

# AI-GREEN-LOGISTICS: Decarbonizing Healthcare Scope 3

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

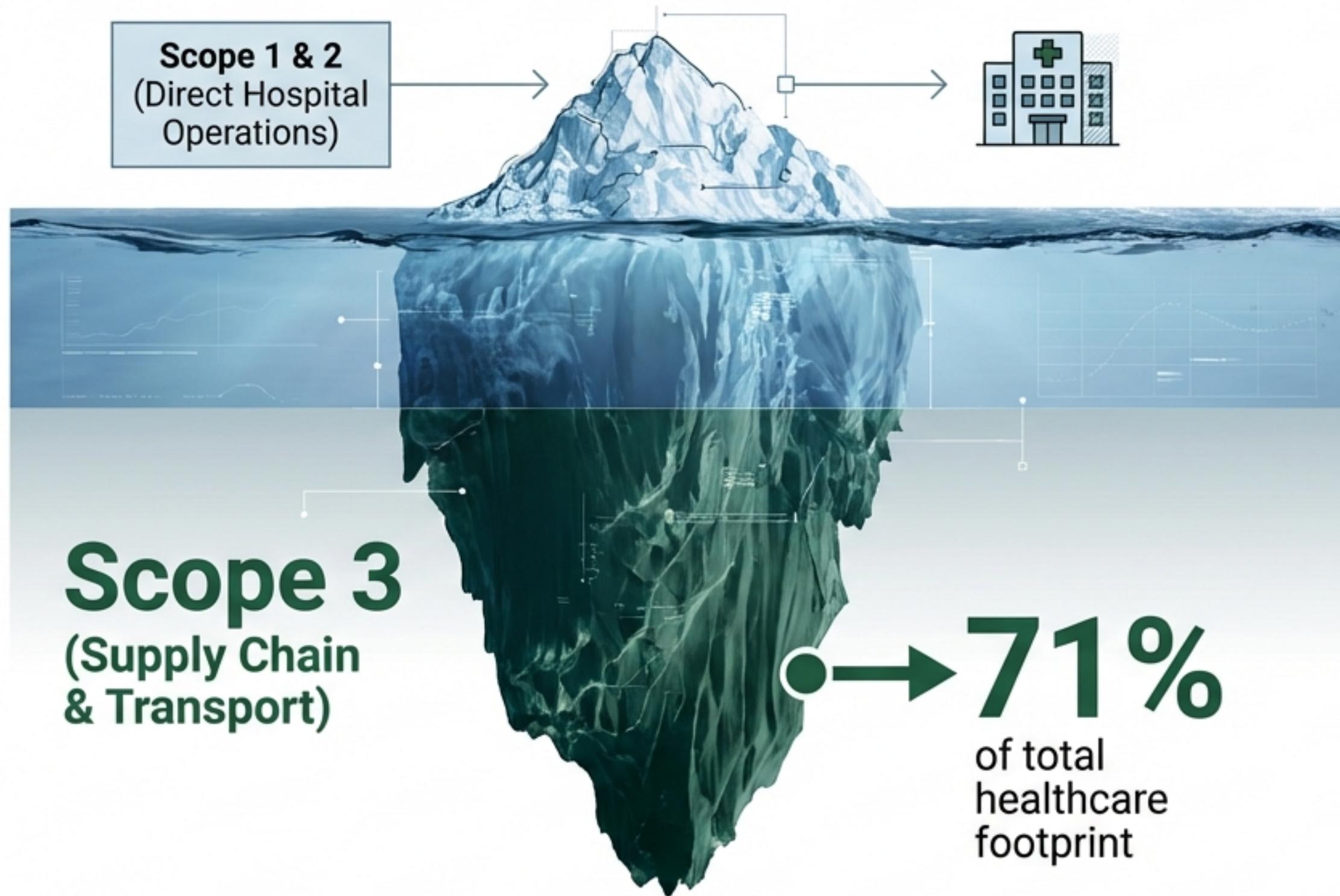


**Seeking Partners:  
Coordinator & Pilot Site**

**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’



(Source: Health Care Without Harm, Green Paper 2023)

## 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

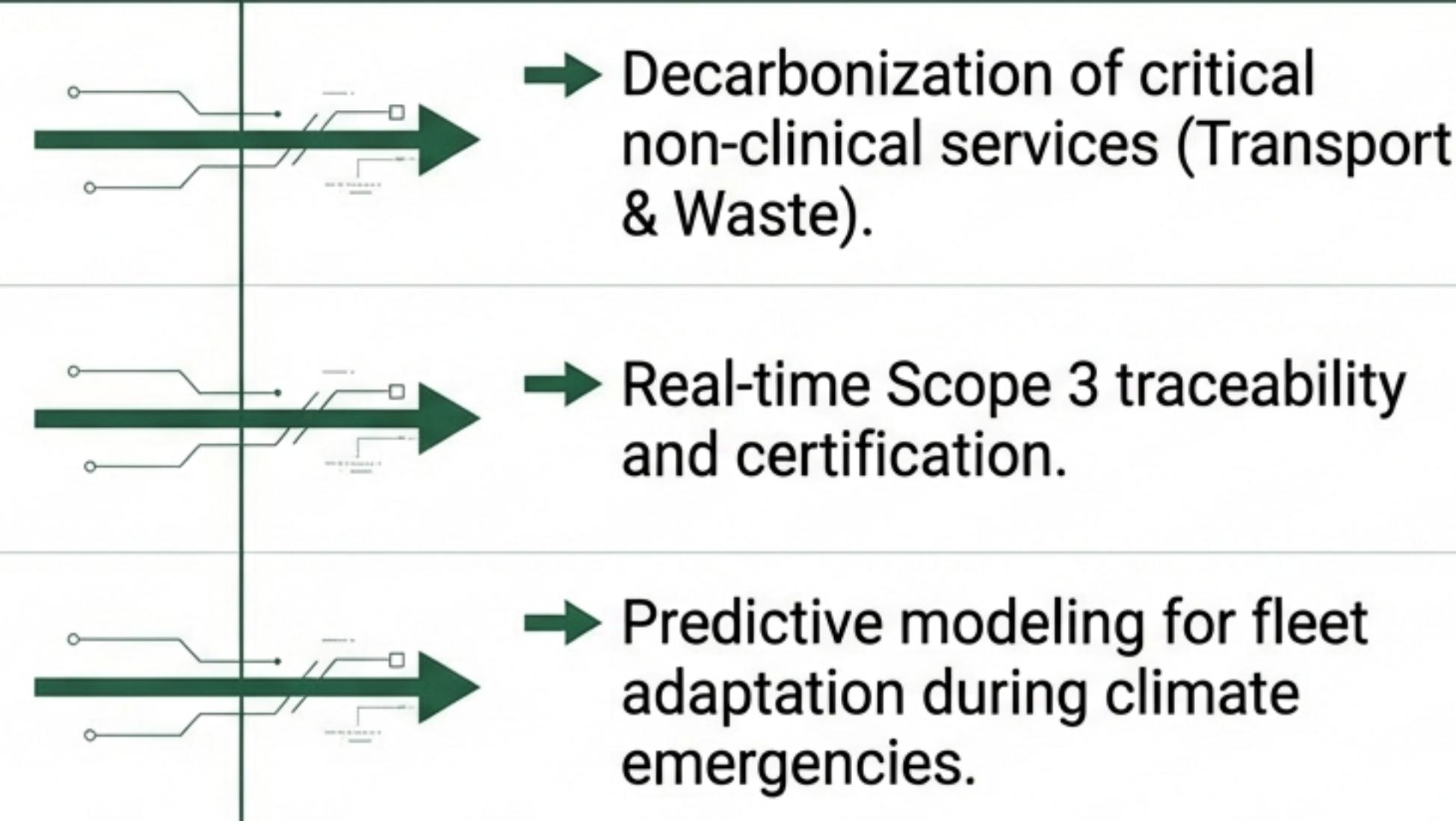


## The Call Demands

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



## AI-GREEN-LOGISTICS Delivers



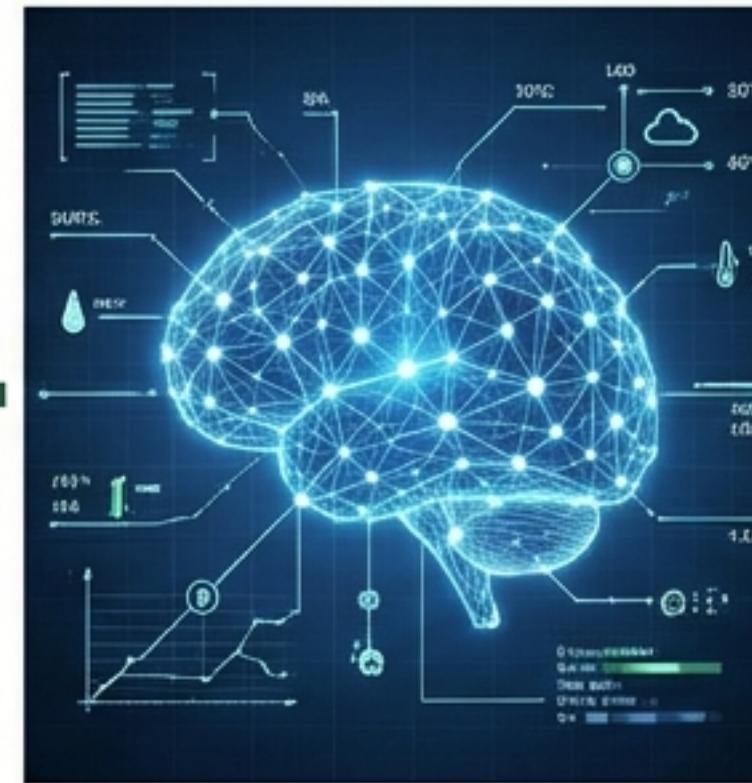
# The Solution: Real-World Operations + Advanced AI



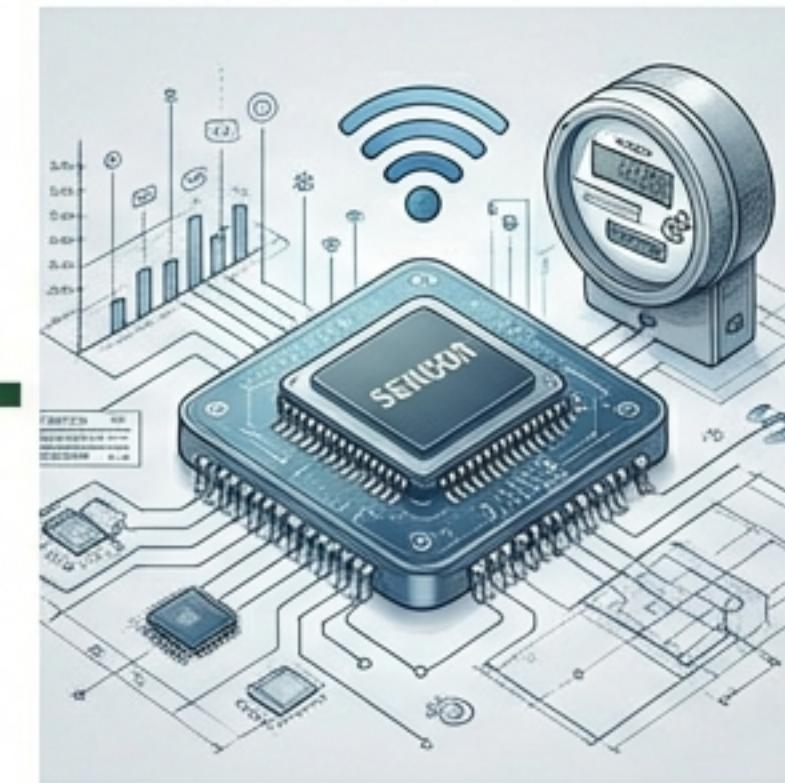
## Living Lab Operations



## Generative AI



## Cognitive IoT



**Optimize:**  
Evolution of SIPORT  
platform.

**Adapt:**  
Predictive modeling  
for weather/demand.

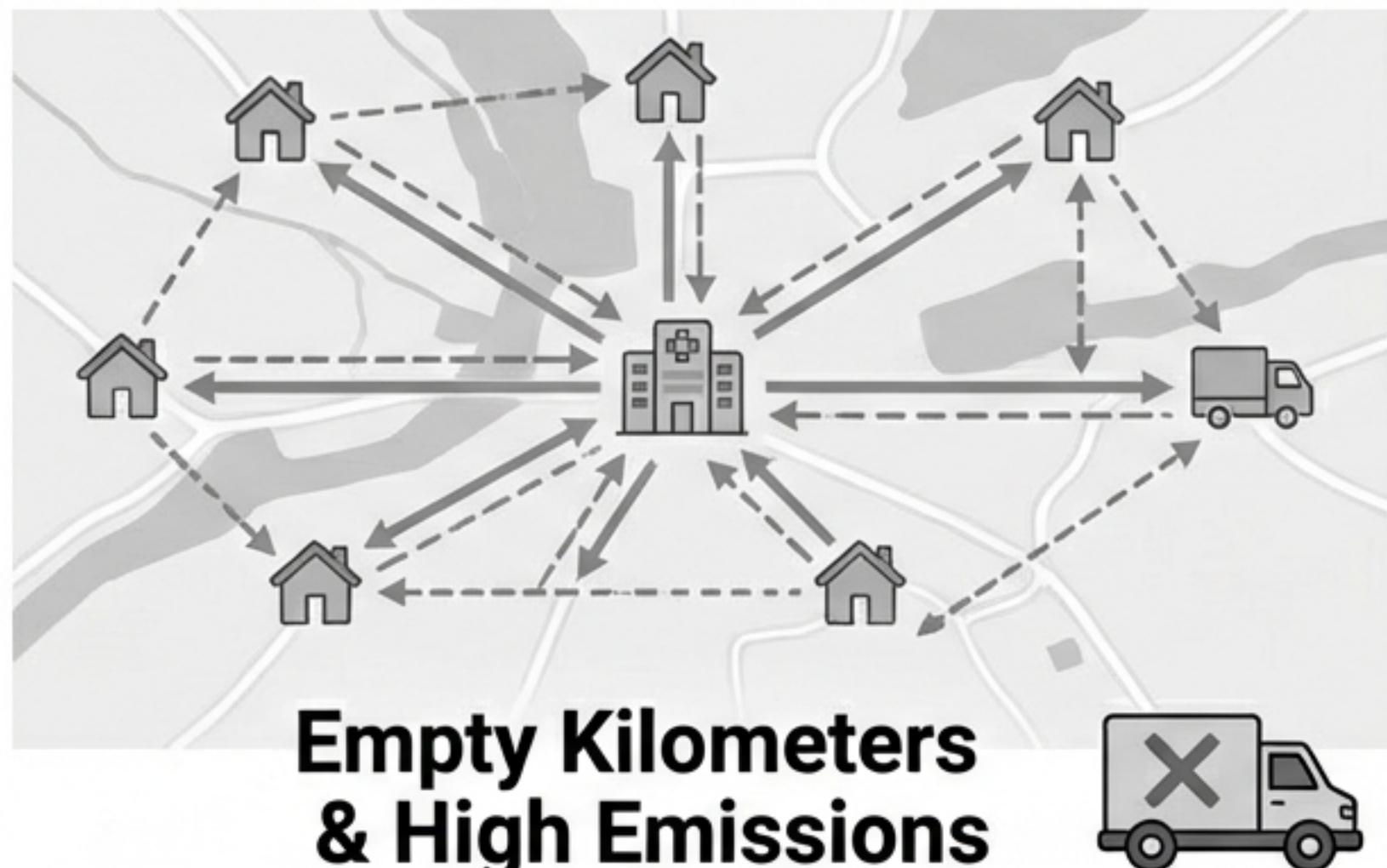
**Measure:**  
ProviewMeter for  
certification.



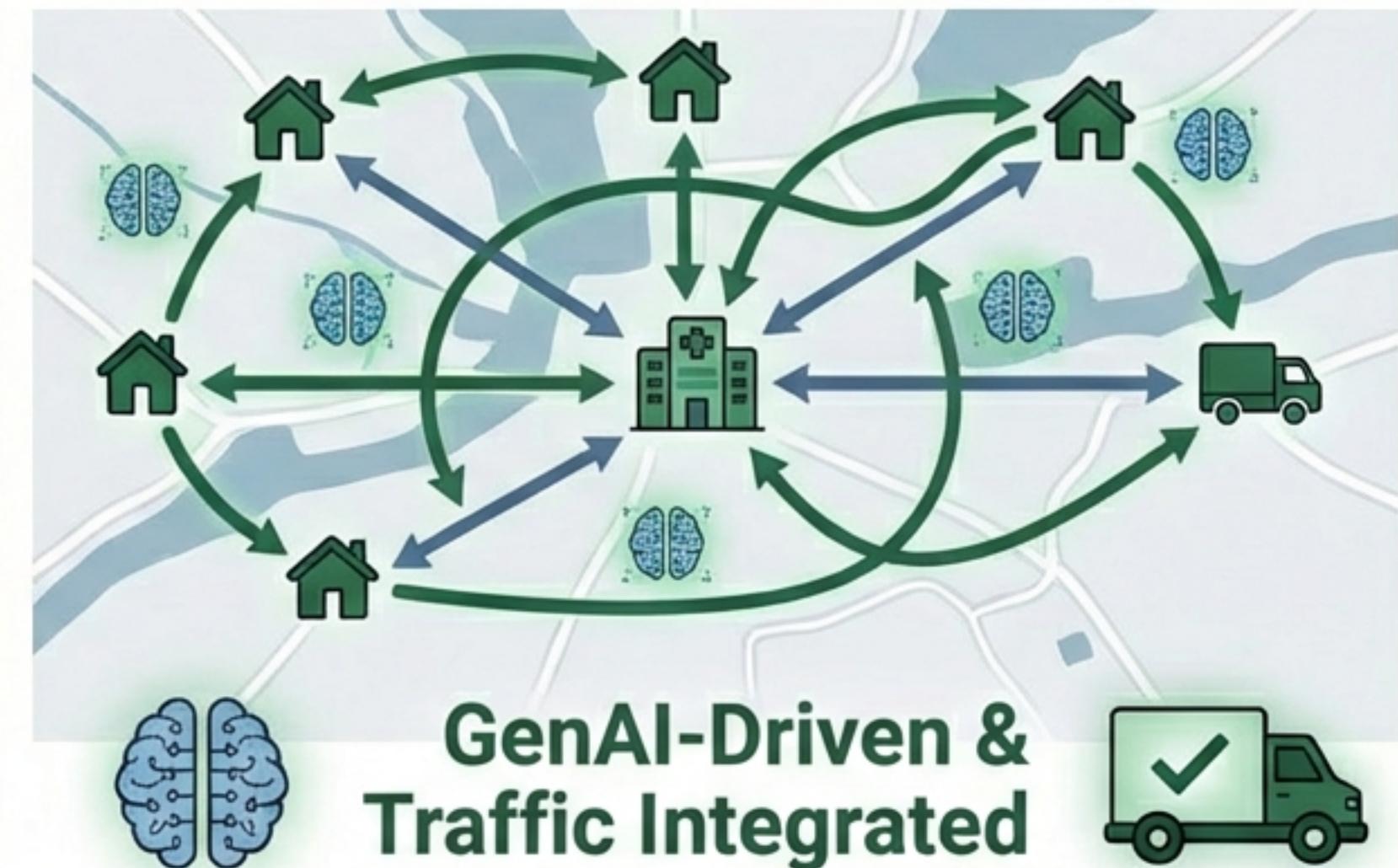
## Decarbonized Resilience

# Innovation Pillar 1: Dynamic Logistics Evolution

## Current State: Static



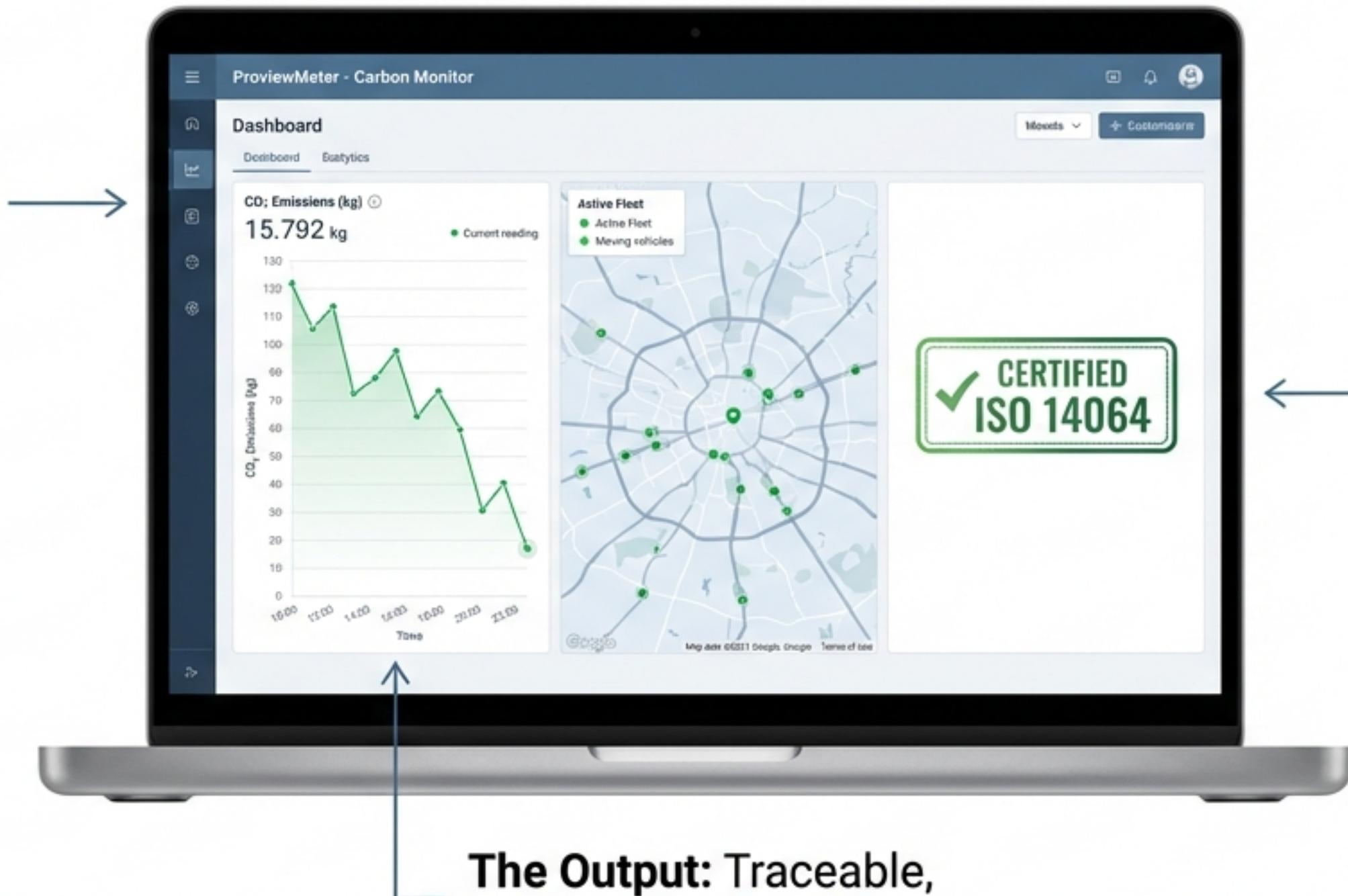
## Future State: Dynamic AI



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

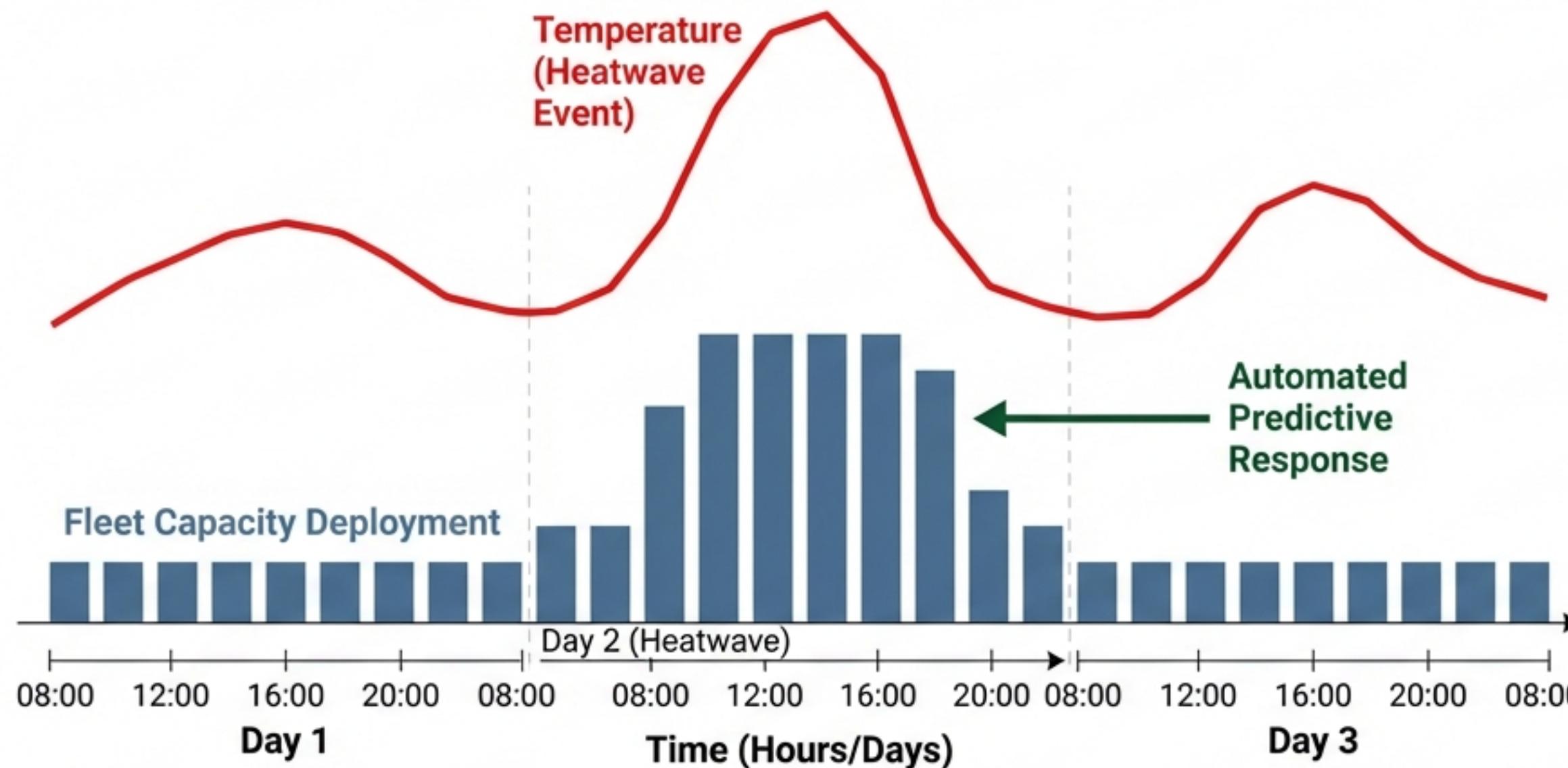
**The Technology:**  
ProviewMeter  
Cognitive IoT.



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

**The Output:** Traceable,  
certifiable Scope 3 data.

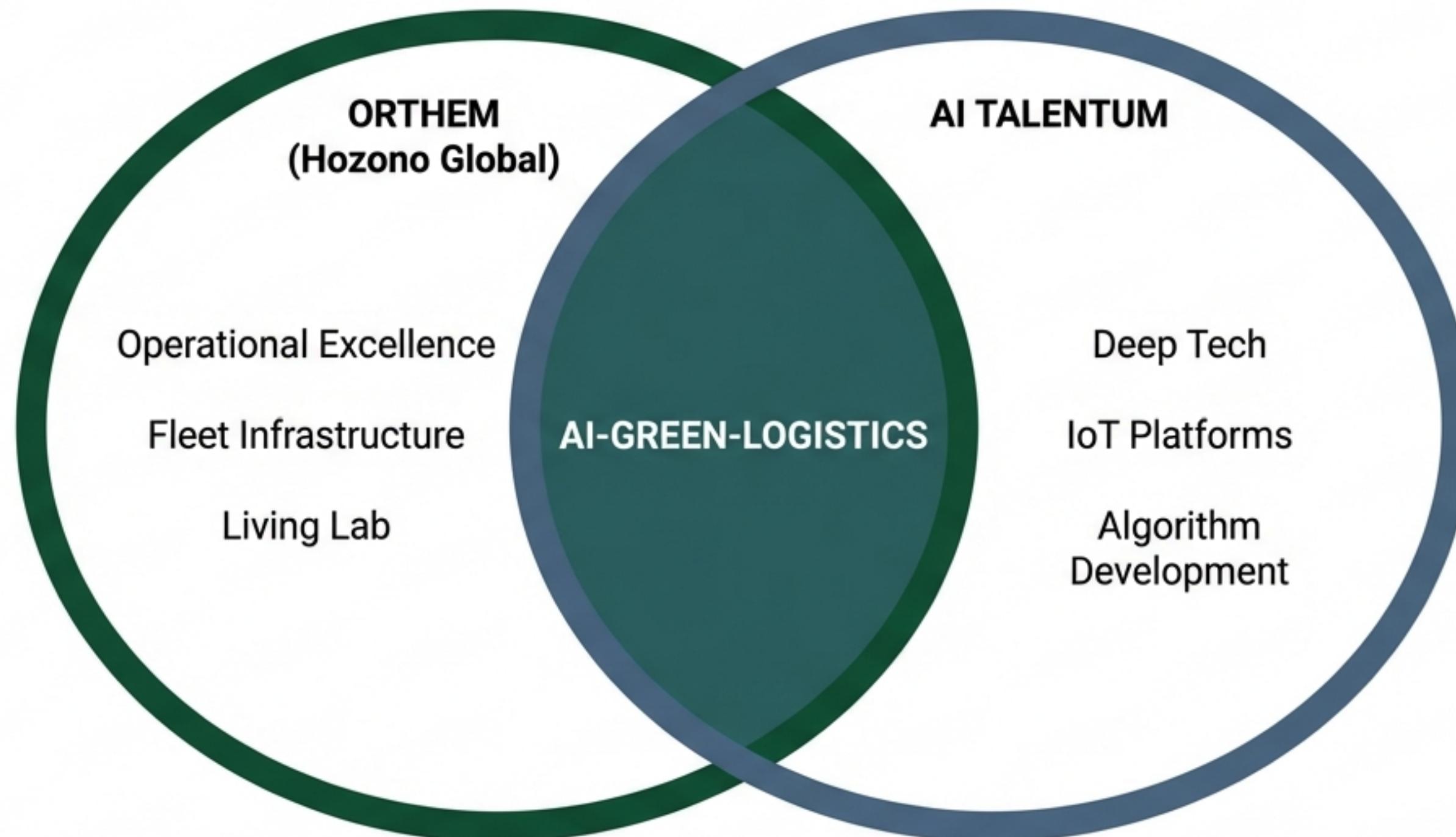
# Innovation Pillar 3: Climate Resilience & Predictive Adaptation



**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

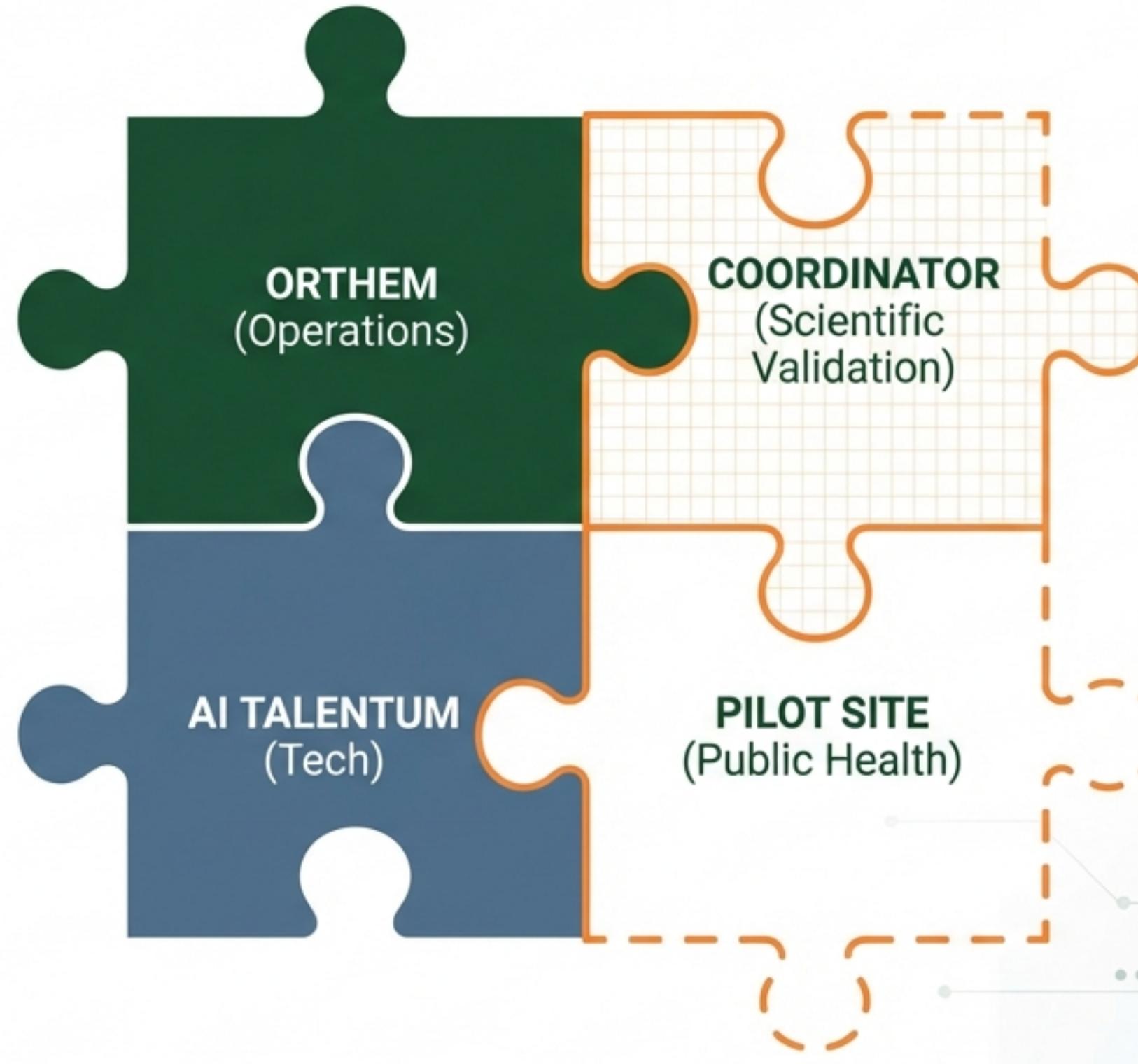


IoT Integration

- ⬆️ **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)



Not basic research. Integrating proven platforms (SIPORT, ProviewMeter) and existing fleets.

## Strategic Urgency



Directly targets the 'Scope 3' gap identified in the 2026 Work Programme.

## Balanced Team



A perfect mix of Operational Scale and Agile Tech, awaiting Scientific Leadership.

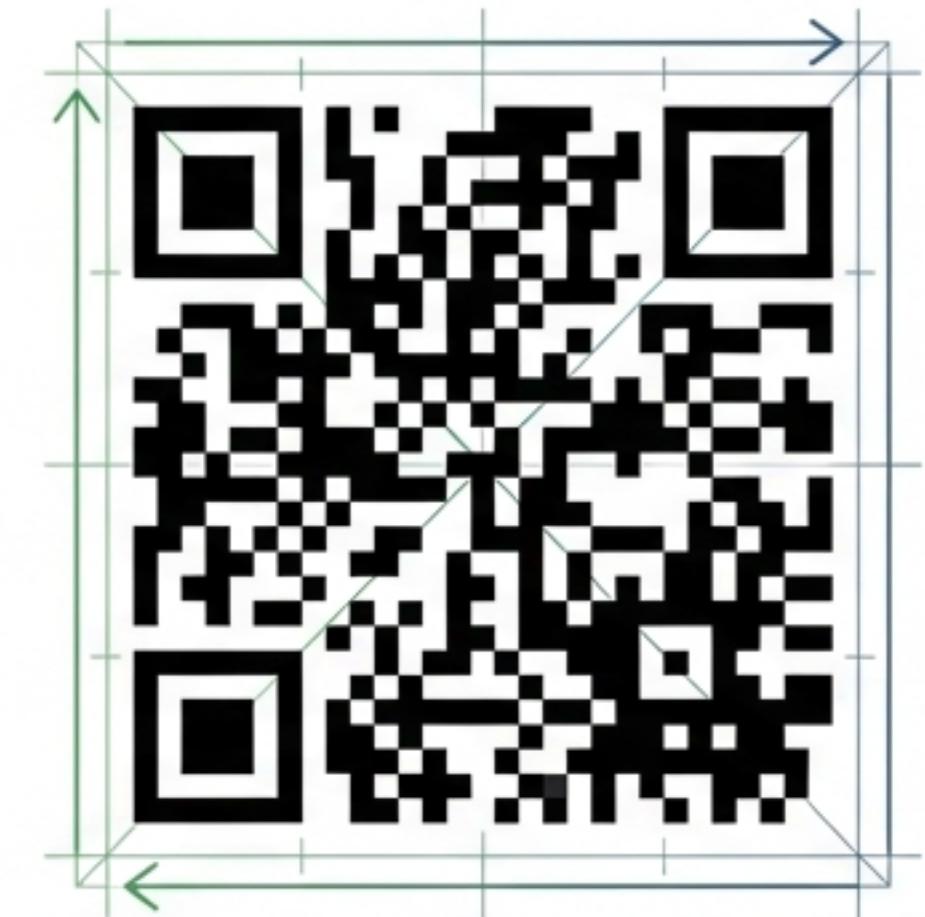
# Let's Finalize This Proposal Together

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

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