



scenexus

empowering cities to thrive

Cities are growing

Leading to the same challenges everywhere:

Urbanization

Ageing population

Scarcity of space

Liveability

Noise & Air pollution

Decarbonization

Reliable & affordable energy

Traffic, mobility and accessibility

Climate resilience

Housing scarcity

Disaster preparedness

Resilience

And legacy solutions can't keep up!



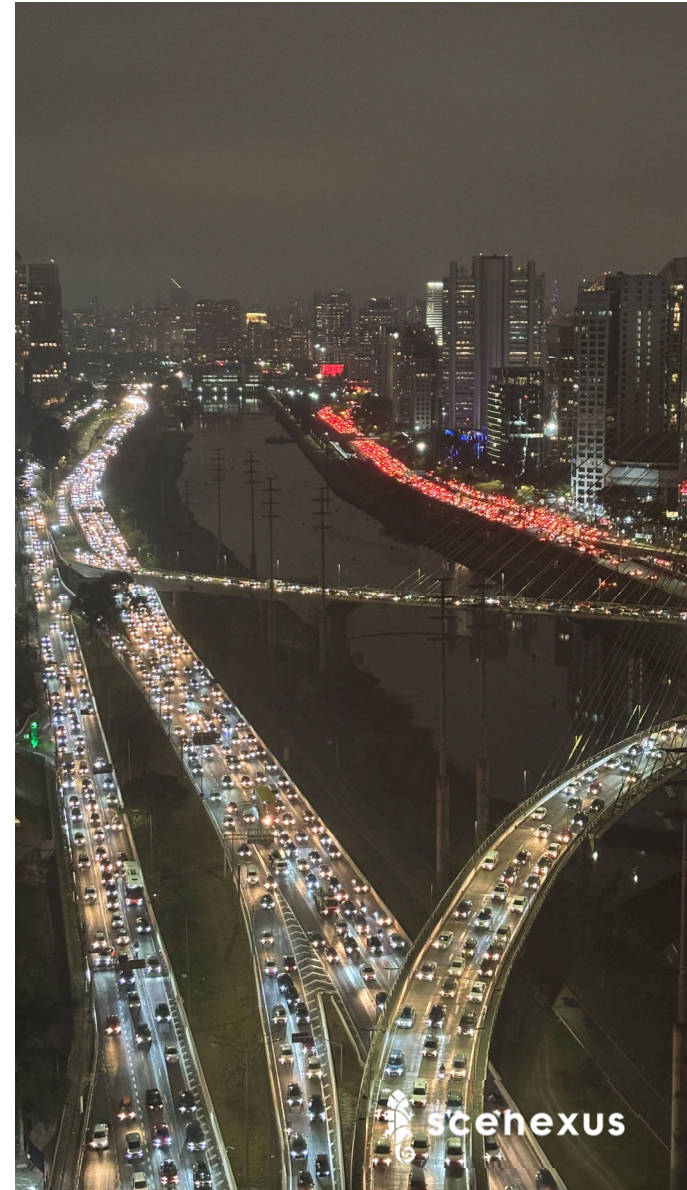
Time to act is now

2050:

70% of all future population growth is projected to occur in cities

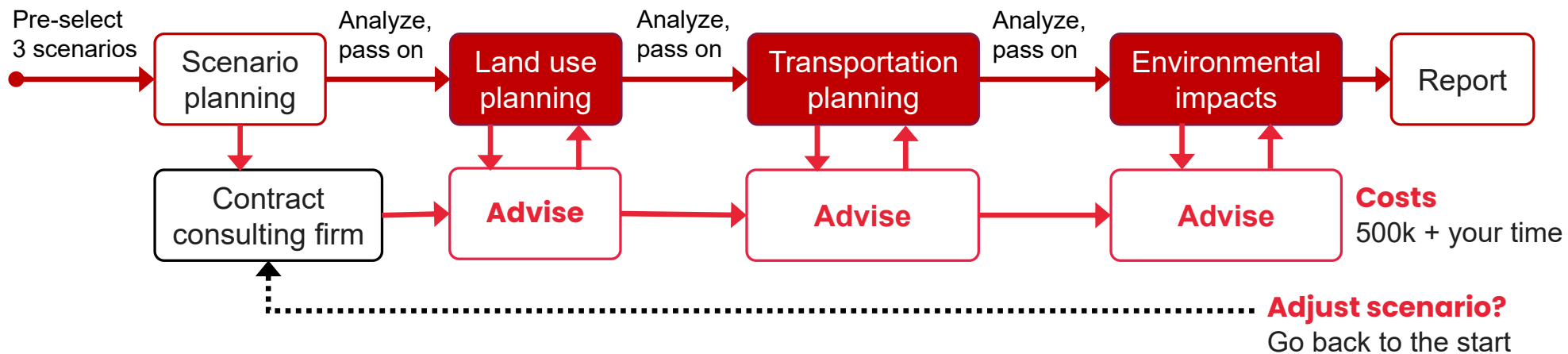
Cities need better planning now
to secure

- accessibility,
 - healthy living environments,
 - resilience and to
- thrive sustainably**



Standard Approach

Current planning cycle

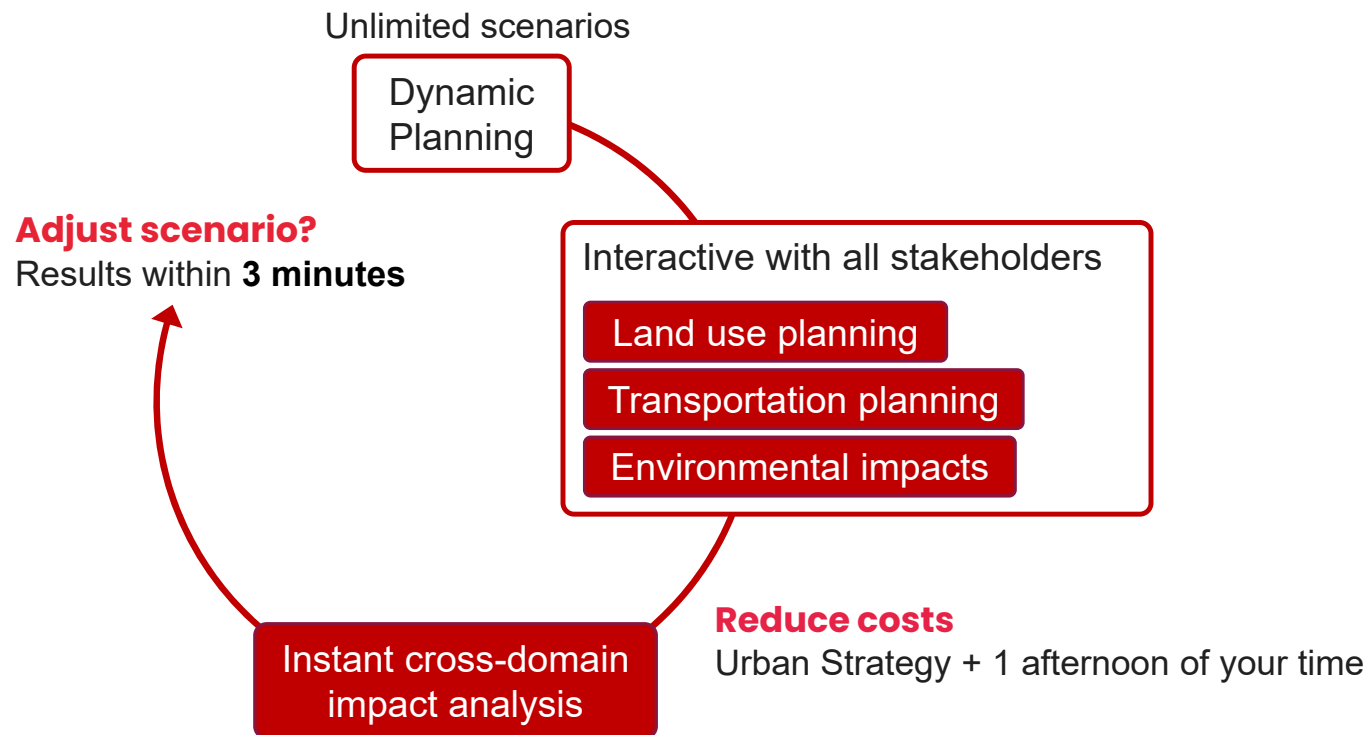


General Project Timelines

Months to Years

Using Urban Strategy

Better & Faster decision-making



90%

resource savings

\$Ms

first time right

1000

X faster



scenarios

Urban Strategy

Comprehensive, Ultra-Fast & Interactive



Interactive planning, optimization & monitoring



Urban Strategy

Comprehensive: Multi-Domain



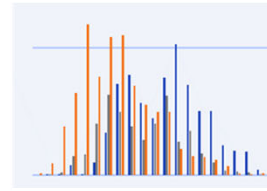
Spatial Planning



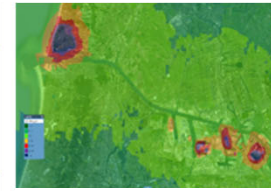
Mobility



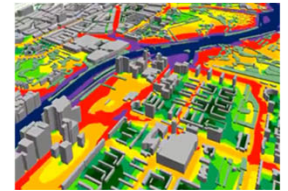
Walking & Cycling



Accessibility



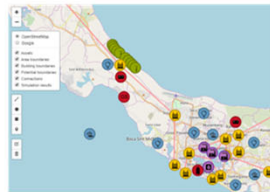
Air quality



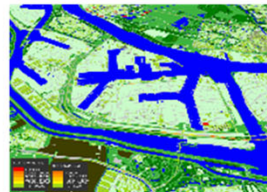
Noise



Electrification



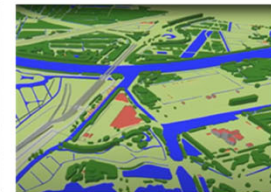
Energy



CO₂ | GHG



Resilience



Spatial impact

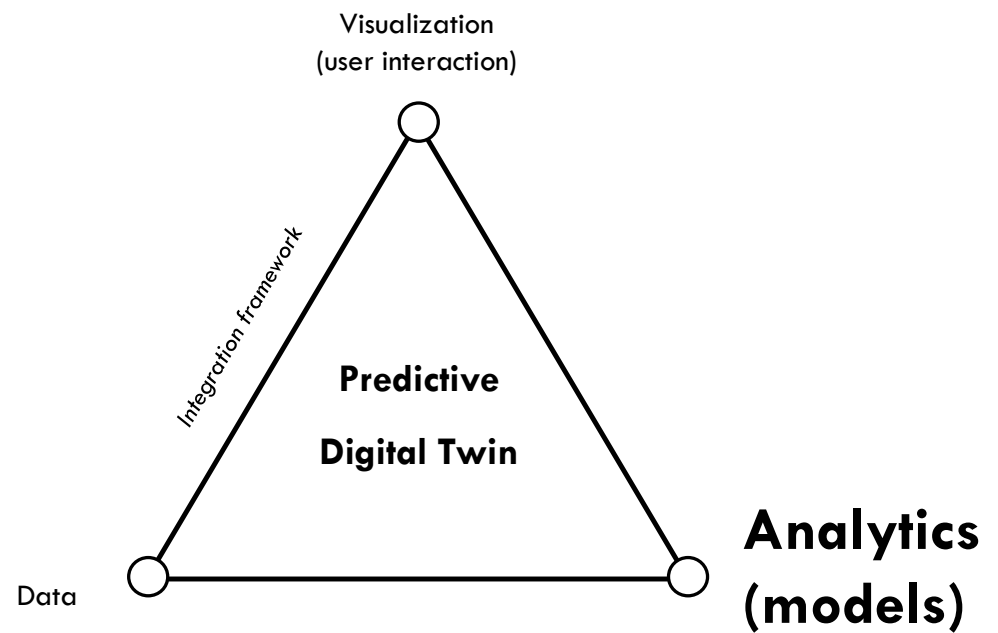


Well-being



Digital Twins

insight in complexity



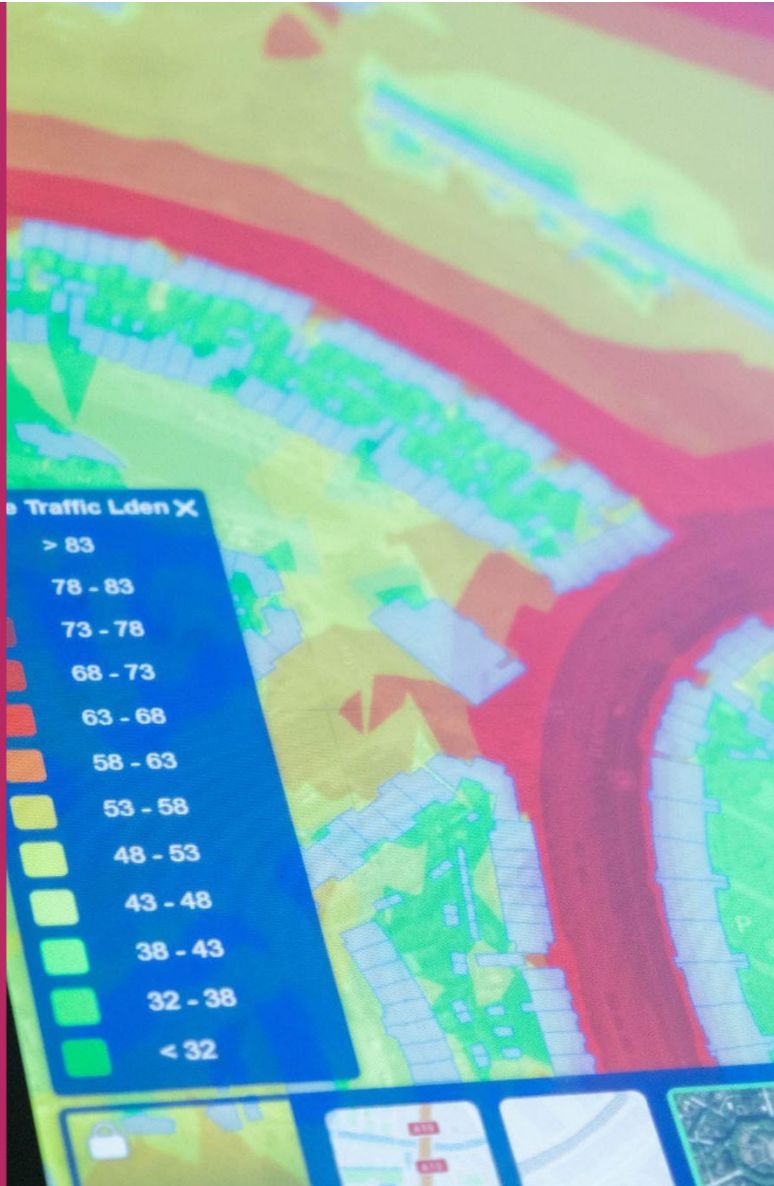
20 years of research – now scaling

Trade secrets developed over **20 years of research** at TNO (a globally recognized research institute).

Unique technology provides **unmatched speed** by extreme parallelization, using GPU technology.

Going beyond basic **data aggregation** to truly drive urban dynamics

Scalable SaaS solution, **globally scalable**.



Scenexus

disruptive technology proven in action

Holistic Data Integration: "Break down data silos and connect all city data in one platform."

Predictive Scenario Planning: "Test 'what-if' scenarios and optimize infrastructure investments."

Ultra Fast & Unique: "1000x faster than legacy systems"

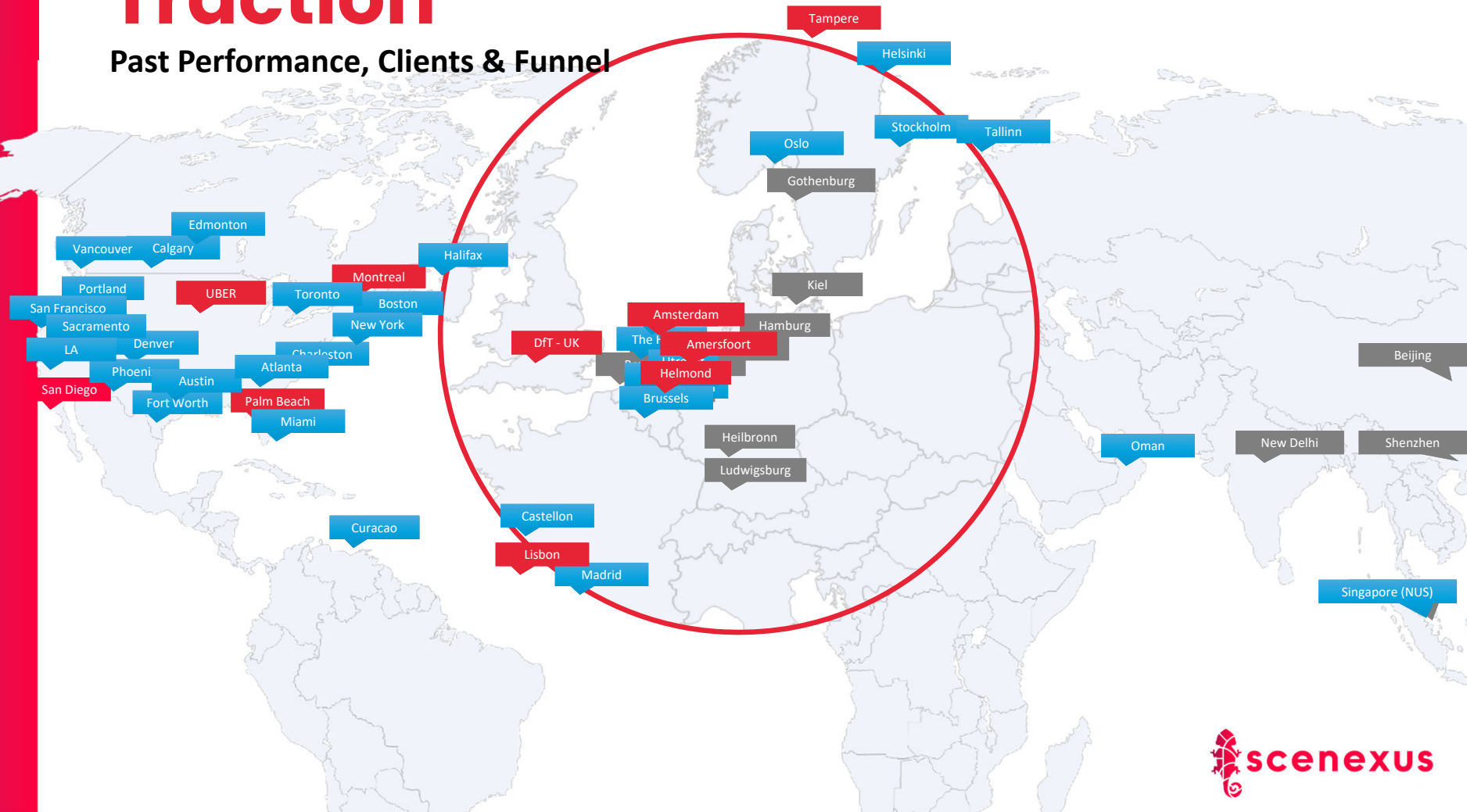
Collaborative Platform: "Streamline decision-making across departments and stakeholders."

Disrupting: "Winning Against Market Leaders"

Traction

Past Performance, Clients & Funnel

TNO Past Performance
Scenexus Clients
Engaging



Montreal

Collaboration Esri – Scenexus - Microsoft





Thank you!

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