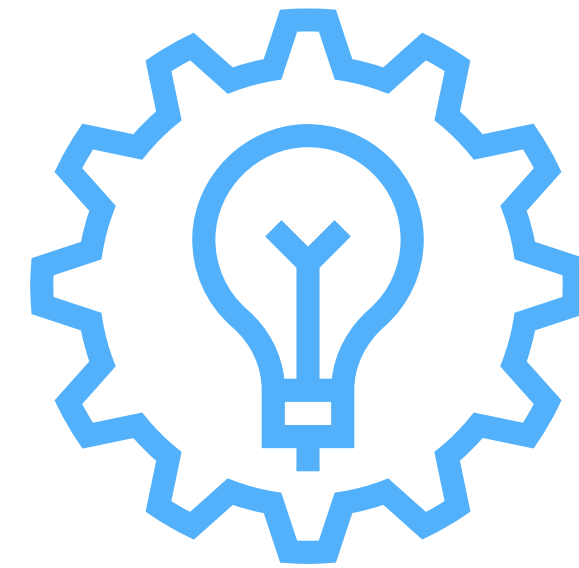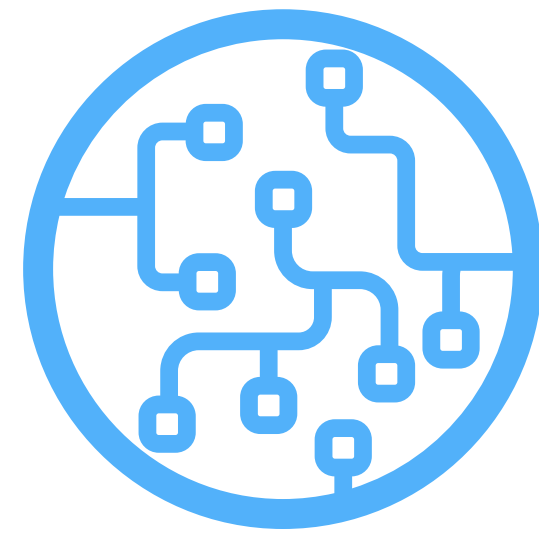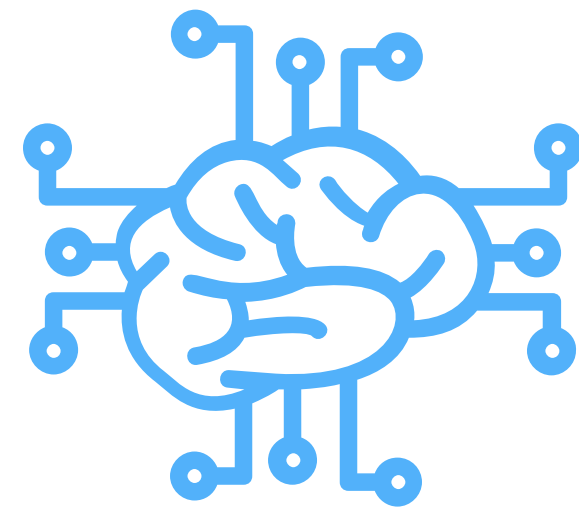# Embracing the Intelligent City Model
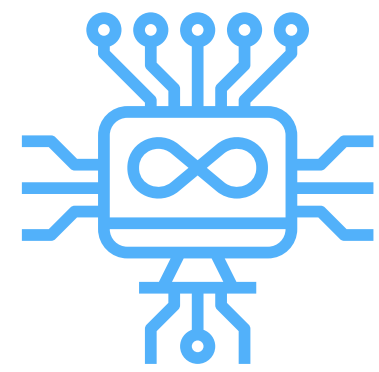
A How To Guide for Small to Mid-Size Cities

Communities that promote decision-making through the use of open innovation, e-participation, and co-design to improve the collective intelligence of the city's institutions.
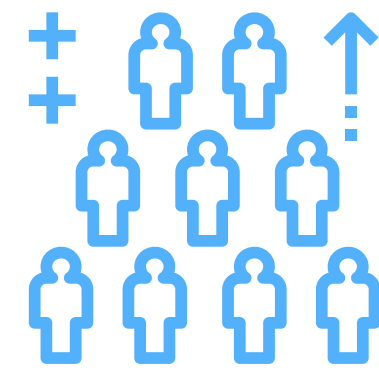
Communities that make more efficient use of physical infrastructure through artificial intelligence and data analytics to support economic, social, and cultural development.

Communities that learn, adapt and innovate and thereby respond promptly and more effectively to changing circumstances by improving the intelligence of the city.
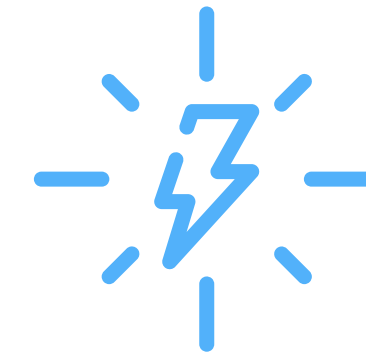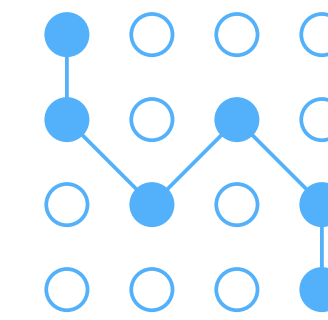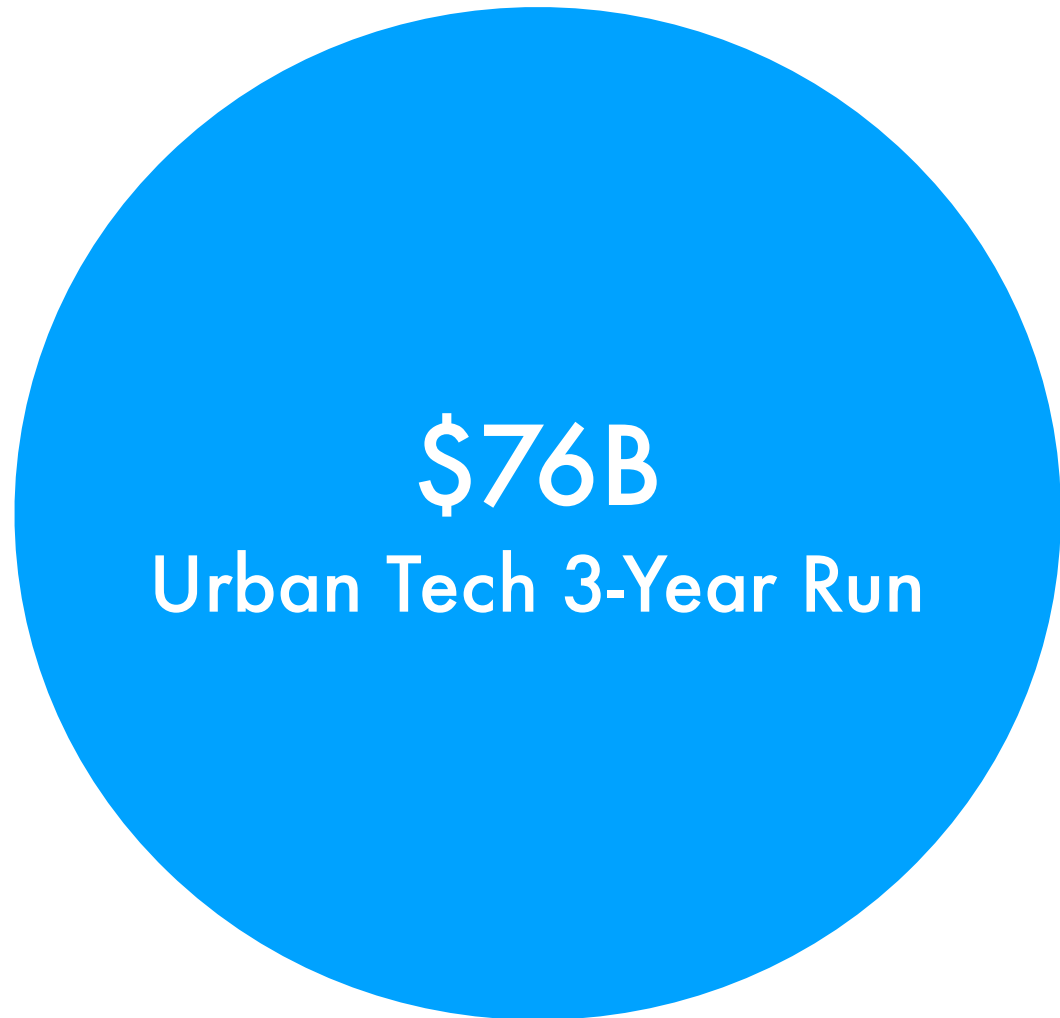
Technology

Human

Institutional

Energy

Data

$76B
Urban Tech 3-Year Run

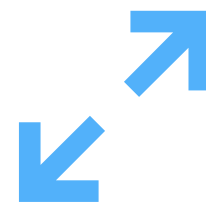## 17% of Global Venture Capital Investment

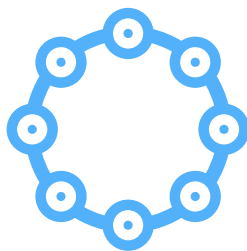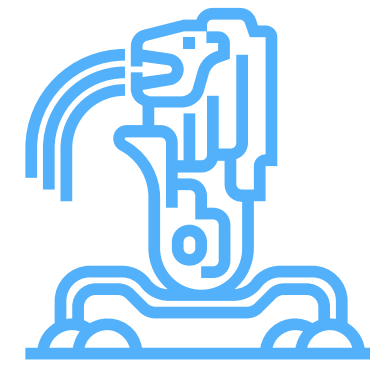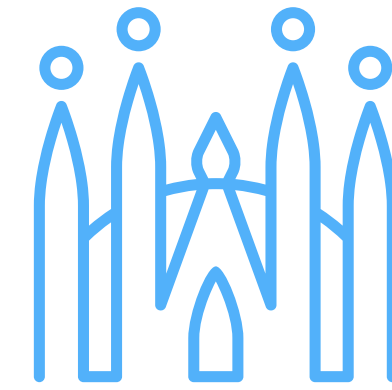More than Pharma/Biotech and AI combined in 2017.
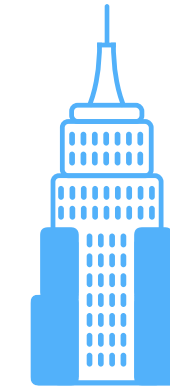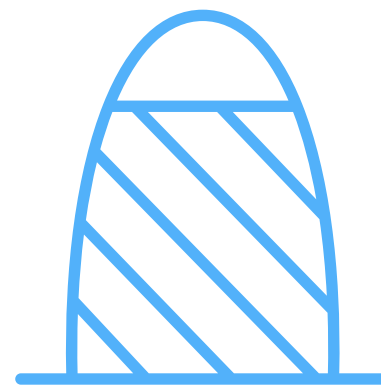
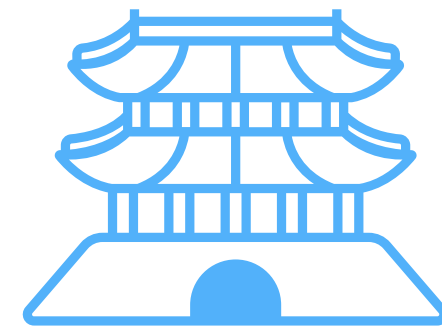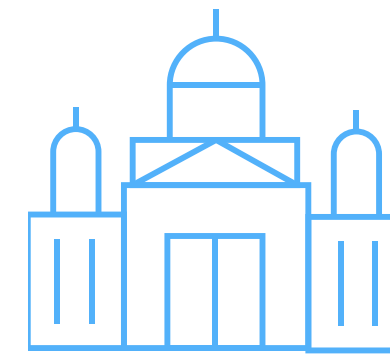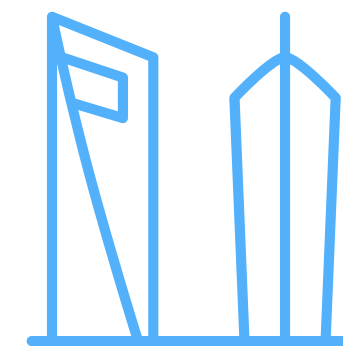Affordable   Accessible   Scalable   Interoperative

Dubai

Hong Kong

Singapore

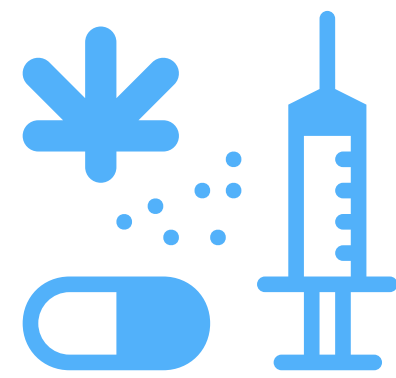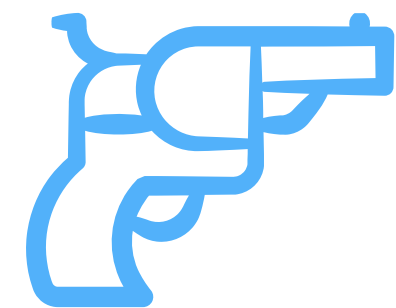Barcelona

New York City

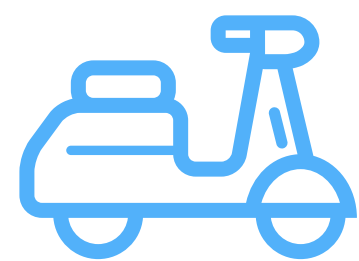London

Seoul

Helsinki

Shanghai

Boston

Opioid Crisis

Robots are being used to collect 24 hours' worth of wastewater from sampling areas and sharing findings with the healthcare community.

Gun Violence

Sensors spread across the community - listening for gunshots. When a noise is picked up, and interpreted to be gunfire, a notification is sent to police and a drone is deployed to gather evidence.
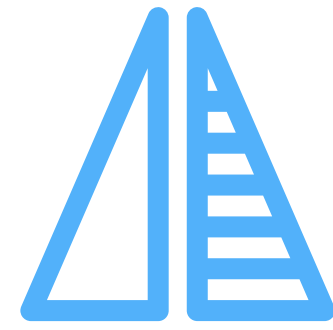
Accessibility

Ride-sharing companies are working with local governments to provide on-demand transportation services to those in need - promoting better healthcare and less waiting time.

How to Do It And Succeed

Simple and Clear Steps

Reflect

Research

Design

Build

Evolve

Instinctual Wants
vs.
Data Evidence
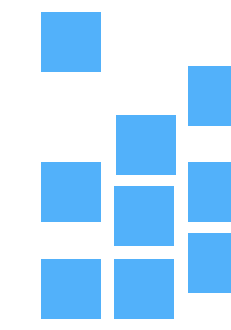
Trusted
Partners
(ICMA)
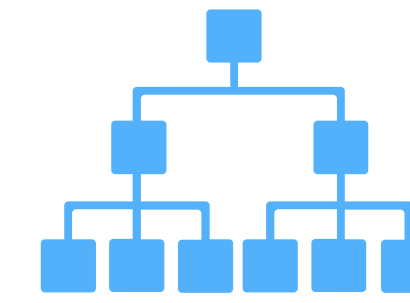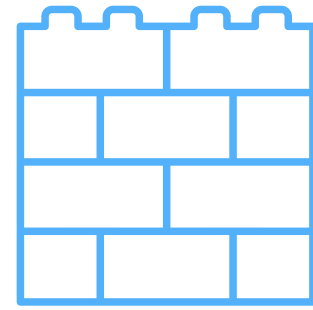
Interactive
Model
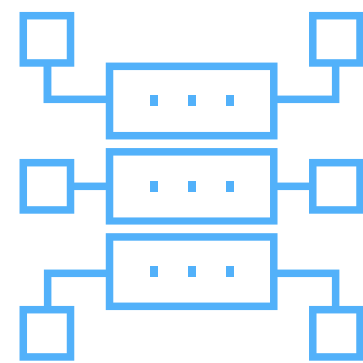(i.e Public/Private)

Block
By
Block

Open Data
To
Live Data Points
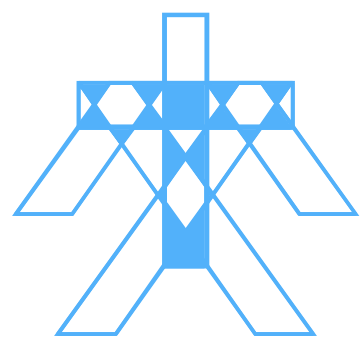
Lego Blocks Stack

Leverage open frameworks - stay away from custom and costly solutions - ability to connect and disconnect new modules or platforms on the fly.

Data Science

Data should be live and accessible via API - procure an out of the box data warehouse solution - hire an independent data scientist via UpWork (low cost).
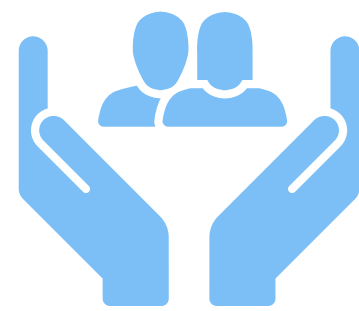
Human Centered Design

Understand your customers, immerse yourself in their day to day. HCD uses three simple phases: 1. Inspiration, 2. Ideation and 3. Implementation. Use someone like ideo.org to learn.

Sneak Peek: DataSphere

Arriving 2019
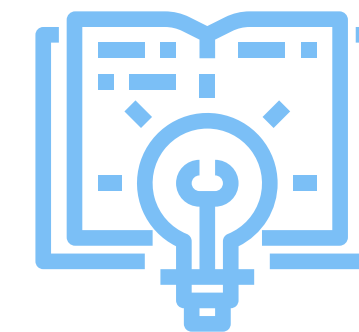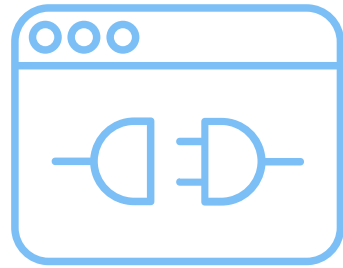
Safety

Climate

Mobility

Energy

Performance

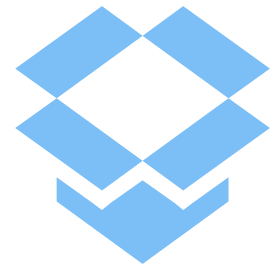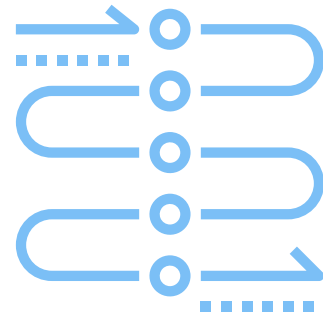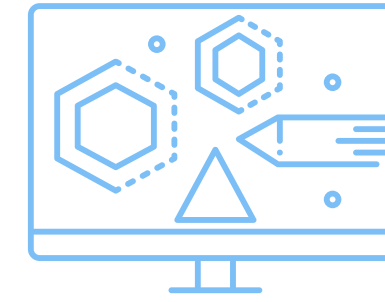Logistics

Urban Development

Transit

Education

Finance

API

Open

Dynamic

Secure

Visual

Thank You.

Text Keyword "CITY" to 555-888 to receive a copy.