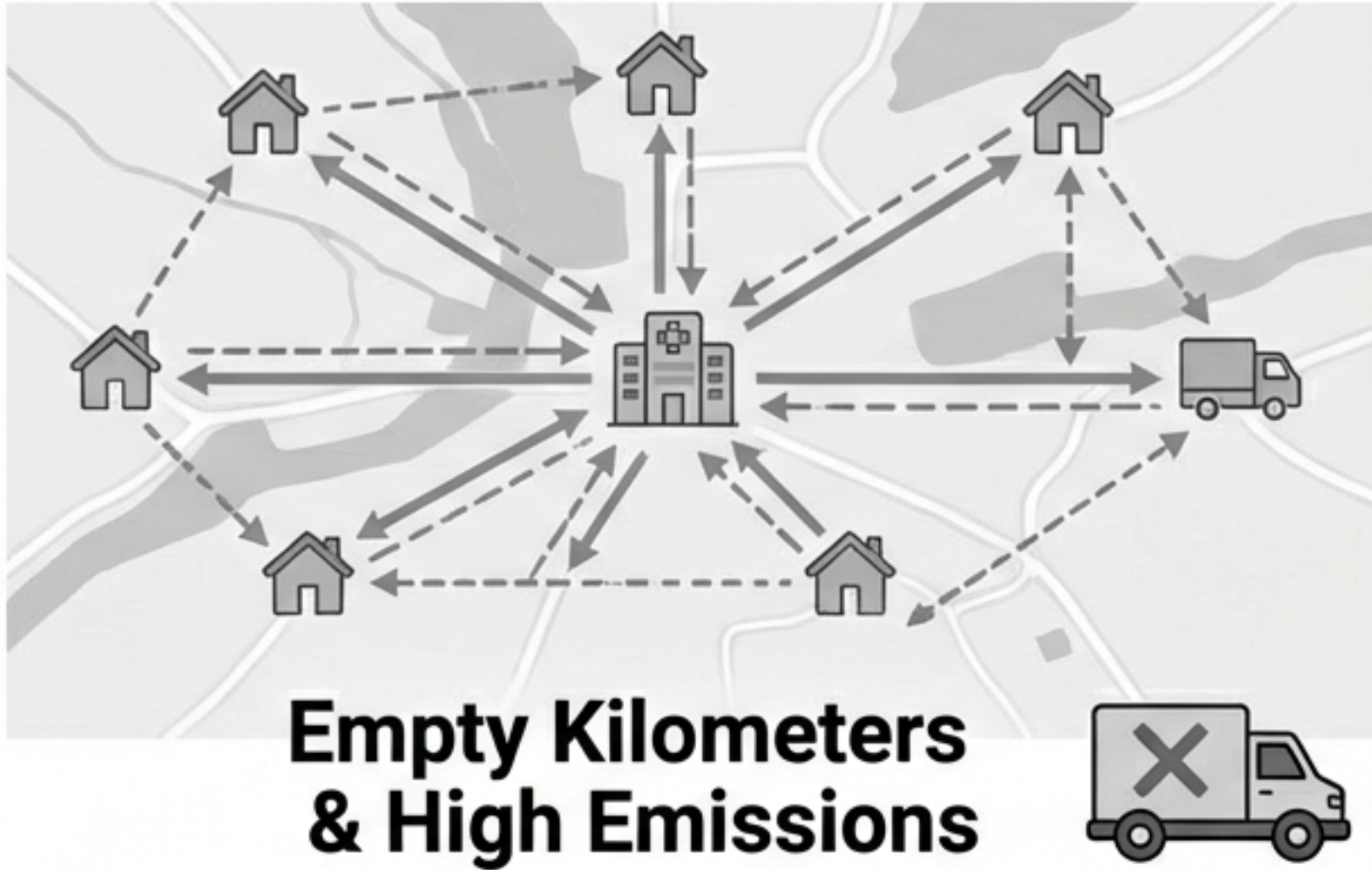
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**Decarbonized
Resilience**

Innovation Pillar 1: Dynamic Logistics Evolution

Current State: Static



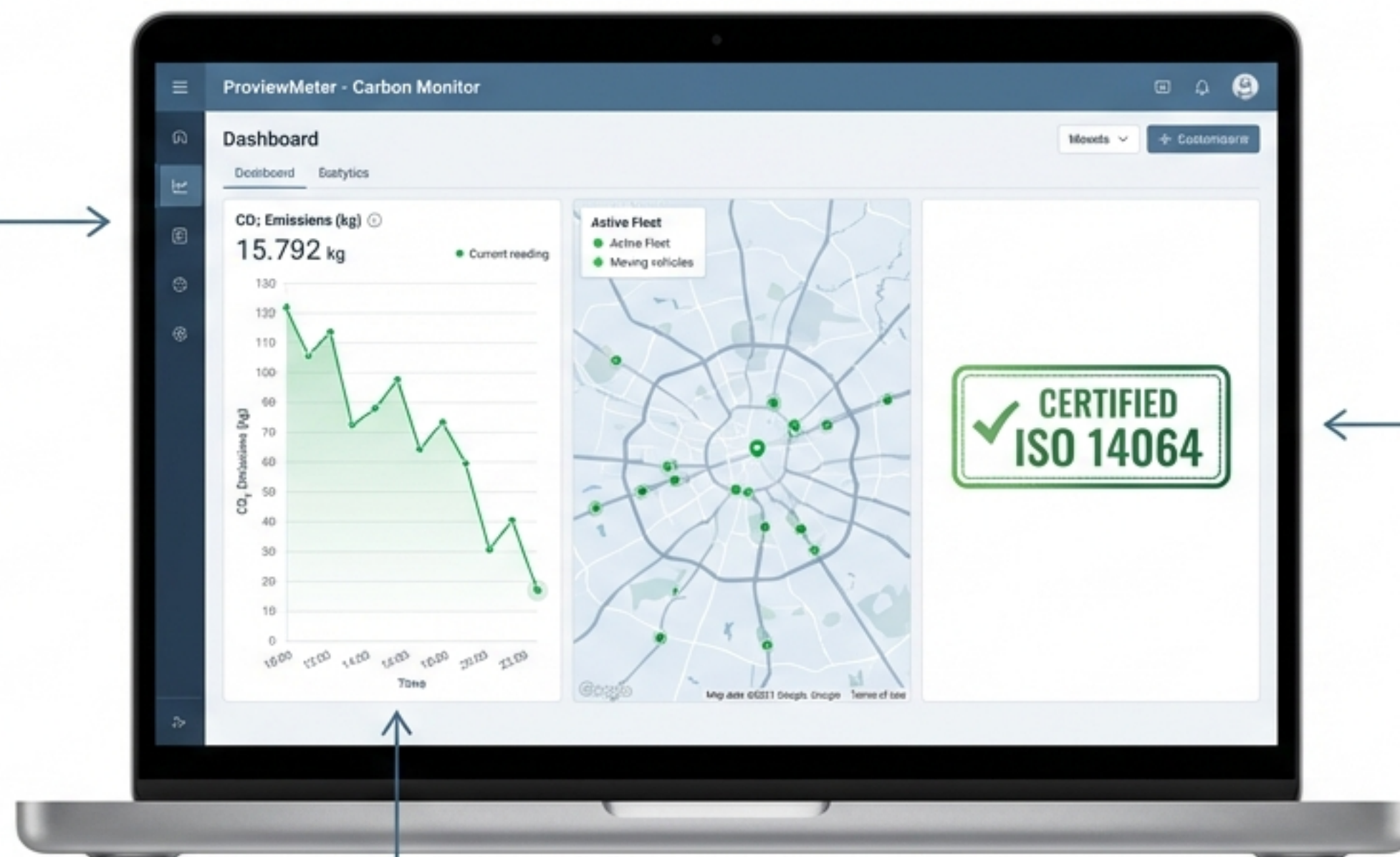
Future State: Dynamic AI



Leveraging the existing SIPORT platform, we move beyond simple fleet renewal. We apply Generative AI to ensure routes adapt in real-time to patient needs and traffic conditions.

Innovation Pillar 2: Turning the 'Black Box' into Certified Data

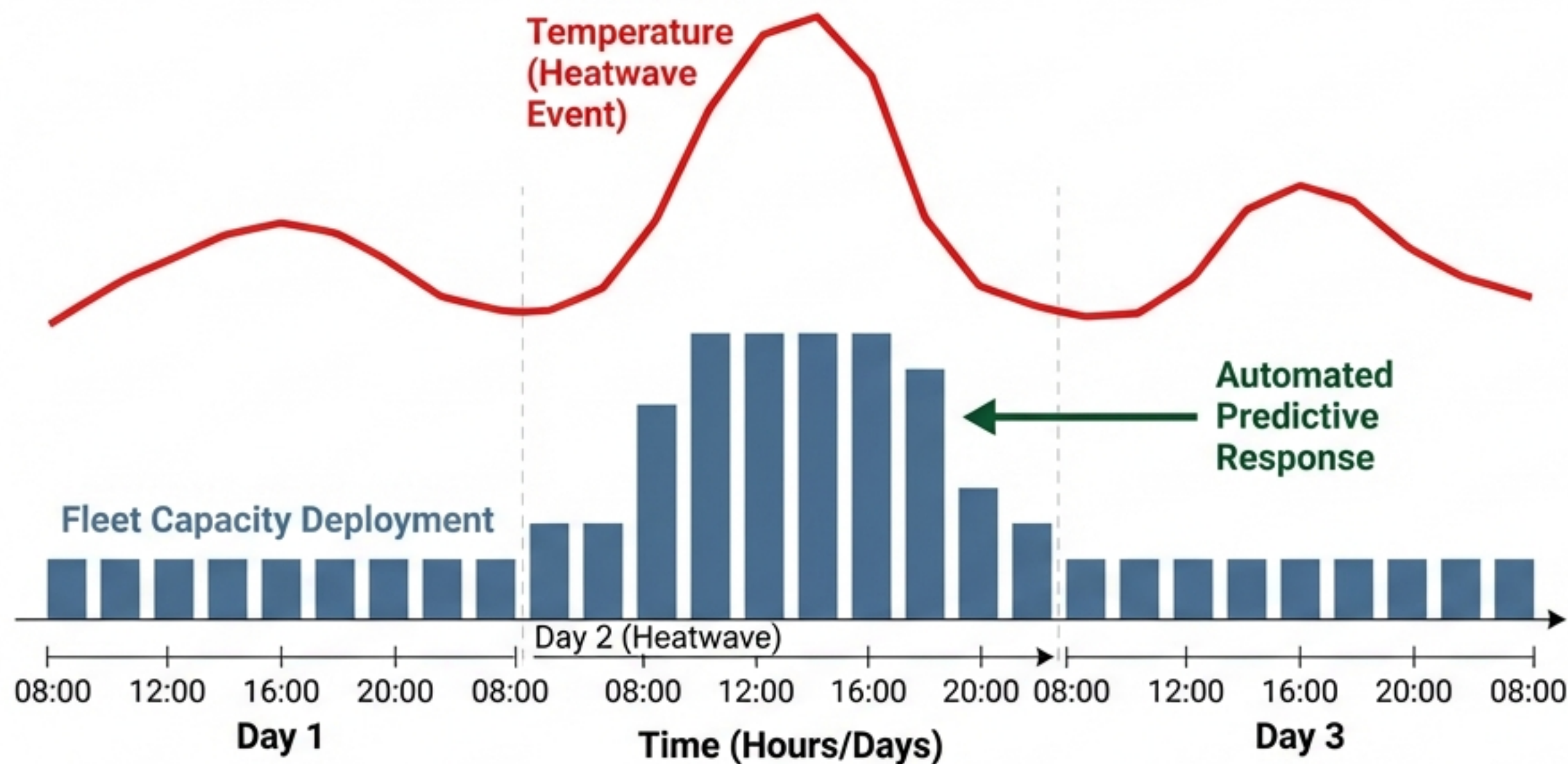
The Technology:
ProviewMeter
Cognitive IoT.



The Impact:
Audit-ready metrics
for EU Green Deal
compliance.

The Output: Traceable,
certifiable Scope 3 data.

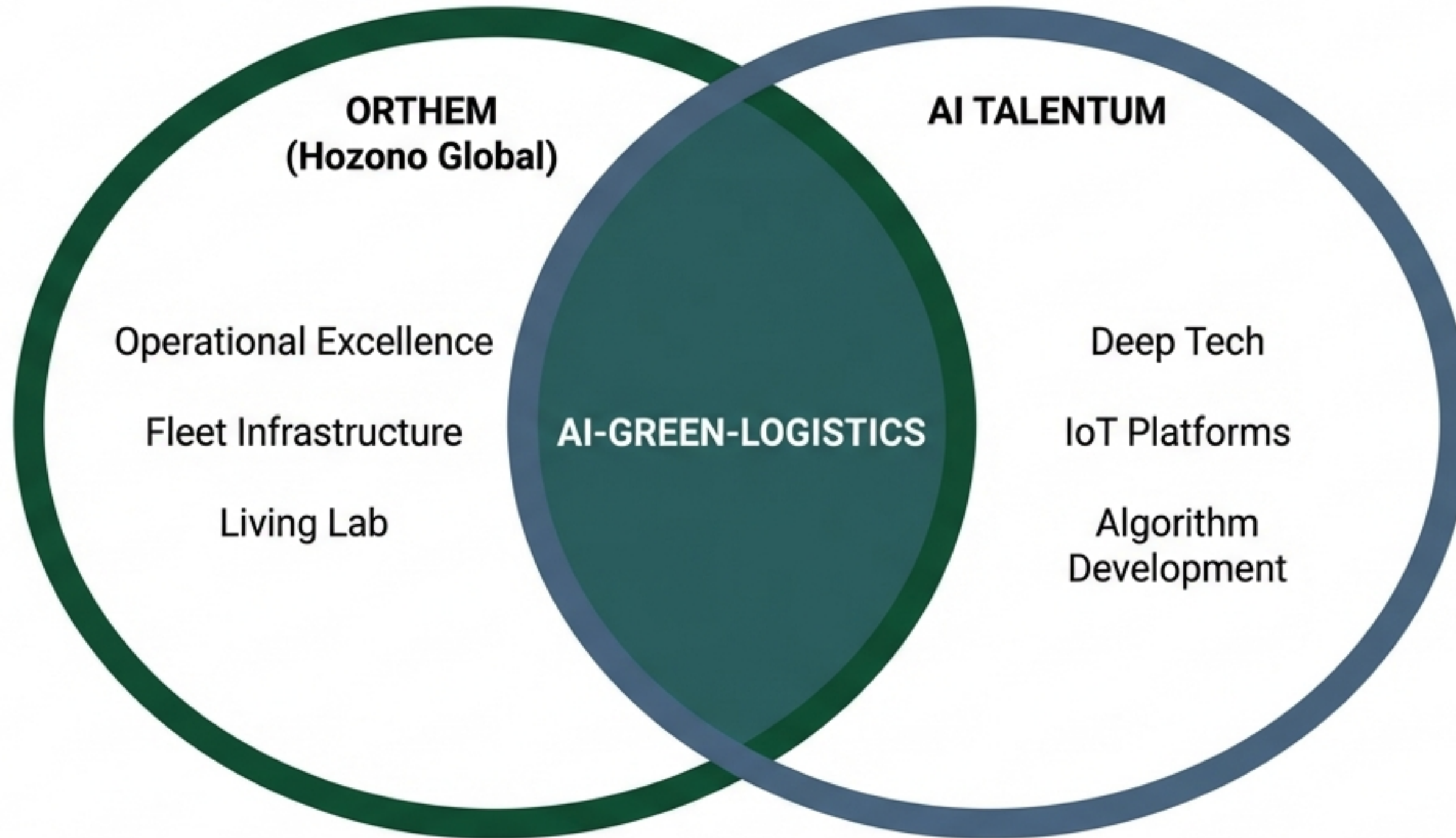
Innovation Pillar 3: Climate Resilience & Predictive Adaptation



Challenge: Extreme weather disrupts health transport.

Innovation: Predictive models correlate meteorological data with health demand to ensure operational continuity.

The Engine: A Validated Industrial & Technical Foundation



We are not starting from scratch. The 'Engine' is built; we are seeking partners to steer and deploy it.

Partner Profile: ORTHEM (Hozono Global Group)

Industrial Partner, End-User, Living Lab



- Scale:** Leader in sanitary transport (Transinsa/Ambex).
- Assets:** Eco-fleet (CNG/Hybrid/Electric) reducing CO2 by up to 95%.
- Readiness:** Already implementing SIPORT intelligent route management.



Partner Profile: AI TALENTUM

AI Developer, Technology Provider




Applied AI



Predictive Analytics

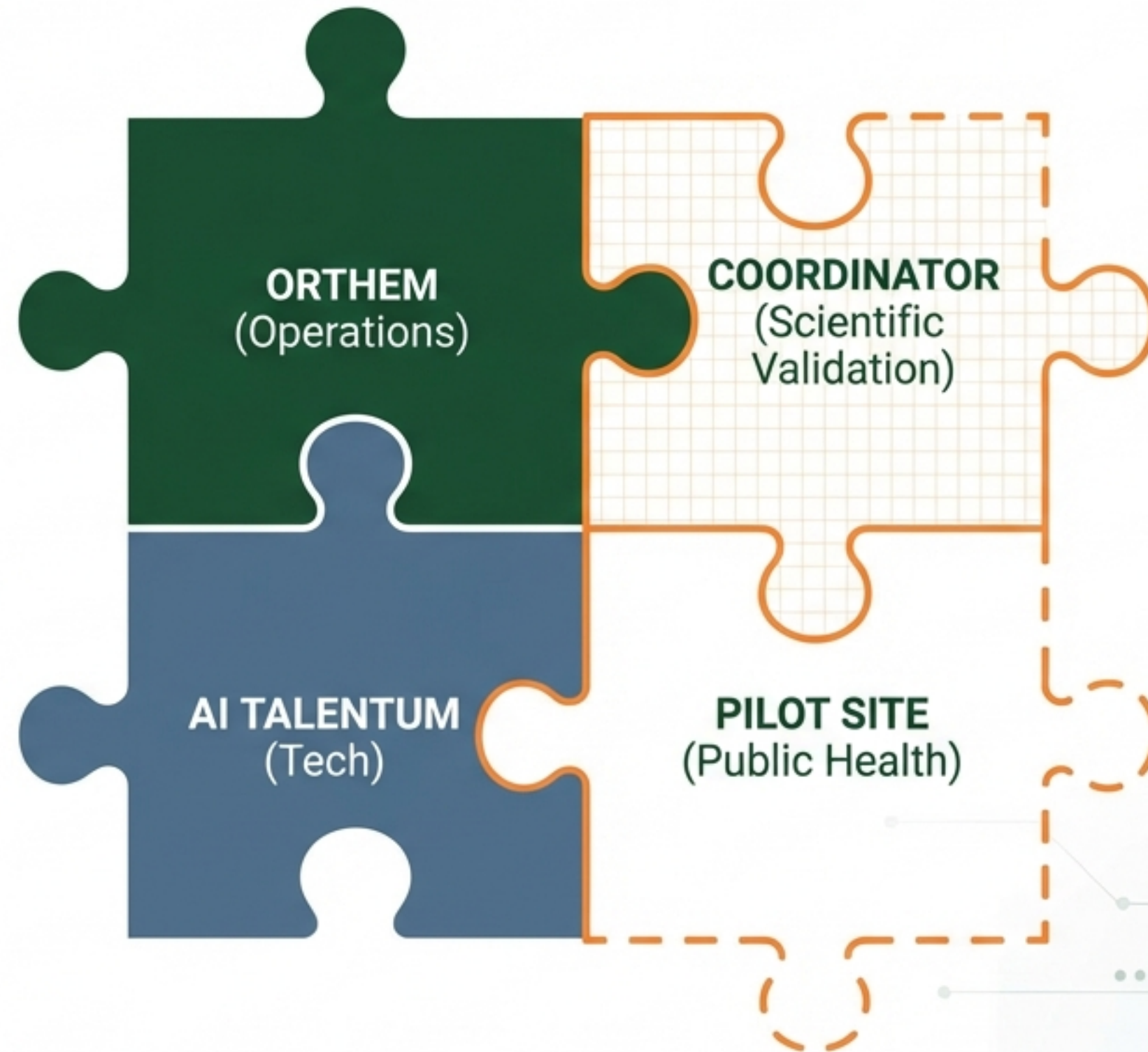


IoT Integration

-  **Expertise:** Specialists in Applied AI for sustainability.
-  **Track Record:** Proven experience in EU Health projects (ARISTOTELES).
-  **Technology:** Developers of the ProviewMeter platform.



Completing the Consortium: The Missing Pieces



**We have the
operations and the
technology.**

**We need Scientific
Validation and
Public Deployment.**



Search Profile A: The Coordinator

Target: University or Research & Technology Organisation (RTO)

Required Expertise



Life Cycle Assessment (LCA) to validate environmental benefits.



Health Impact Assessment.



Project Management for Horizon Europe.

Your Value



Lead a high-impact project with a high-TRL industrial base.



Ideal for scientific publication and policy influence.

Search Profile B: Public Health Authority / Hospital

Target: Hospital Network or Public Health System

Role

Pilot / Demonstrator Site

The Opportunity

- **Validate:** Act as the testing ground for Scope 3 reduction.
- **Modernize:** Turnkey solution for decarbonizing logistics.
- **Compliance:** Get ahead of EU Green Deal requirements.

Low Risk, High Reward implementation.



Why Join AI-GREEN-LOGISTICS?

High Readiness (TRL)	Strategic Urgency	Balanced Team
		
Not basic research. Integrating proven platforms (SIPORT, ProviewMeter) and existing fleets.	Directly targets the 'Scope 3' gap identified in the 2026 Work Programme.	A perfect mix of Operational Scale and Agile Tech, awaiting Scientific Leadership.

Let's Finalize This Proposal Together

We are ready to integrate your expertise into the AI-GREEN-LOGISTICS roadmap.

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Scan for Project Details / LinkedIn

“Transforming the ‘Black Box’ of healthcare logistics into a transparent, green advantage.”