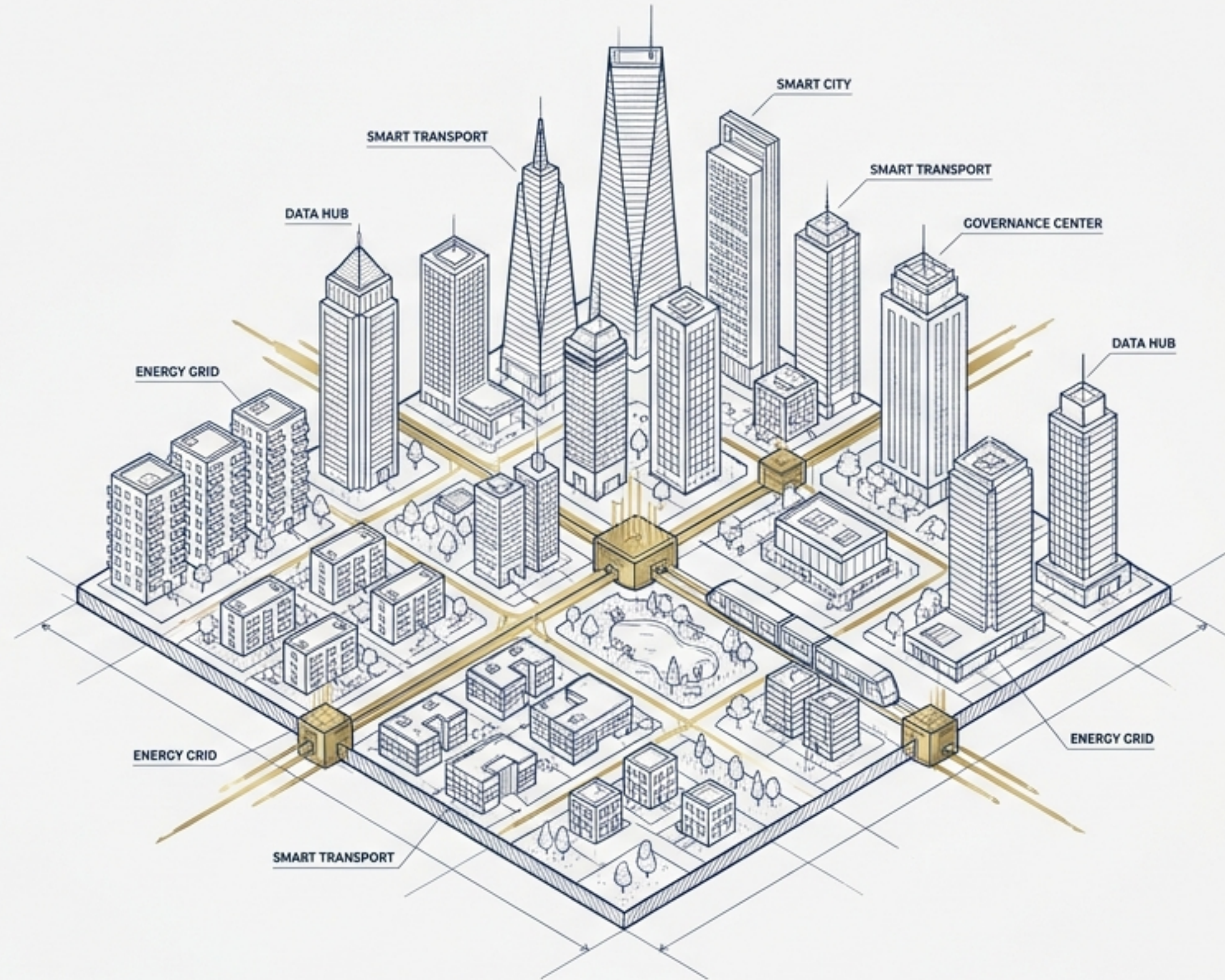


Architecting the Digital Environment

Bridging the Built Environment,
Intelligent Infrastructure, and
Executive Governance.



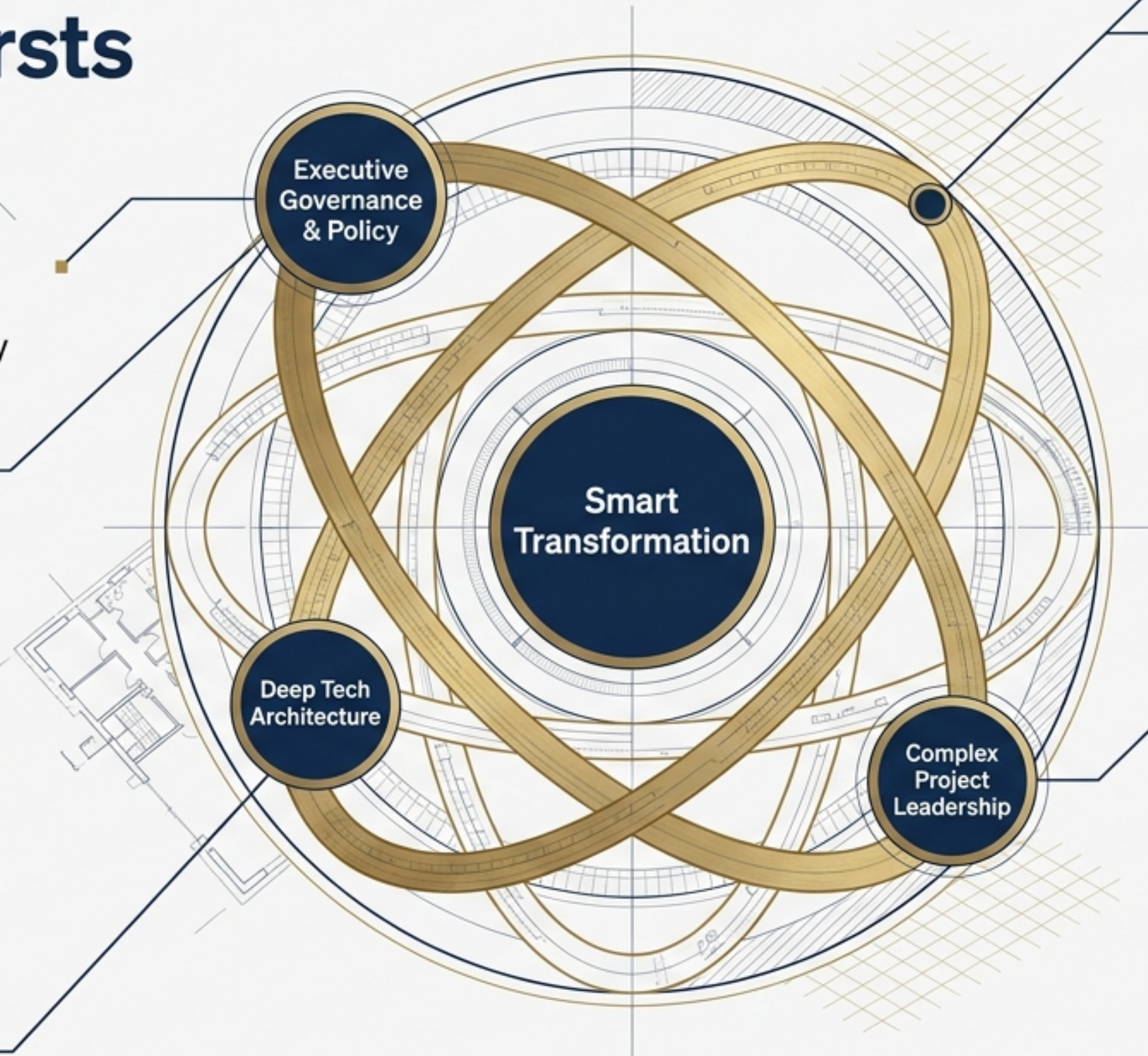
A 30-Year Track Record of Global Firsts

The Catalyst:

Senior Director-level leader bridging visionary technology and actionable government policy.

Tier-One Pedigree:

Former Capgemini Invent Director for Smart Municipal Transformation; Smart City Director for the Royal Commission for AIUla.



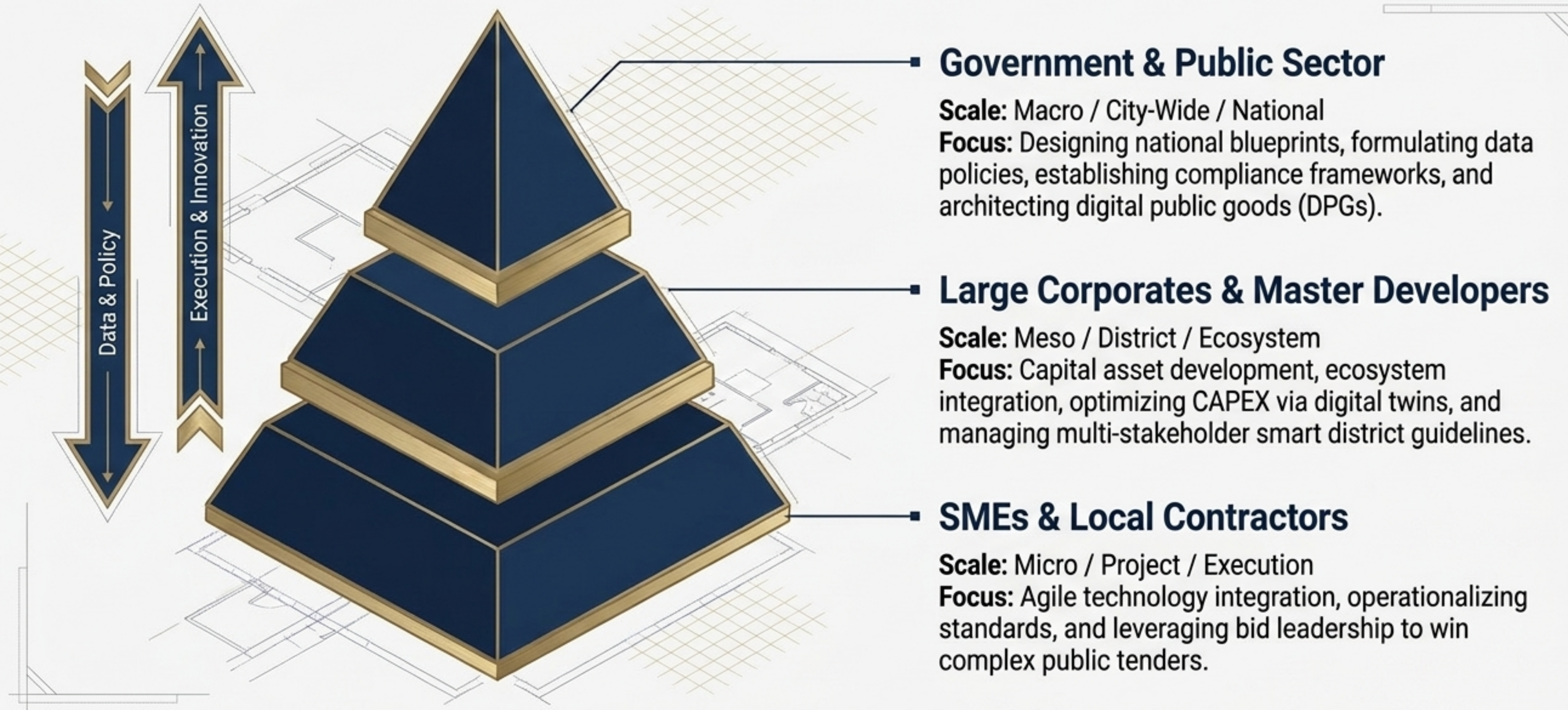
Global Footprint:

Delivered technology architectures and digital blueprints across 22+ countries.
Quadrilingual execution (English, Italian, French, Spanish).

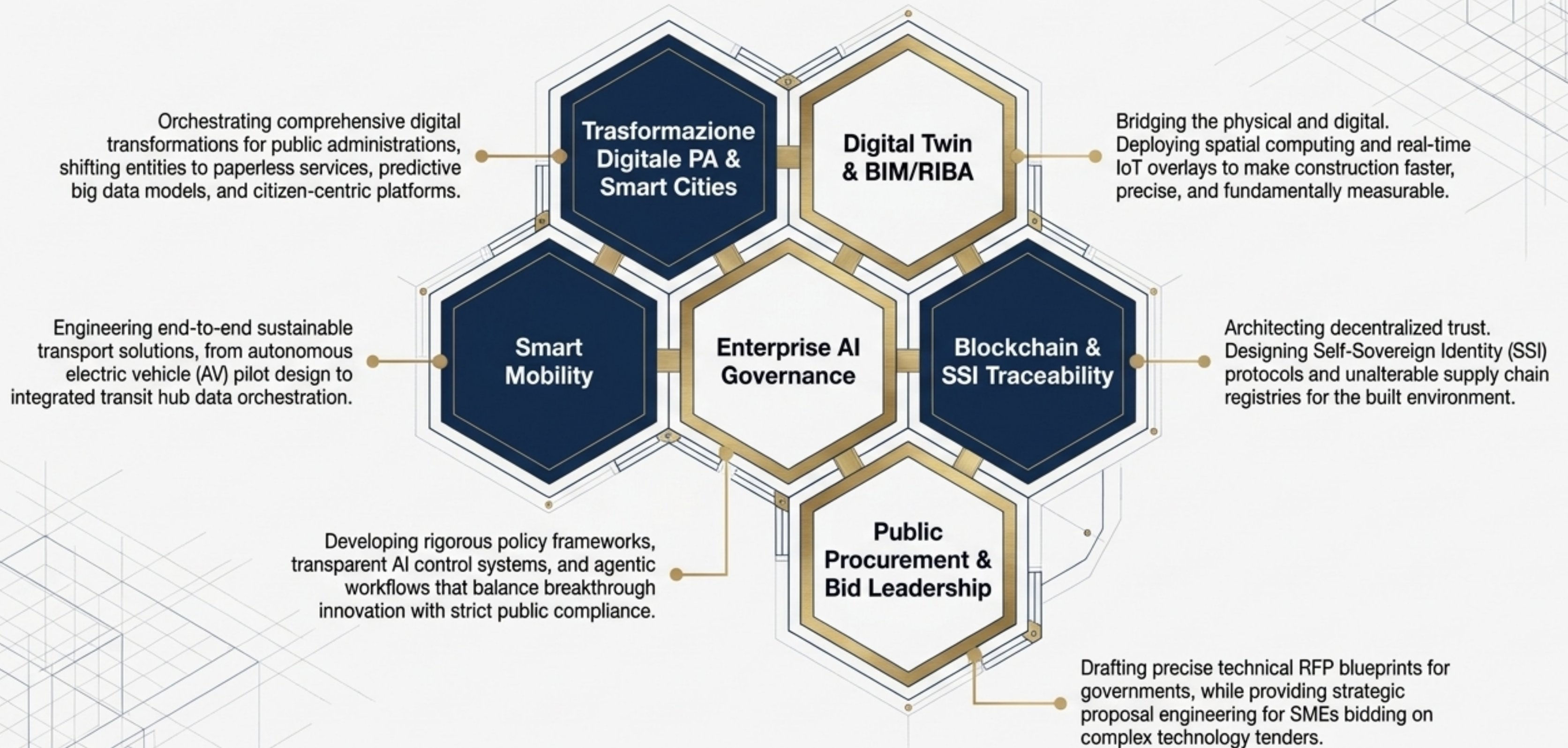
Cross-Disciplinary Mastery:

Fluently translates between policy formulation, software architecture (AI/Web3/IoT), and physical construction frameworks.

Calibrating Strategy to the Scale of the Environment



The Infrastructure Engine: Six Interlocking Core Services



Engineering the Built Environment via Digital Overlay

True smart cities are not built by adding technology after construction; they are engineered digitally from Stage 1.

RIBA Stages 2 & 3 (Concept & Spatial Design):

Injecting Smart City Guidelines and IoT sensor network blueprints directly into the architectural master plan.

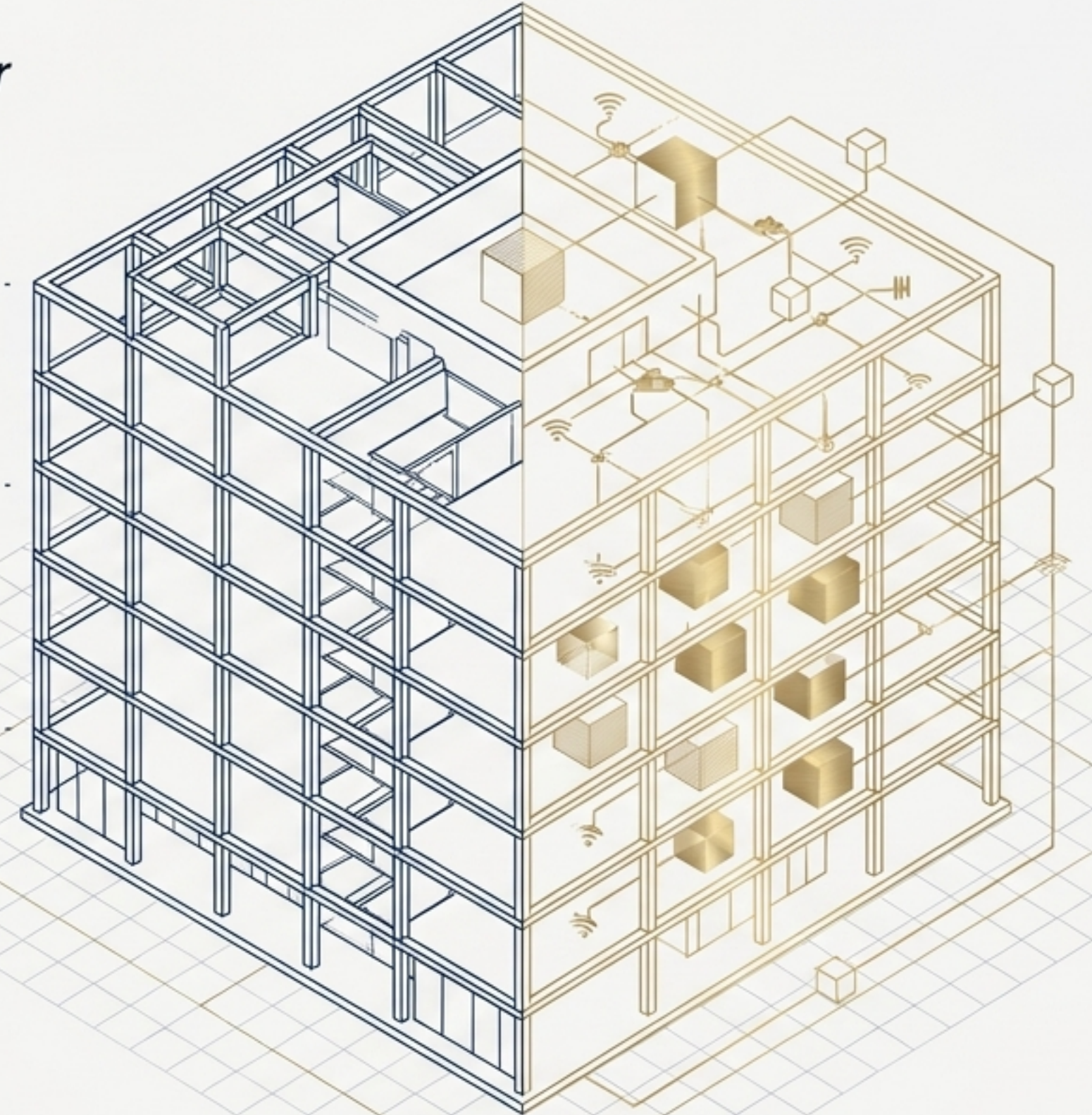
RIBA Stage 4 (Technical Design):

Integrating predictive AI modeling and BIM to simulate energy usage, operational efficiency, and supply chain logistics via blockchain tracking.

RIBA Stage 5 (Manufacturing & Construction):

Deploying real-time Digital Twins to monitor build-phase compliance, automate workflows, and eliminate scope gaps.

Result: A fully operational City Brain handed over at physical completion.



Integrating Capabilities Across the Urban Ecosystem

	Government & Public Sector	Large Corporates & Master Developers	SMEs & Local Contractors
Trasformazione Digitale PA	Write national digital blueprints.	Design smart district architecture.	Upgrade legacy operational systems.
Digital Twin & BIM/RIBA	Establish national BIM standards.	Optimize CAPEX via masterplan simulation.	Execute compliant 3D models.
Smart Mobility	Author 360° regional transit policies.	Integrate autonomous pods into masterplans.	Deploy connected fleet IoT.
Enterprise AI Governance	Formulate ethical AI/Agentic policies.	Build centralized AI control platforms.	Automate back-office administration.
Blockchain & SSI	Architect cross-border identity (SSI) networks.	Tokenize asset and resource registries.	Prove supply chain traceability.
Procurement & Bid Leadership	Define technical RFP grading frameworks.	Evaluate vendor technology stacks.	Lead technical proposal engineering.

The Built Environment: A Global Track Record

The Royal Commission for AIUla (Saudi Arabia)



The Mandate: Smart City Director driving visionary integration for a zero-carbon heritage ecosystem.

The Impact: Delivered AI-powered Digital Twins and launched an **autonomous electric vehicle (AV)** network that successfully transported **over 100,000 local** passengers within its first year.

European Commission (EBSI)



The Mandate: Architect and Governance Lead for the European Blockchain Services Infrastructure.

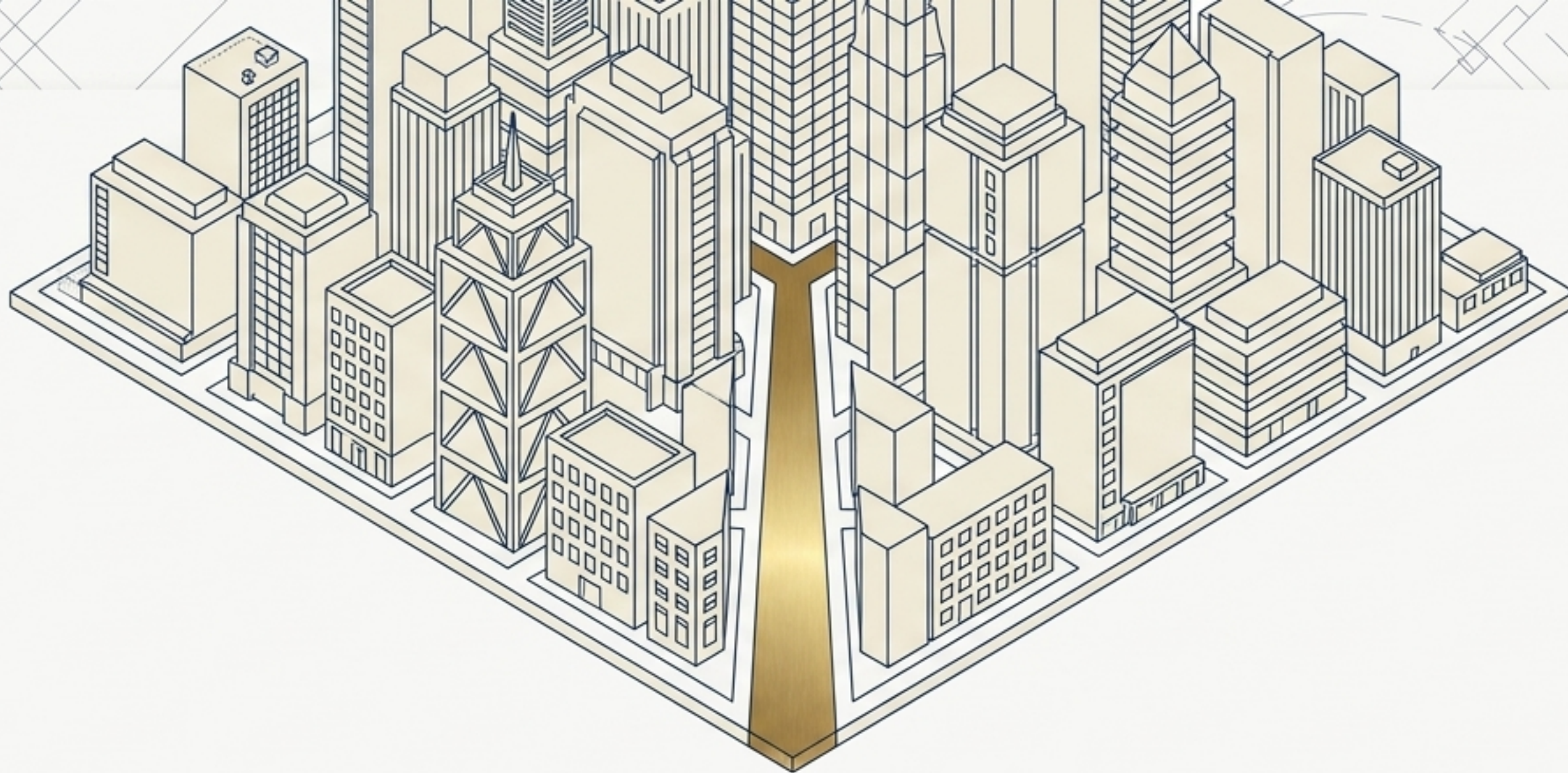
The Impact: Designed the decentralised governance and SSI framework deployed across **14 EU Member States** in just **6 months**—technology subsequently utilized for digital voting in Hungarian elections.

Dubai Smart City Blueprint (UAE)



The Mandate: Principal Smart City & Blockchain Practice Lead advising the Smart Dubai Office.

The Impact: Authored the foundational **AI Blueprint** and **Smart District Technology Guidelines**, enabling the city's transition to paperless government and predictive big data public services.



Ready to Architect Your Digital Future.

Translating the complexity of AI, Blockchain, and IoT into engineered, scalable, and fully governed realities.

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