STORSTHLM GEODATARÅD 50 ÅR

Greater Stokholm Geodata Council

How collaboration promotes the foundational geodata of predective urban planning and GeoAI

Geospatial World Forum 2026

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GWF GEOSPATIAL WORLD FORUM

Who am I?

Geospatial engineer recognized as a Geospatial World Rising Star 2026 and Top GIS Voice on LinkedIn 2024.

Working in the field of geo-information technology in Stockholm, Sweden for almost 10 years.

Interested in photogrammetry, GIS, 3D and GeoAI.

Continuous development and imparting knowledge are some of my driving forces.

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The Greater Stockholm Geodata Council (Storsthlms geodataråd) is a collaborative partnership formed between the 26 municipalities in the Stockholm region and the National Mapping Agency of Sweden

The council acts as a regional hub for coordination, offering a variety of activities that include joint procurements, educational seminars and professional networking

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Our current projects:

Geodata for crisis management, which includes hosting dedicated workshops to improve regional preparedness

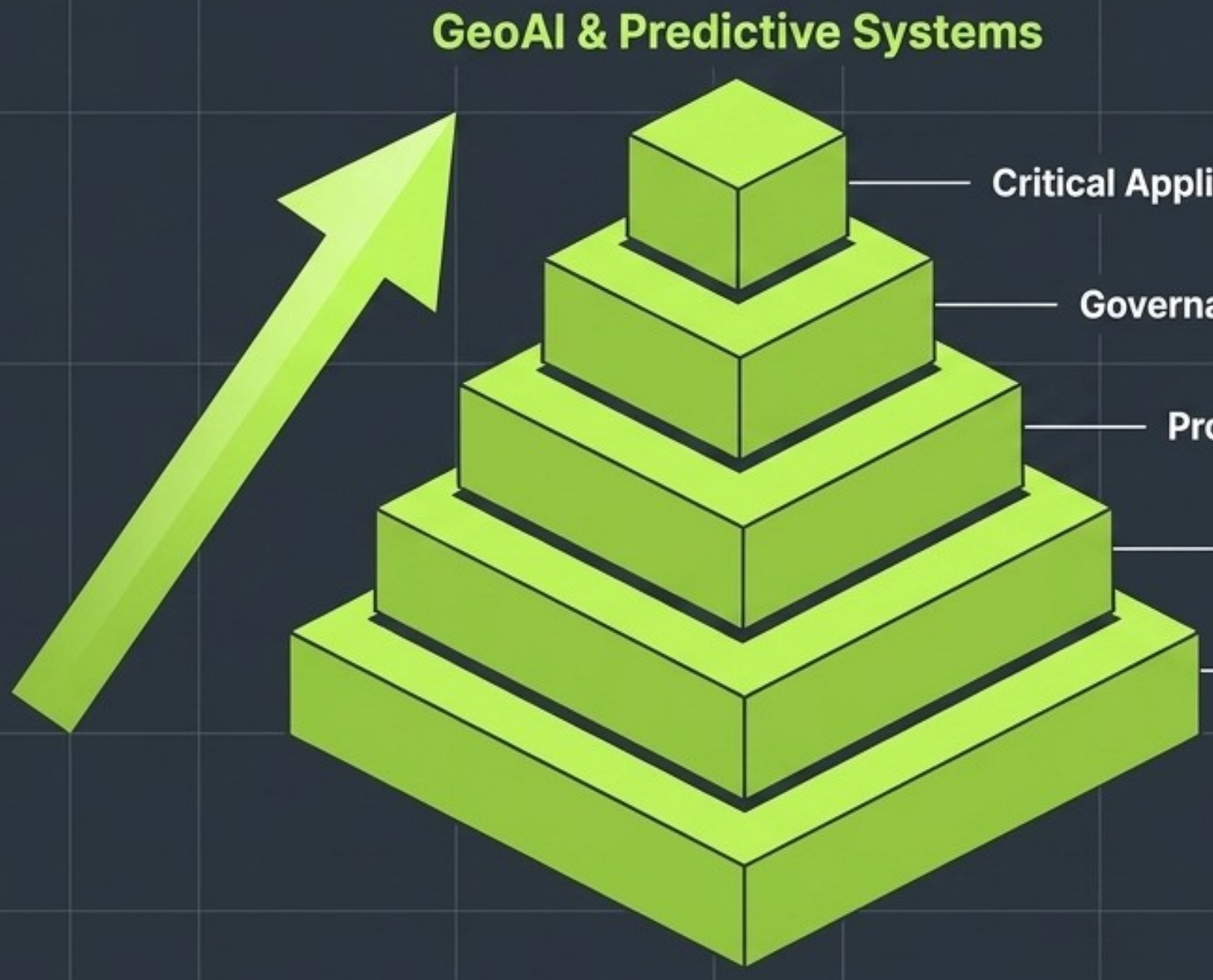
Developing and maintaining a regional geodata strategy

Joint procurement of aerial photography, laser scanning, and mapping services through framework agreements, making it more cost-effective for municipalities to gather vital geographical data

Joint procurement of FME municipal licenses to support data integration.

Training and exchange of experience through professional mapping and surveying networks

The Architecture of AI Readiness



Critical Application: Geodata for Crisis Management.

Governance Blueprint: Regional Geodata Strategy.

Processing Engine: Joint FME Municipal Licenses.

Raw Material: Joint Procurement (Aerial, Laser, Mapping).

Human Capital: Professional Mapping & Surveying (MBK) Networks.

The Greater Stockholm Geodata Council builds the load-bearing infrastructure that makes advanced urban planning possible.

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Layer 1: Human Capital

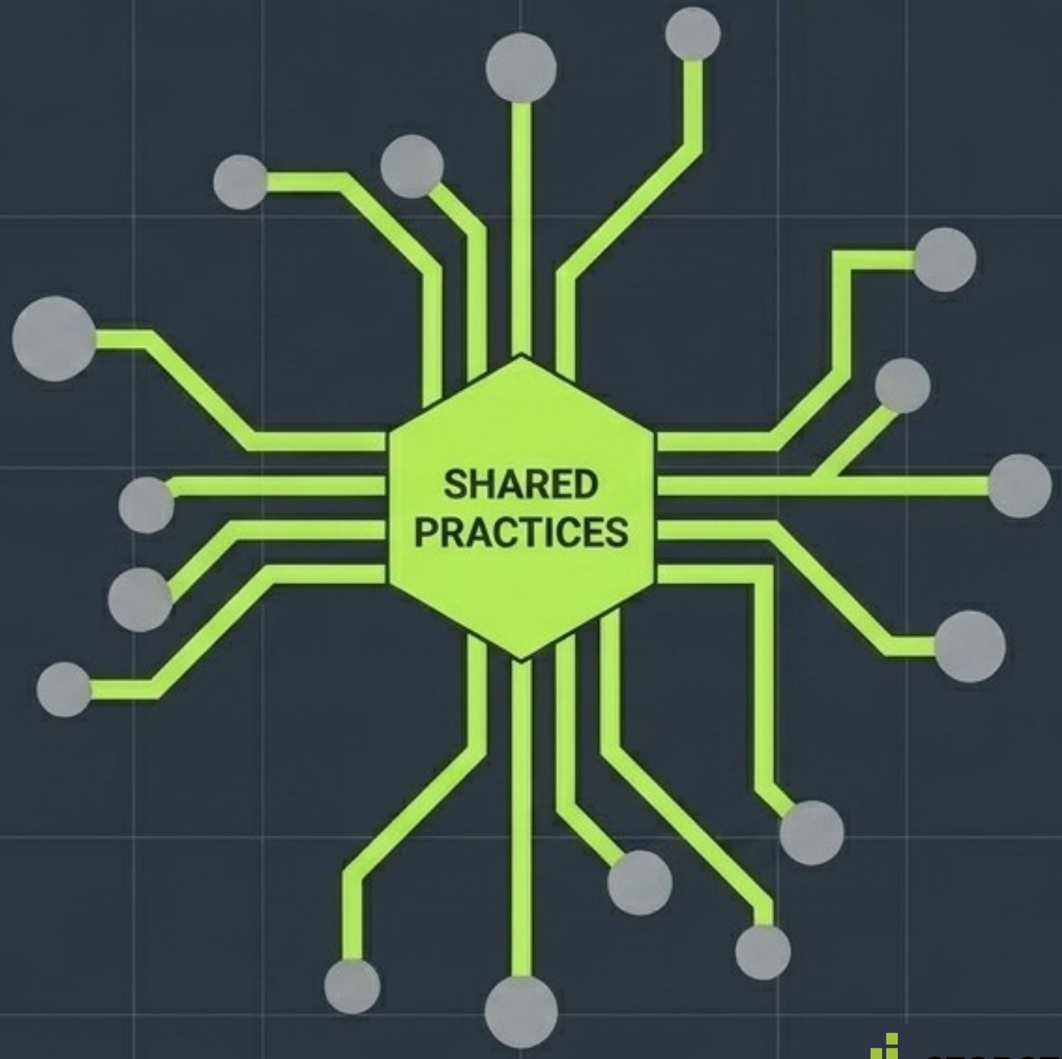
Human alignment precedes system alignment.

The absolute foundation of regional data standardization is trust and shared expertise. Through dedicated professional networks, municipal experts align on methodologies before a single line of code is written.

Key Initiatives:

- MBK-nätverk (Measurement, Calculation, Mapping)
- Specialized regional collaborations: ESPA Norrort, MBK-syd, SöderMät, GIS-samverkan Södertörn.
- Targeted workshops: MBK-träff om grundkarta (base maps), MBK-träff om fastighetsgränser (property boundaries).

Network Effect Diagram



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Layer 2: Raw Material

Securing the raw material for digital twins.

Advanced urban planning requires massive, high-fidelity inputs. The Geodata Council's framework agreements consolidate regional purchasing power to acquire the foundational data points necessary for 3D modeling and predictive analytics.

1

Aerial Photography (Flygfotografering)

Providing the high-resolution visual baseline of the region's physical evolution.

2

Laser Scanning (Laserskanning)

Capturing precise topographical and elevation data to build the geometry of the digital city.

3

Mapping (Kartering)

Translating raw sensor data into structured, actionable municipal base maps.

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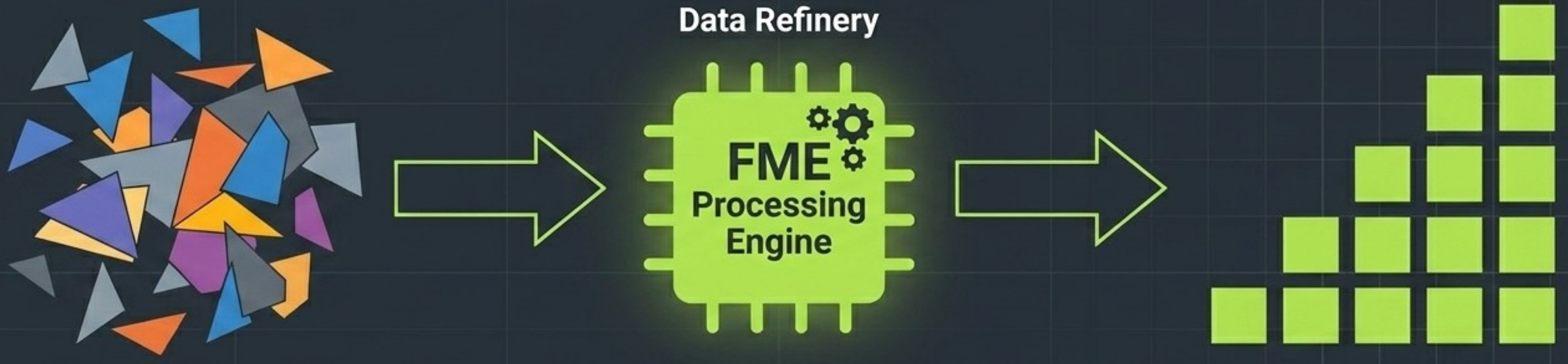
Layer 3: Processing Engine

The automated engine for data interoperability.



Procuring raw data is only half the equation; it must be standardized to be useful.

Through joint procurement of FME (Feature Manipulation Engine) municipal licenses, the Council equips municipalities with the industry-standard spatial ETL tool.

FME automates the translation of hundreds of disparate spatial data formats into a single, unified language, enabling automated data pipelines essential for AI.

Layer 4: Governance

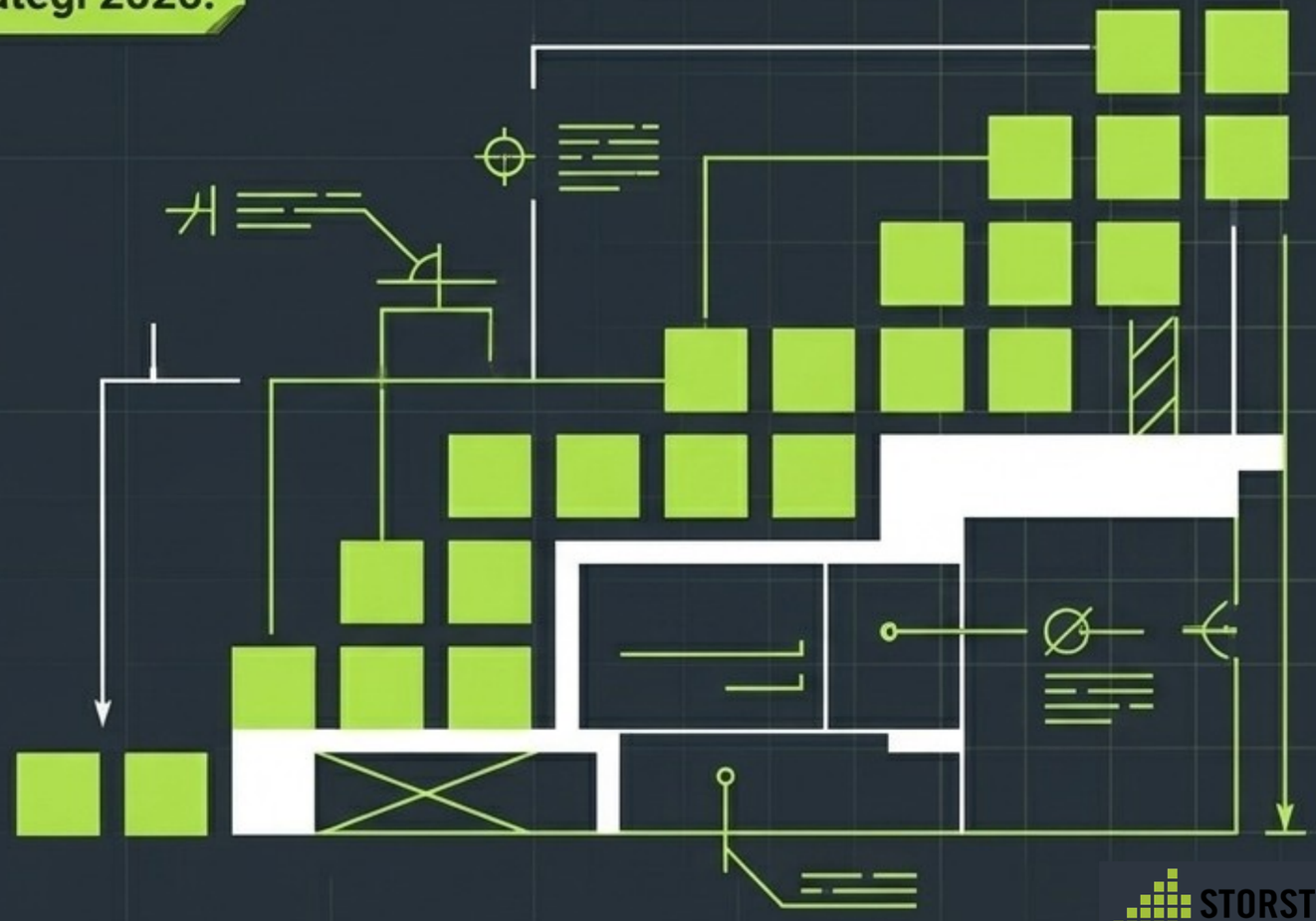
Establishing the unified regional blueprint.

Focus Initiative: Workshop - Regional Geodatastrategi 2026.

A fragmented region cannot deploy effective predictive systems.

The Regional Geodata Strategy defines the exact technical standards, data quality requirements, and operational protocols required across Greater Stockholm.

It acts as the definitive source code ensuring that when AI asks a regional question, the underlying data provides a coherent, standardized answer.



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Layer 5: Critical Application

Stress-testing the infrastructure through crisis response.

Focus Initiative: Workshop - Geodata i krisberedskap 2026

Insight: Floods, extreme weather, and infrastructure failures do not stop at municipal borders.

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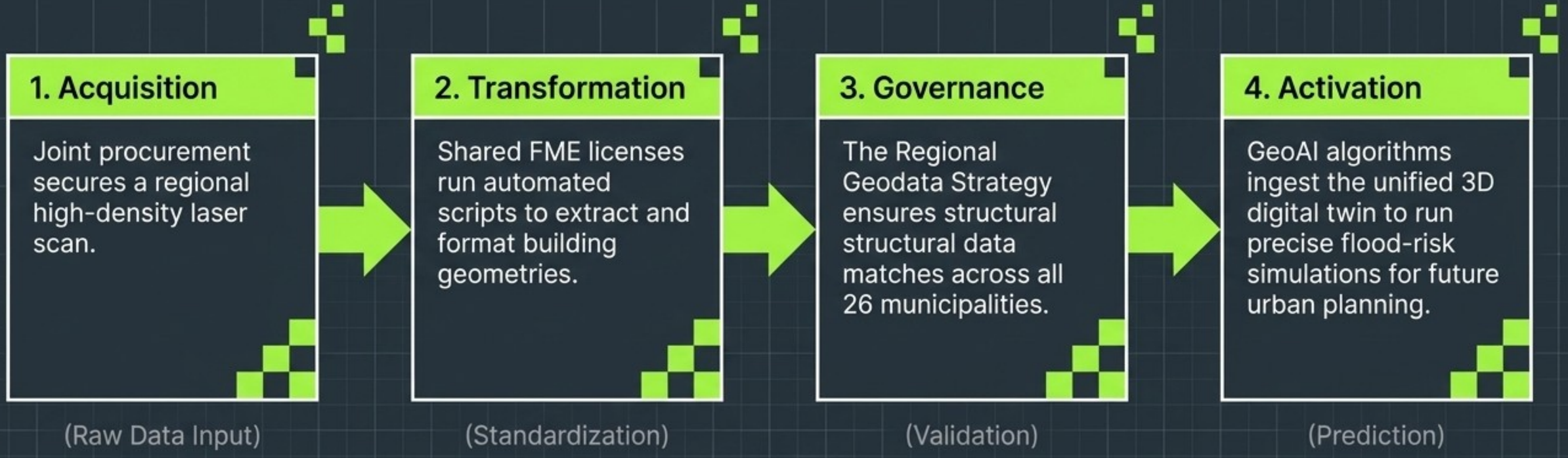
Activating predictive systems through structured data.



A unified foundation for tomorrow's region.

Predictive urban planning relies on a unified data reality. Through deliberate collaboration, the Greater Stockholm Geodata Council ensures every municipality has the foundational infrastructure **to build smarter, safer, and highly resilient communities**.

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Thank you!

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