

CARGOEUROMED

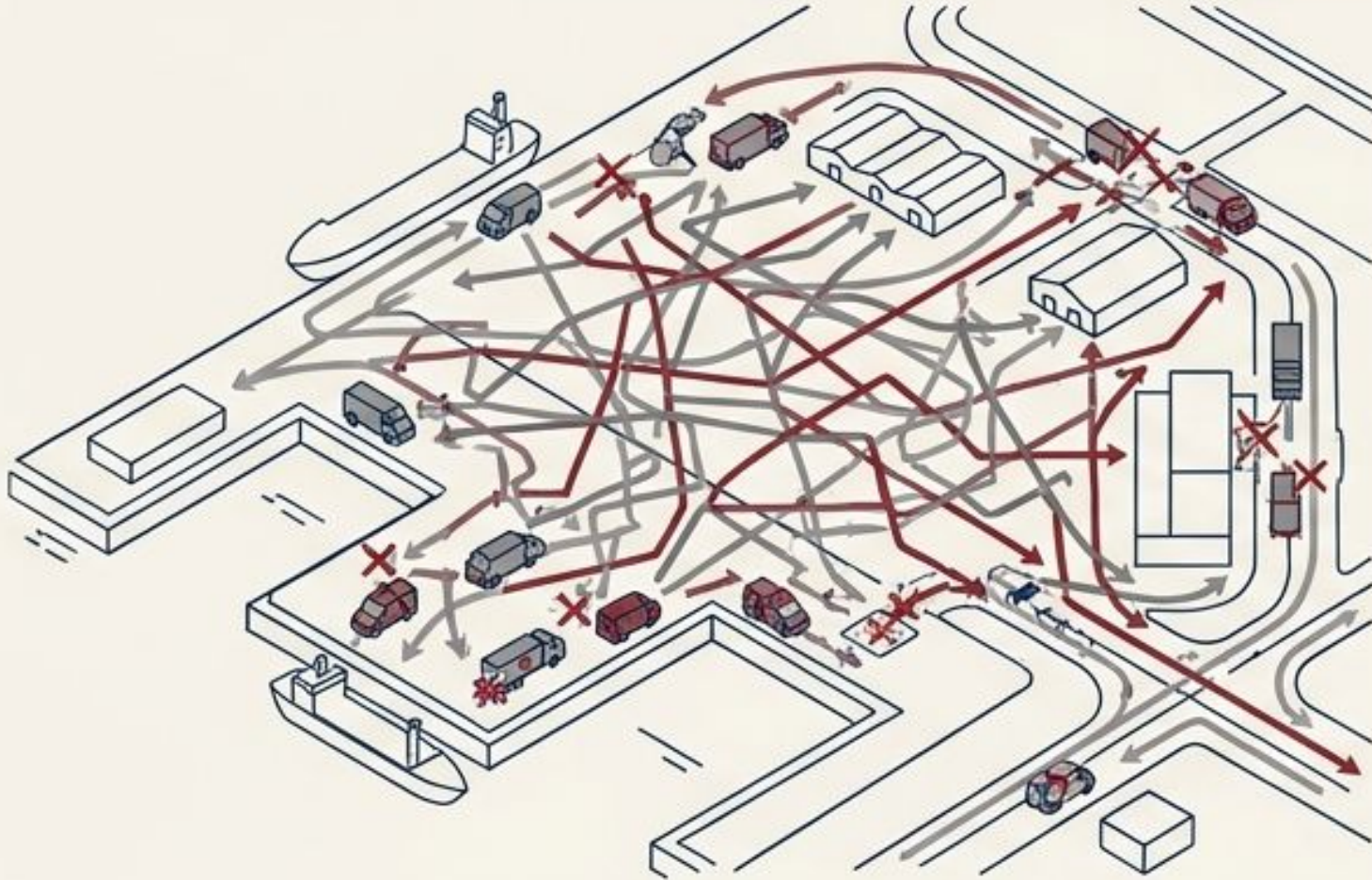
**Move Goods. Connect Ports.
Decarbonize Logistics.**

**The Euro-Mediterranean
Electric Cargo Mobility
Platform.
Powered by
ROMAGNABIKE.**



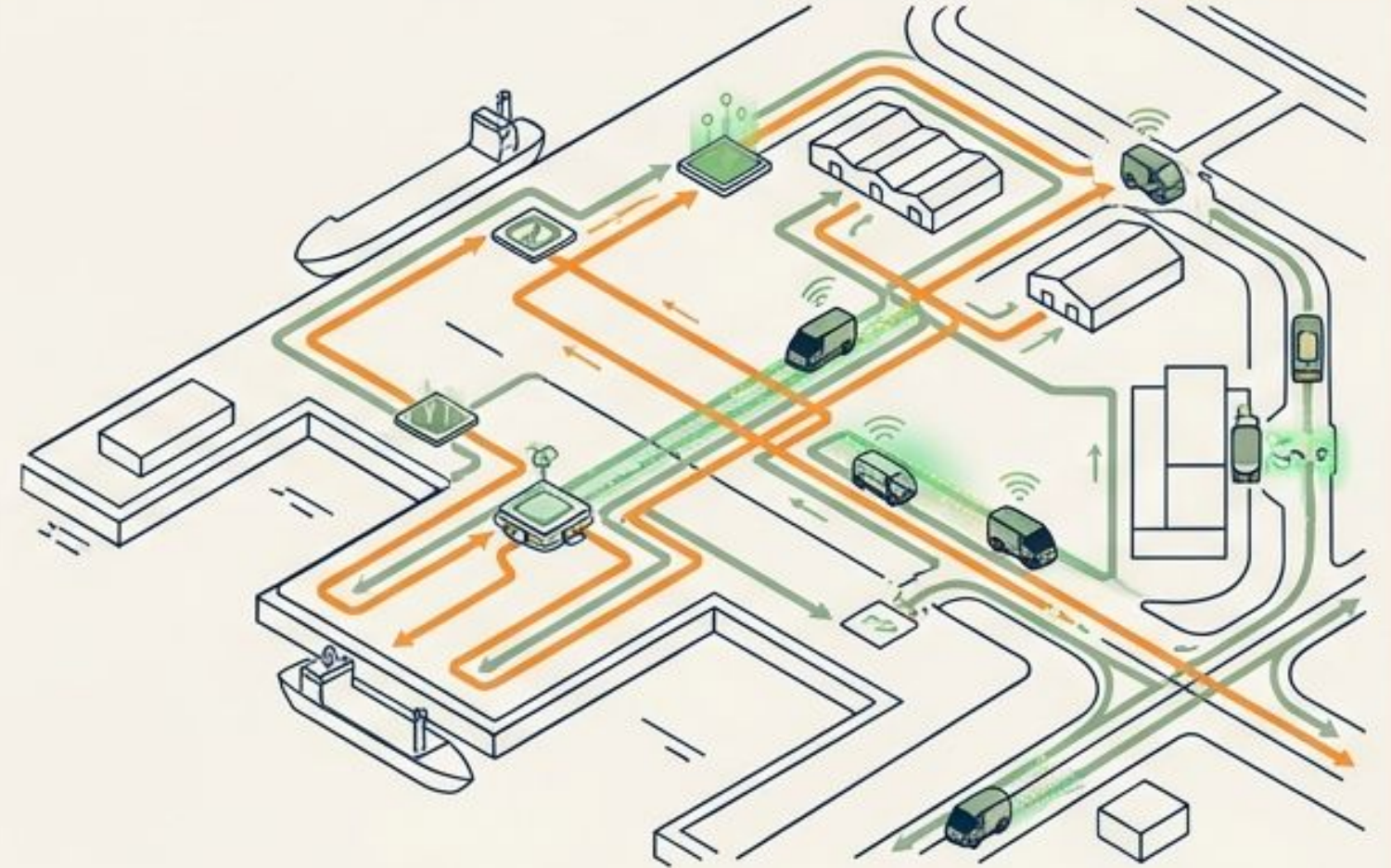
The Hidden Bottleneck in Port and Airport Operations

Current State: Fossil, Congested, Isolated



The Overlooked Segment: The movement of small/medium freight over short distances inside highly regulated environments.

CARGOEUROMED: Electric, AI-Coordinated, Integrated

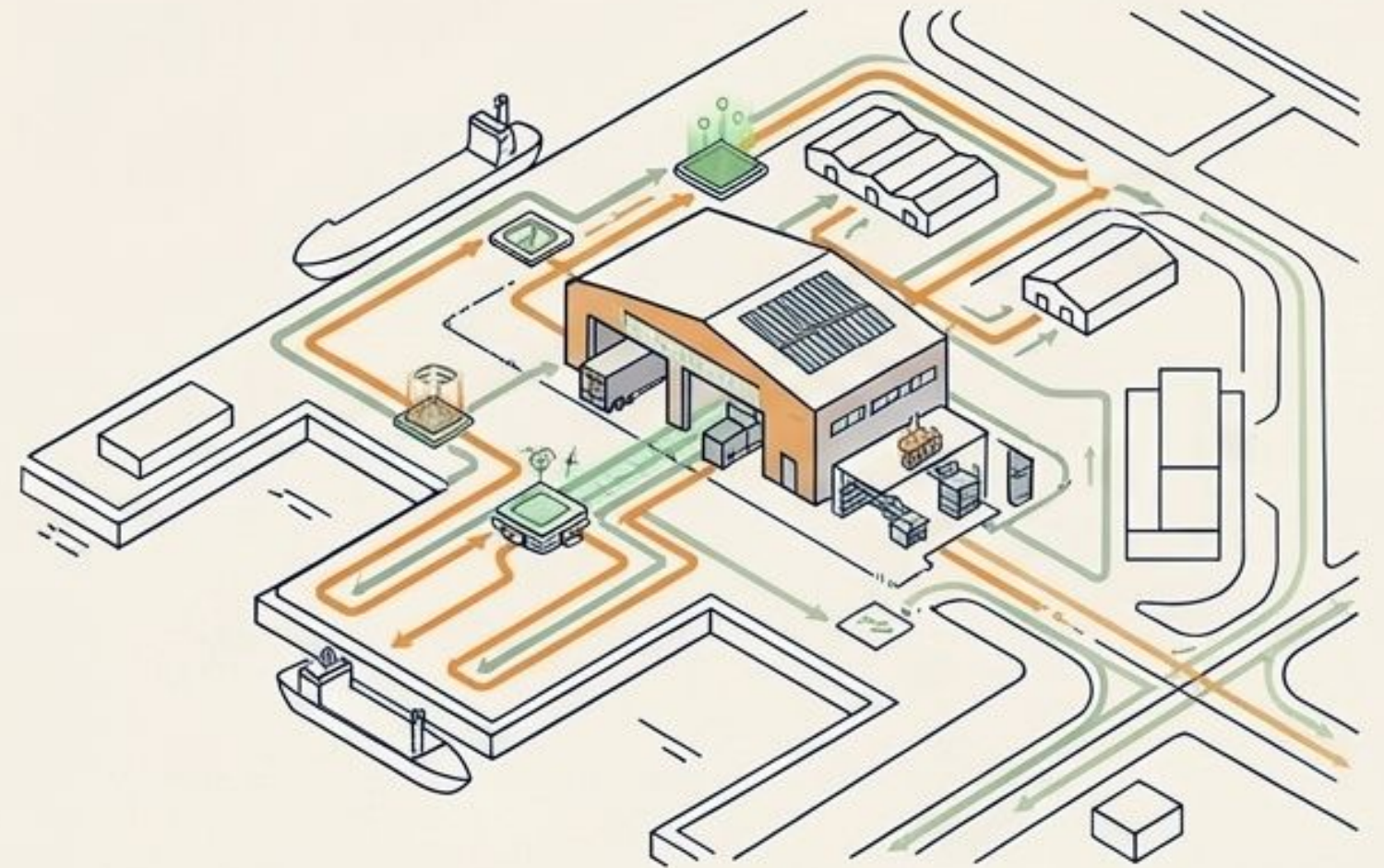
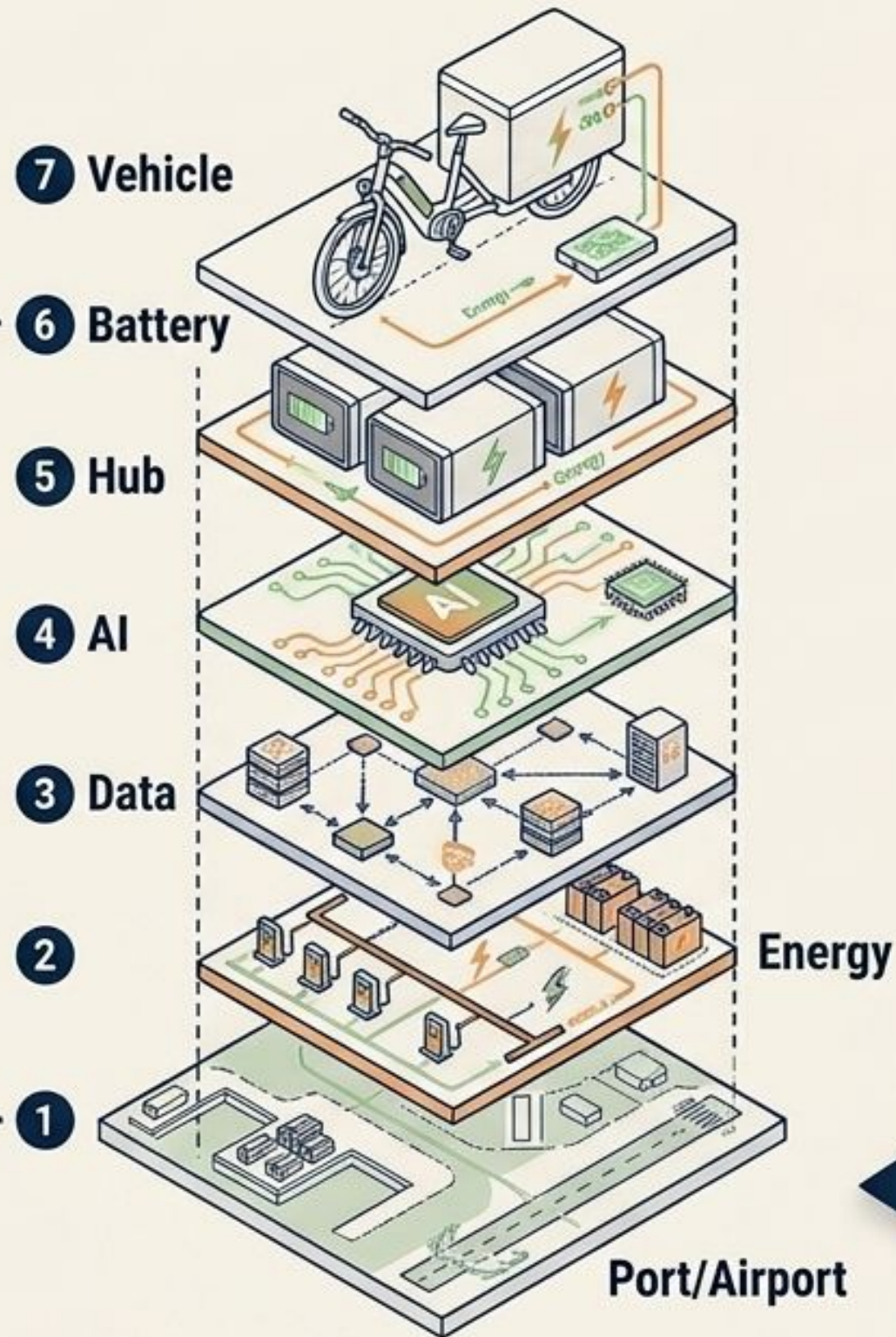


The Paradigm Shift: Replacing multiple overlapping diesel van trips with intelligent, right-sized electric micro-logistics.

What We Move: Documents, spare parts, catering, provisions, PPE, technical components, ship supplies, small pallets, and infrastructure maintenance tools.

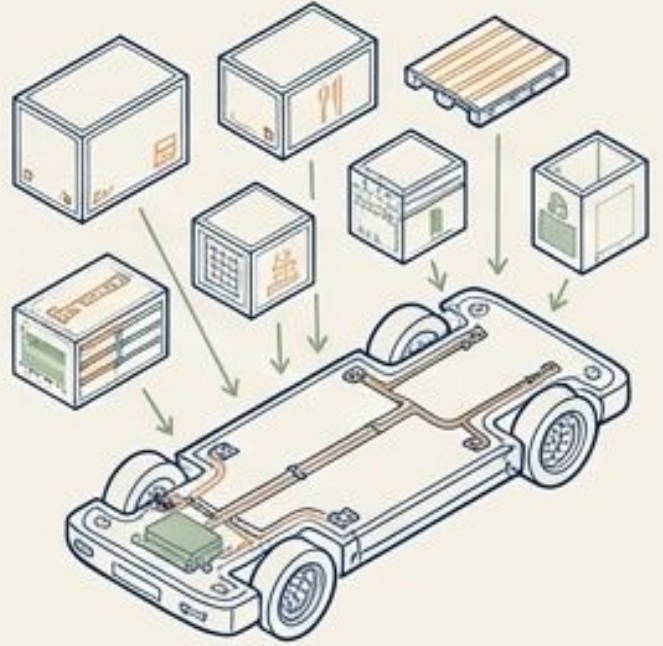
A New Operating System for Micro-Logistics

The Equation:
Vehicle +
Battery + Hub
+ AI + AI + Data
+ Energy +
Port/Airport =
**CARGOEUROMED
Platform**

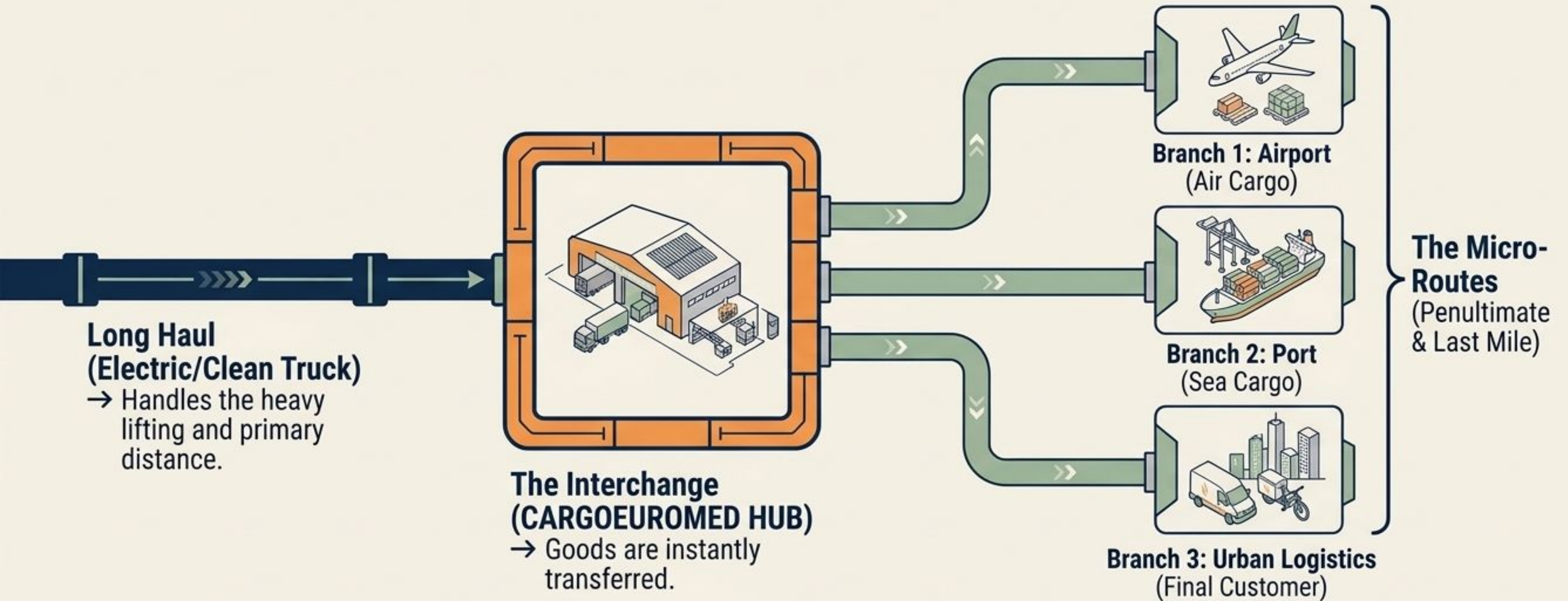


Core Message: Not just a cargo bike. A complete, **AI-driven** logistics operating system designed for the Euro-Mediterranean region, seamlessly linking **road → airport → port → city → last mile.**

The Physical Layer: A Modular Fleet Built for Industry

CARGO M (Professional E-Cargo Bike)	CARGO L (Professional Cargo Trike)	CARGO XL (Heavy Trike / E-Quadricycle)	CARGO MODULAR (Configurable Platform)
			
Payload: 0–100 kg Use Cases: Documents, small parcels, urgent spares, terminal delivery.	Payload: 100–250 kg Use Cases: Provisions, components, catering, standard port supplies.	Payload: 250–500+ kg Use Cases: Pallets, heavy technical materials, ship refueling.	Interchangeable Modules: Box, Food, Pallet, Cold, Tool, Waste, Security.

Intermodal Architecture: Using Trucks Better, Not Eliminating Them



Impact: Reduces short trips, wait times, local emissions, and space consumption inside restricted zones.

B2B Application: The Port Electric Supply (Micro-Feeder)

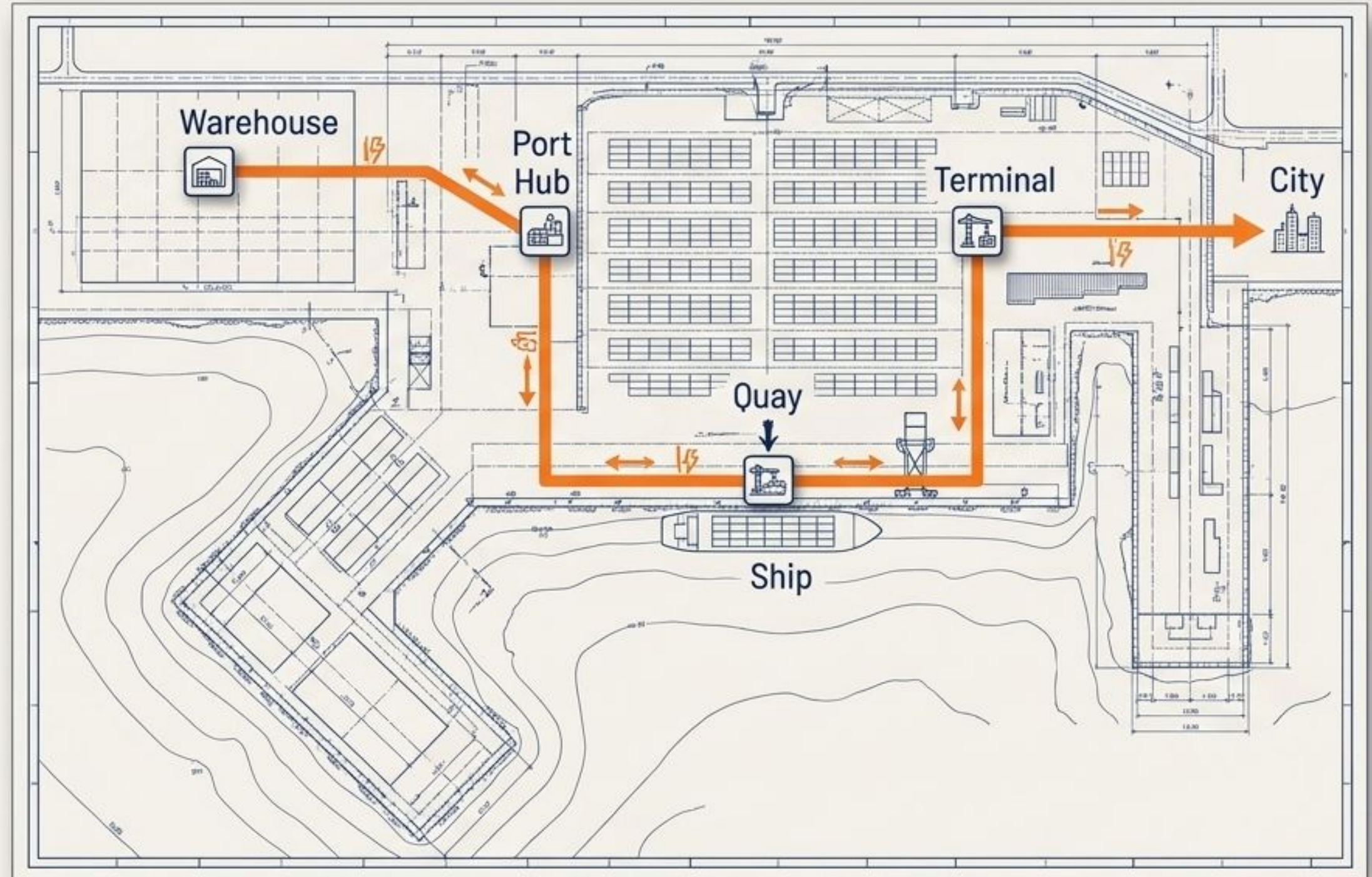
The Concept: The cargo fleet acts as a high-efficiency electric 'micro-feeder' for the port ecosystem.

The Flow:

Warehouse → Port Hub → Quay → Ship → Terminal → City.

Primary B2B Services:

Ship supply, internal food & beverage, selected waste removal, spare parts delivery, and internal terminal distribution.

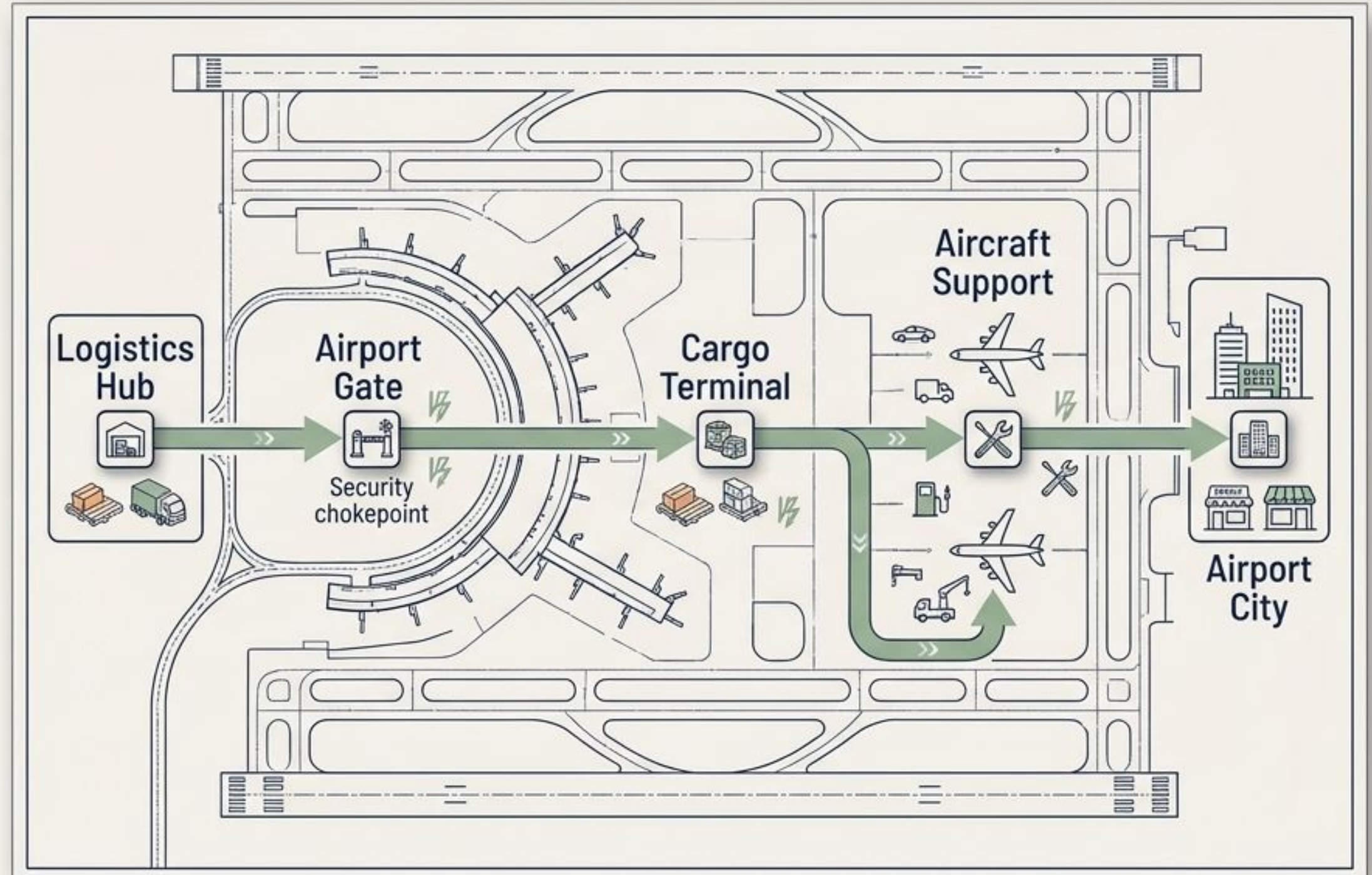


B2B Application: Airport Electric Cargo Service

The Concept: Connecting the external logistics perimeter directly to the airside operations with zero local emissions.

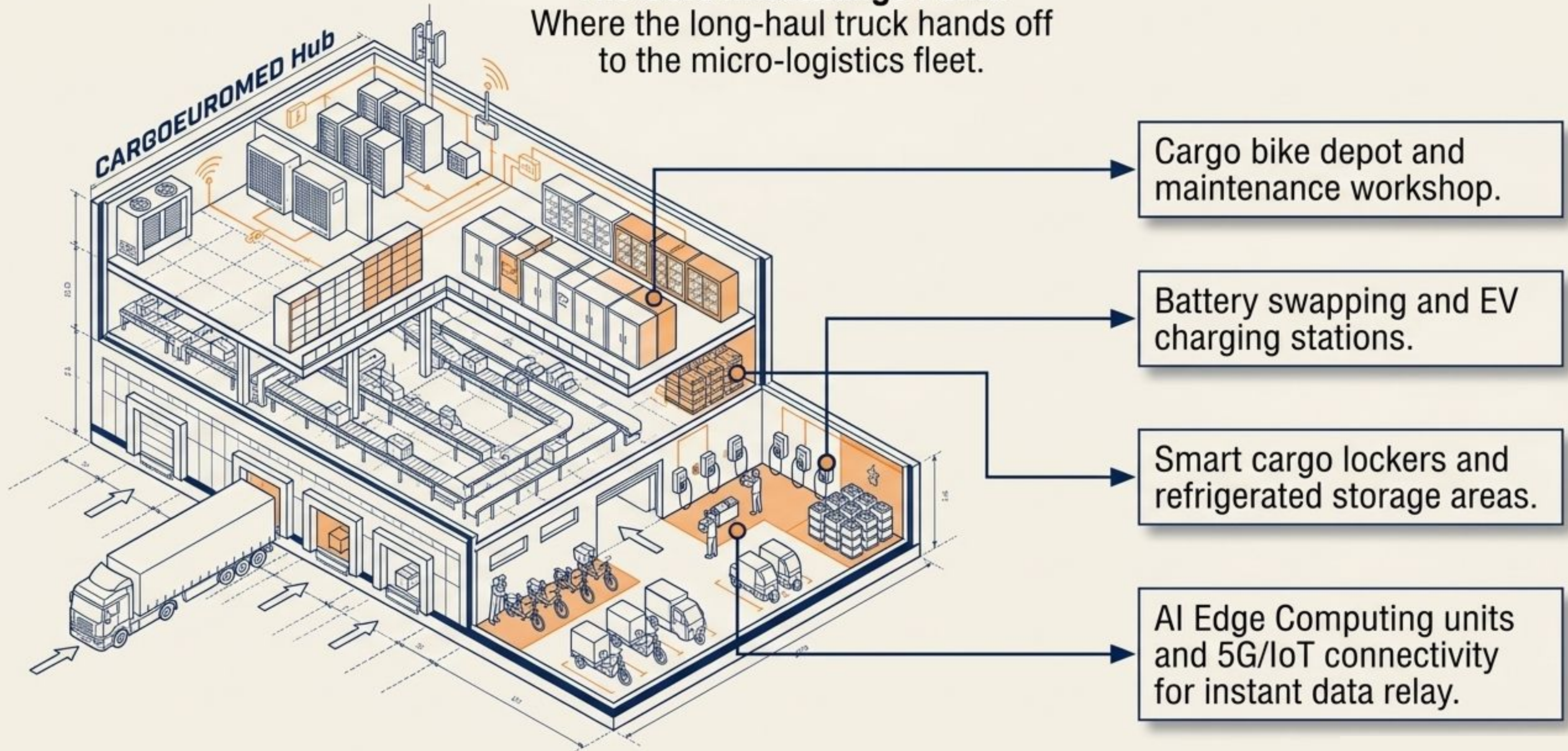
The Flow:
Logistics Hub → Airport Gate
→ Cargo Terminal → Aircraft
Support → Airport City.

Primary B2B Services:
Urgent aircraft spares, gate catering, specialized documentation, airport city retail supplies, and airline support services.



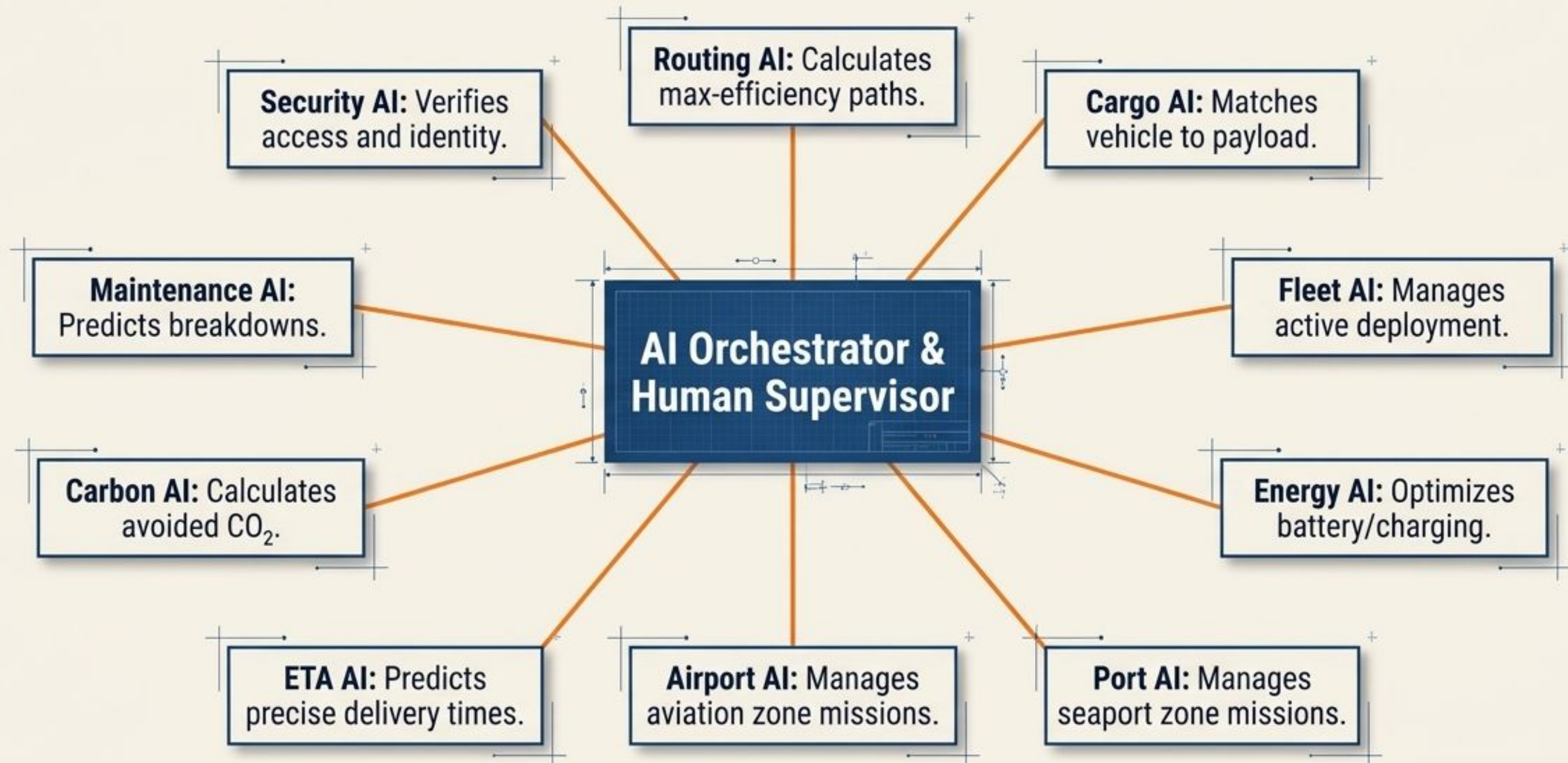
The Infrastructure: Micro Logistics Hubs

The Core Interchange Point:
Where the long-haul truck hands off
to the micro-logistics fleet.



The Digital Brain: Orchestrating the Fleet

The Philosophy: The AI proposes. The Human Operator authorizes critical operations.



Absolute Traceability: The Digital Cargo Identity

Digital Cargo ID (The Vehicle)



Every unit is a verified digital asset tracking:

- ✓ Owner & Operator
- ✓ Battery health
- ✓ Maintenance status
- ✓ Active missions
- ✓ Avoided CO₂

Euro-Med Cargo Passport (The Shipment)



A secure ledger for every mission recording:

- ✓ Origin & Destination
- ✓ Weight & Category
- ✓ Routing
- ✓ Energy utilized
- ✓ Exact delivery timestamp

The Result: A verifiable, transparent digital fleet ready for EUDI Wallet and Port Community System integration.

The Business Engine: Modular Integration Models



Cargo-as-a-Service

Predictable monthly subscriptions for vehicle usage.



Fleet-as-a-Service

End-to-end provision of vehicles, maintenance, and software.



Logistics-as-a-Service

Pay-per-mission on-demand execution.



AI-as-a-Service

Platform licensing for routing and orchestration.



Hub-as-a-Service

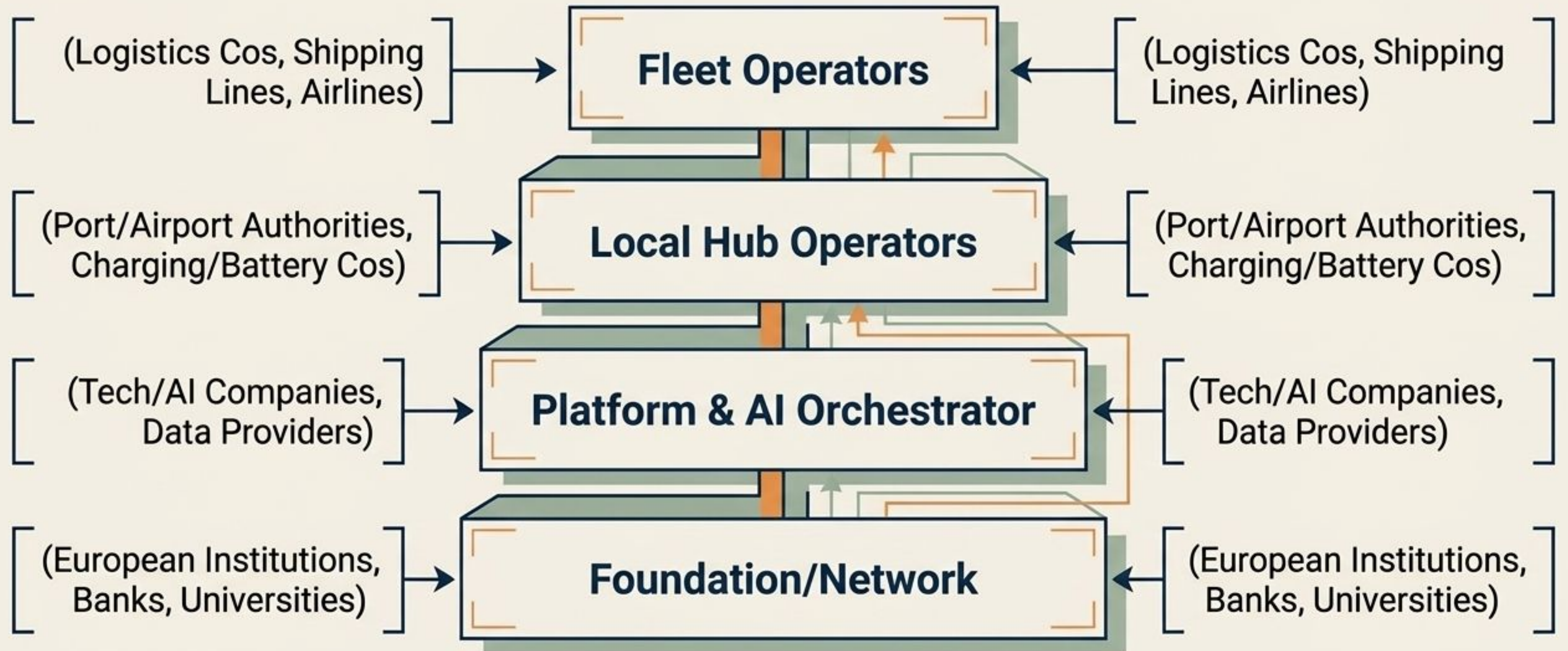
Micro-hubs operated under strategic concessions.



Data-as-a-Service

Real-time analytics and logistics intelligence for port/airport authorities.

Federated Governance & B2B Ecosystem



The Federated Advantage: Local hubs retain autonomy and data sovereignty, while the central AI ensures Euro-Med interoperability.

The Euro-Mediterranean Network & Carbon Intelligence

Macro Scale: Scaling the intelligent node model across 14 Euro-Med countries (Italy, France, Spain, Portugal, Greece, Croatia, Slovenia, Malta, Cyprus, Turkey, Morocco, Tunisia, Egypt, and Jordan) to generate unified Logistics Intelligence.

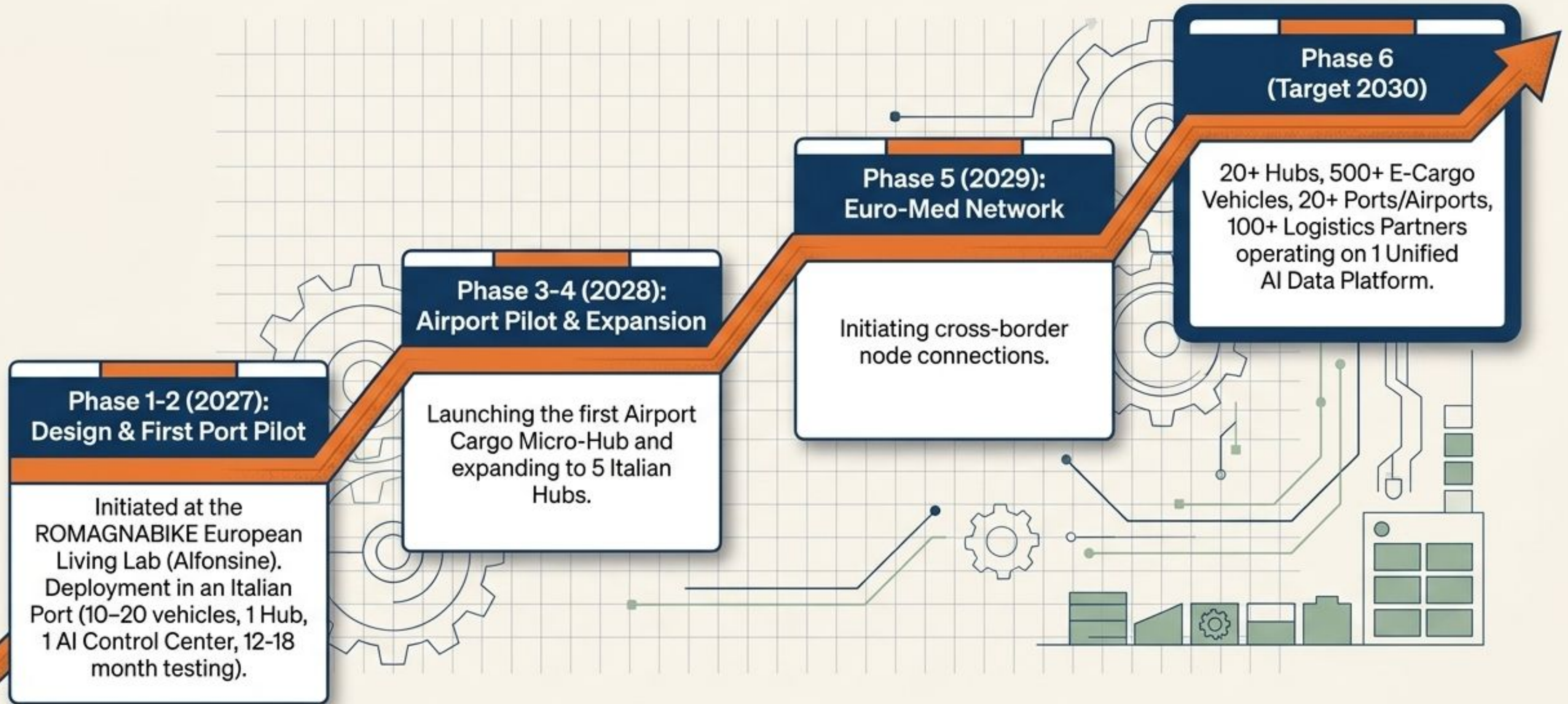


Micro Impact (Cargo Carbon Score)

- Mission #4587 | 34 kg cargo | 7.4 km
- Energy: 1.8 kWh | Local Emissions: 0
- Impact: 2.7 kg CO₂e avoided.

Financial Integration: Verified carbon data directly feeds into project Carbon/Regeneration Funds.

Execution: The 2027–2030 Roadmap



From trucks to smart micro-logistics.
From isolated vehicles to intelligent fleets.
From logistics operators to AI-augmented operators.
From fossil last-mile logistics to regenerative electric mobility.

**GOODS MOVE. AI ORCHESTRATES.
ENERGY FLOWS. DATA CONNECTS.
TERRITORIES REGENERATE.**