

bike²⁰⁵⁰

Adelaide Lord Mayor²⁰¹⁰

Urban Planning¹⁹⁹²

Adelaide VeloCity²⁰¹⁴

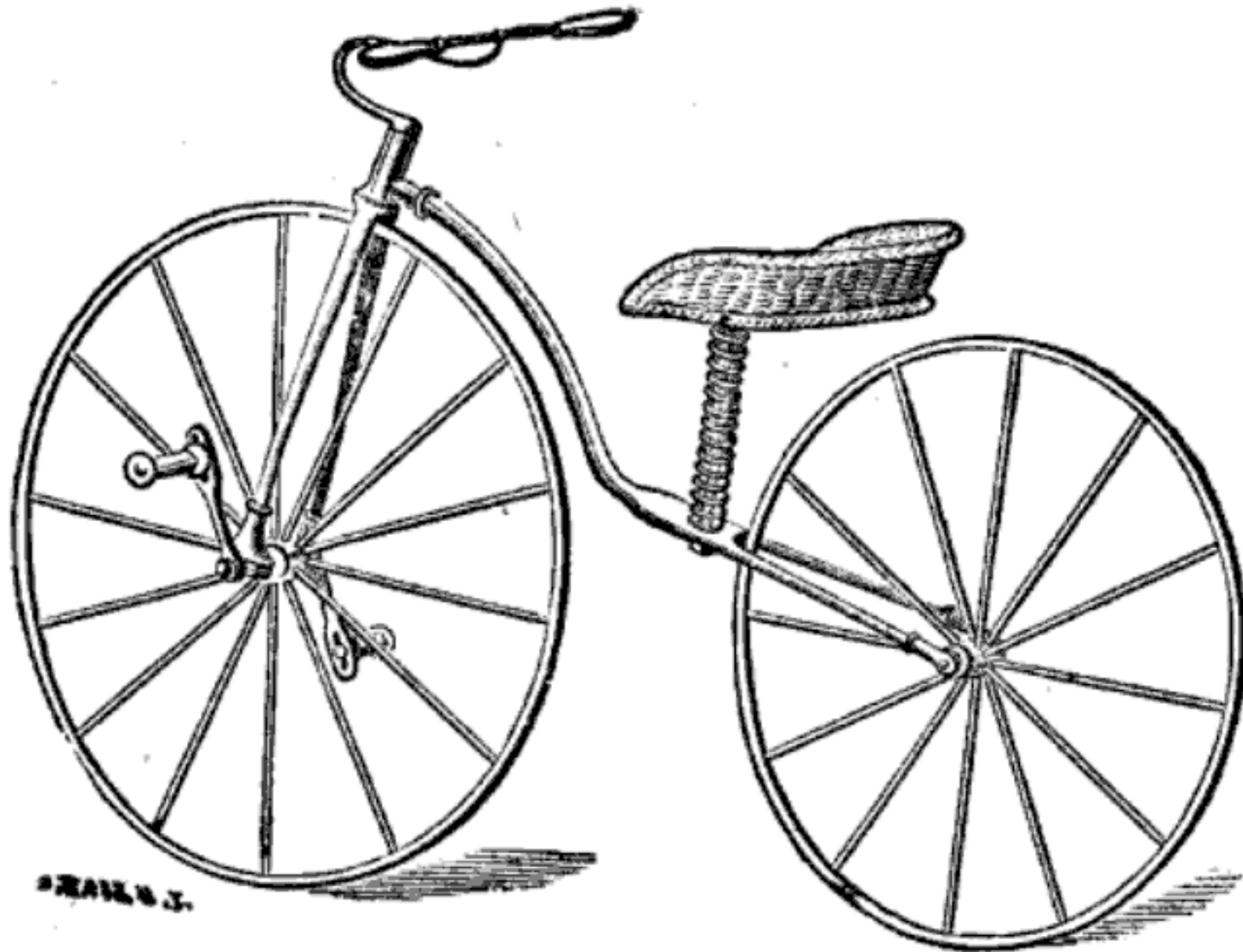
Adelaide Lord Mayor2014

city²⁰⁵⁰

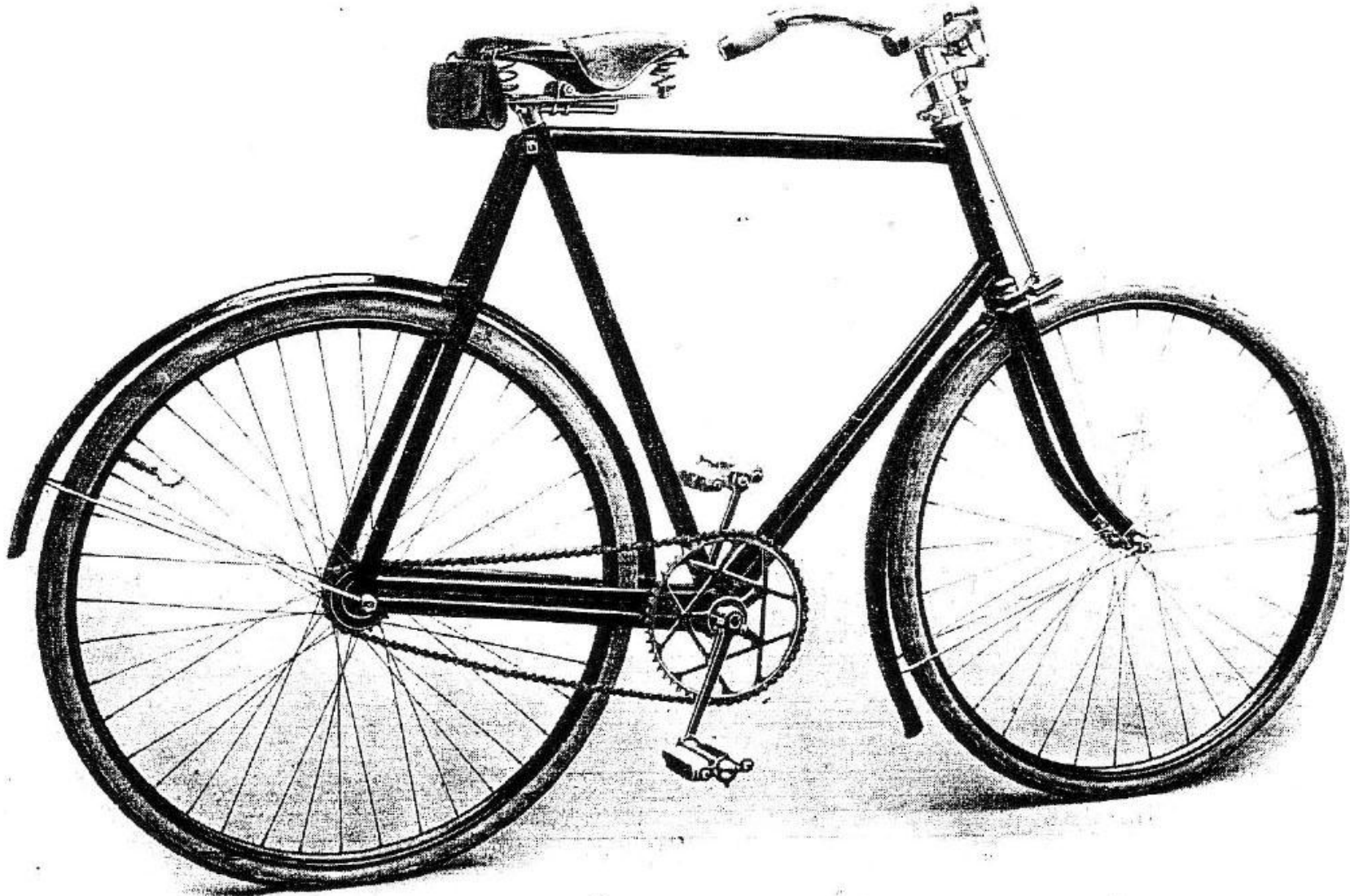
@StephenYarwood
Urban Futurist

bike²⁰⁵⁰

bike¹⁸¹⁷



bike1900



bike¹⁹⁷⁰



bike2015



bike²⁰¹⁵



car²⁰¹⁵



bike²⁰¹⁵



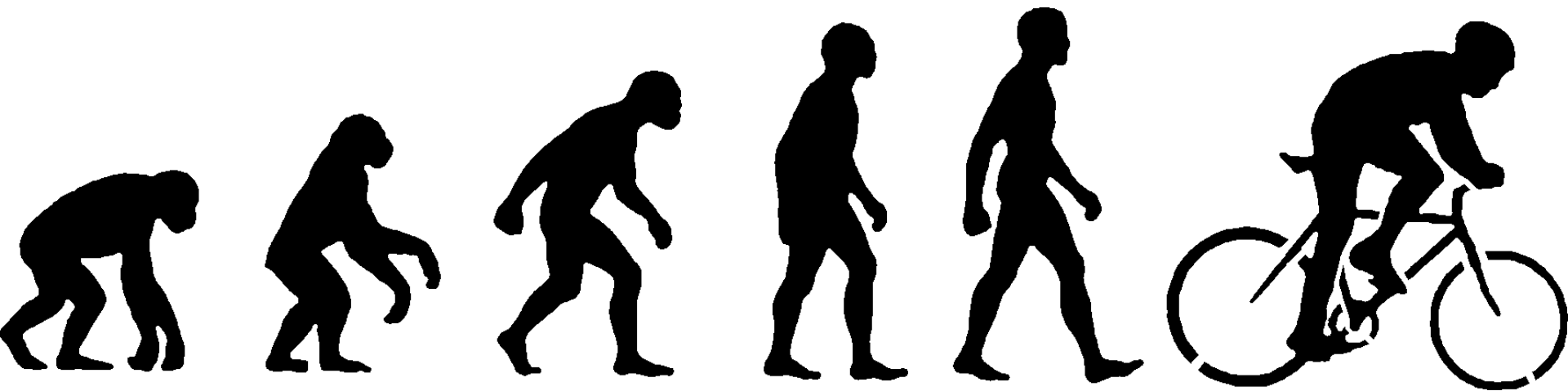
bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰⁵⁰



bike²⁰¹⁵



The Original Triad 750
Heavy Duty Suspension Fork
Standard Universal Seat



bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰¹⁵



bike²⁰¹⁵

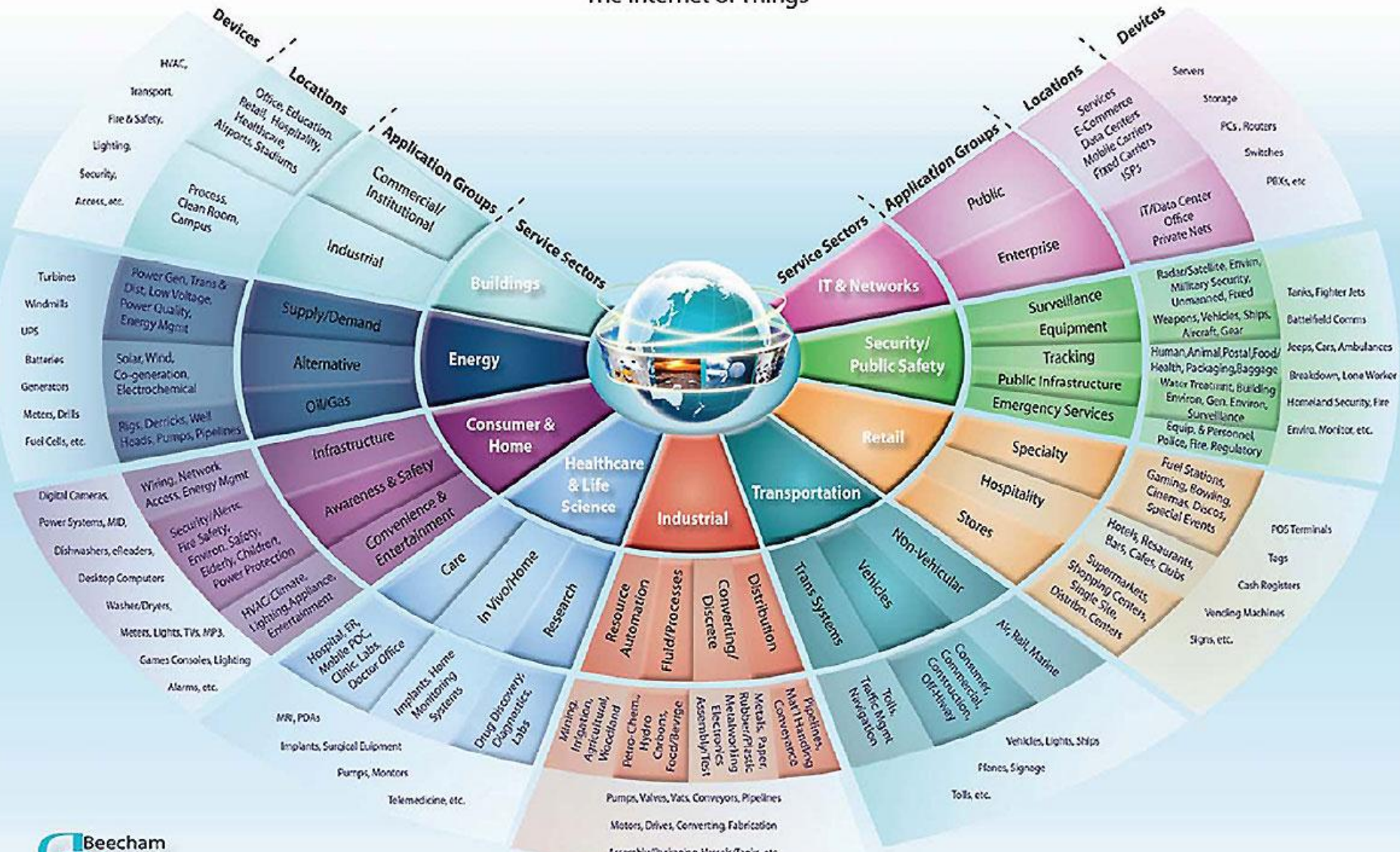


so.much.tech²⁰¹⁵



so.many.changes²⁰⁵⁰

The Internet of Things





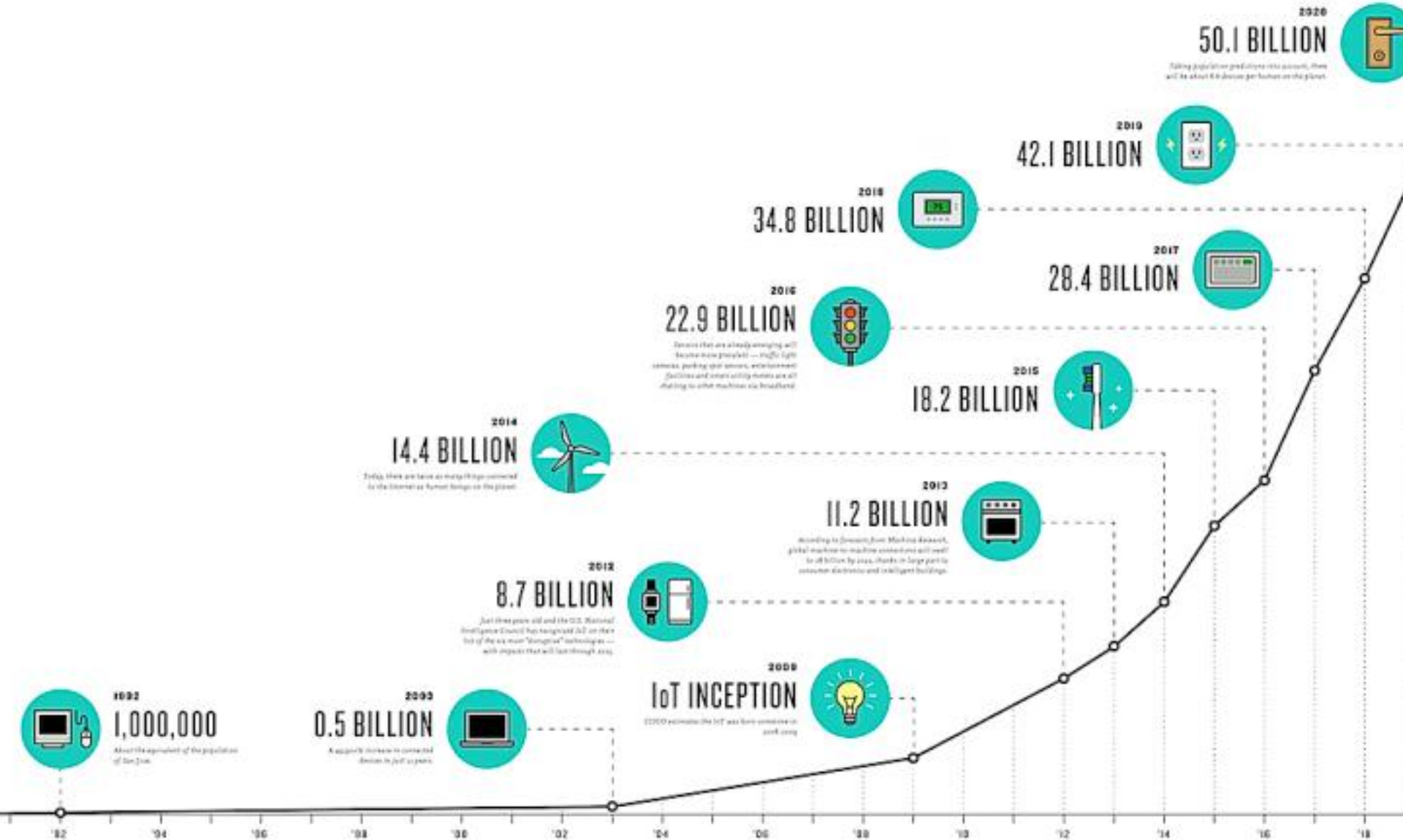
smart cities²⁰³⁵

Cities will spend
\$41 trillion

in the next 20 years on infrastructure upgrades for IoT



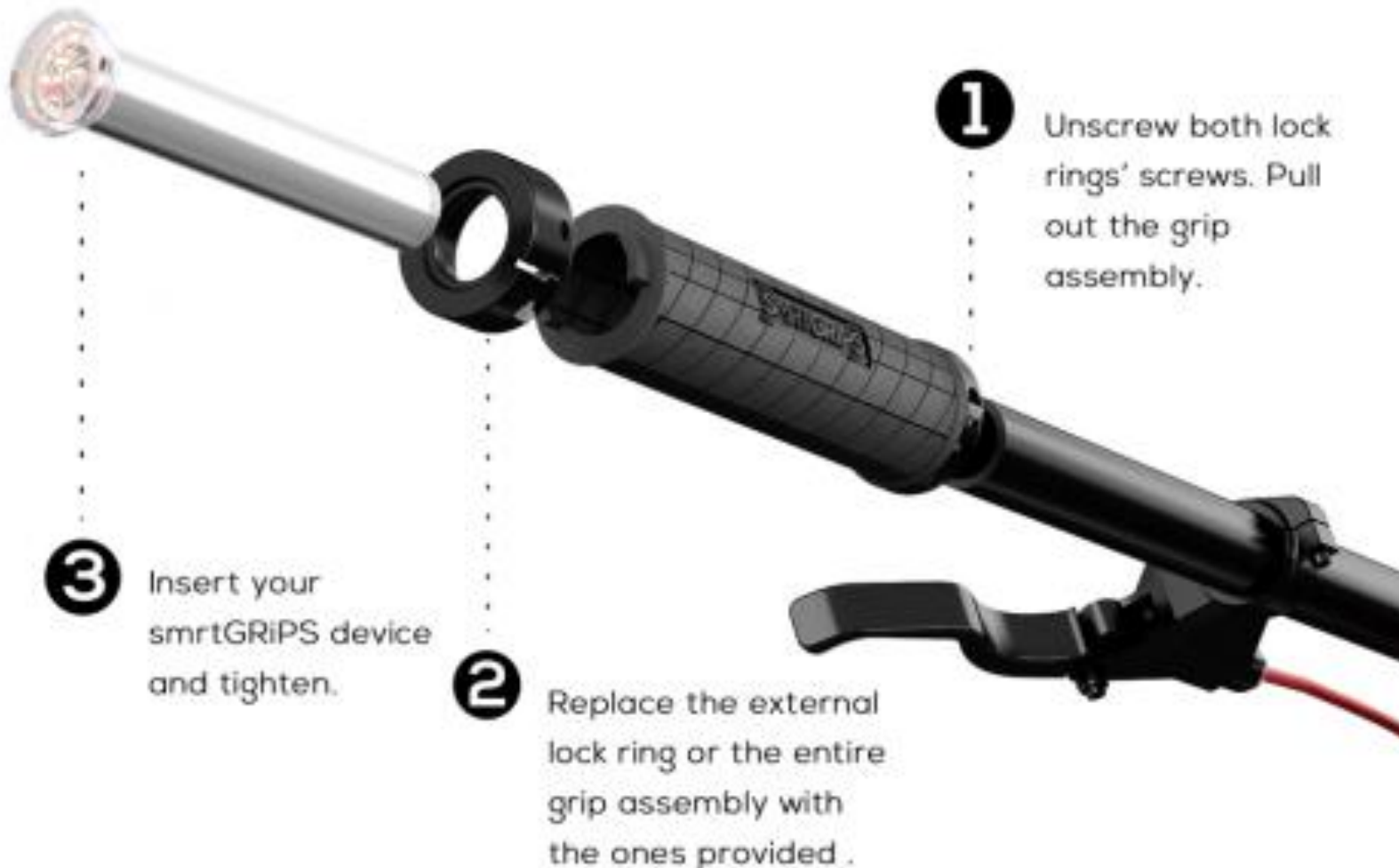
connectivity



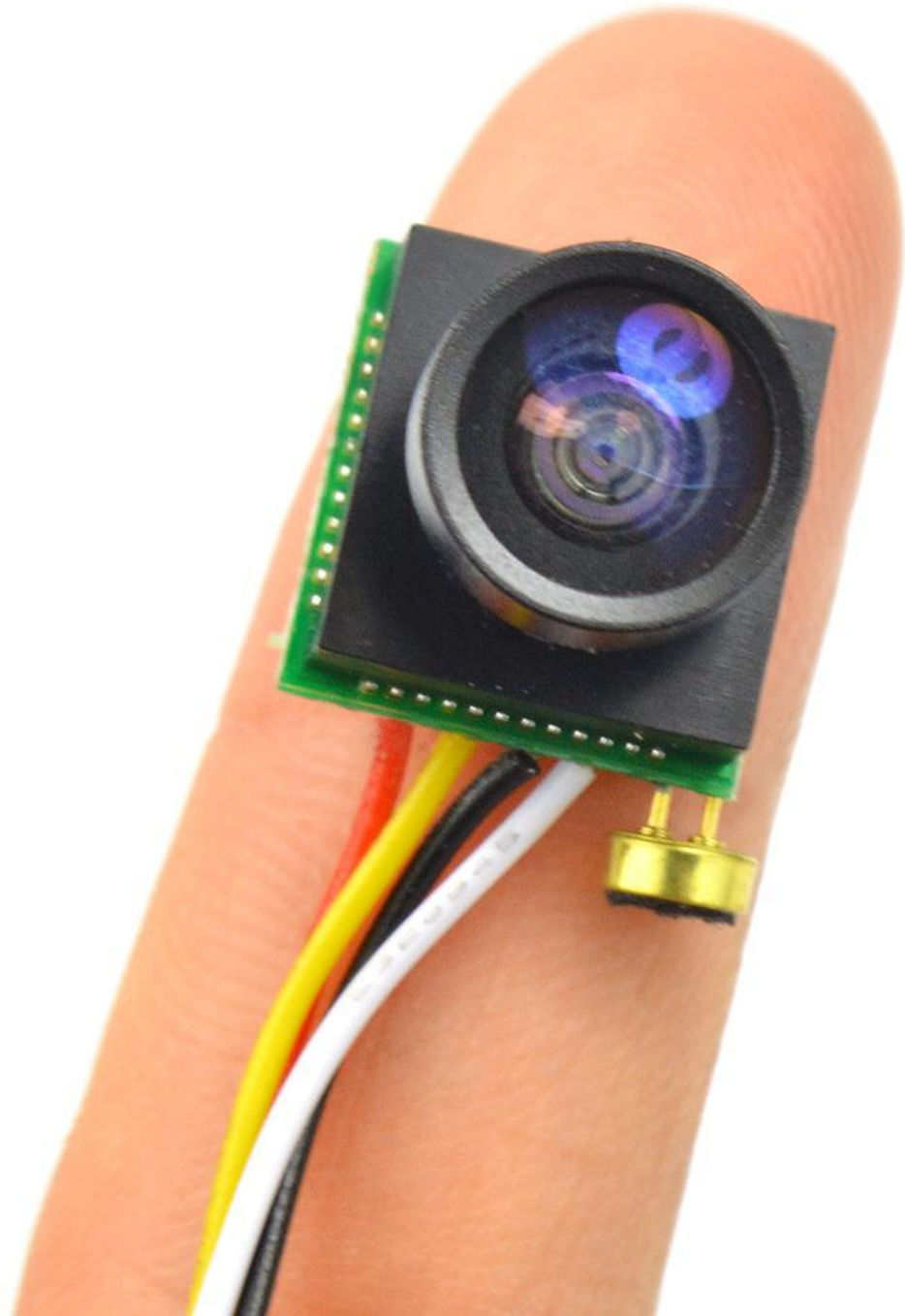
geospatial







bike²⁰⁵⁰



Rolling Computers

Possible E-Bike Functions

Automatic transmission allows for seamless automatic shifting in response to pedal speed



Sensors measure air pollution



Smartphone is used as the main control unit to switch an immobilizer on and off, provide navigation and traffic information, and networking with friends



USB port charges the smartphone



E-motor in the bottom bracket controls the motor power via the cyclist's pulse



Torque sensor calculates how many calories are being burned and controls engine power



Automatic suspension adjusts rear suspension in response to motion sensors that detect bumps in the front fork



1,359

backers

\$218,309 CAD

pledged of \$67,000 goal

24

days to go

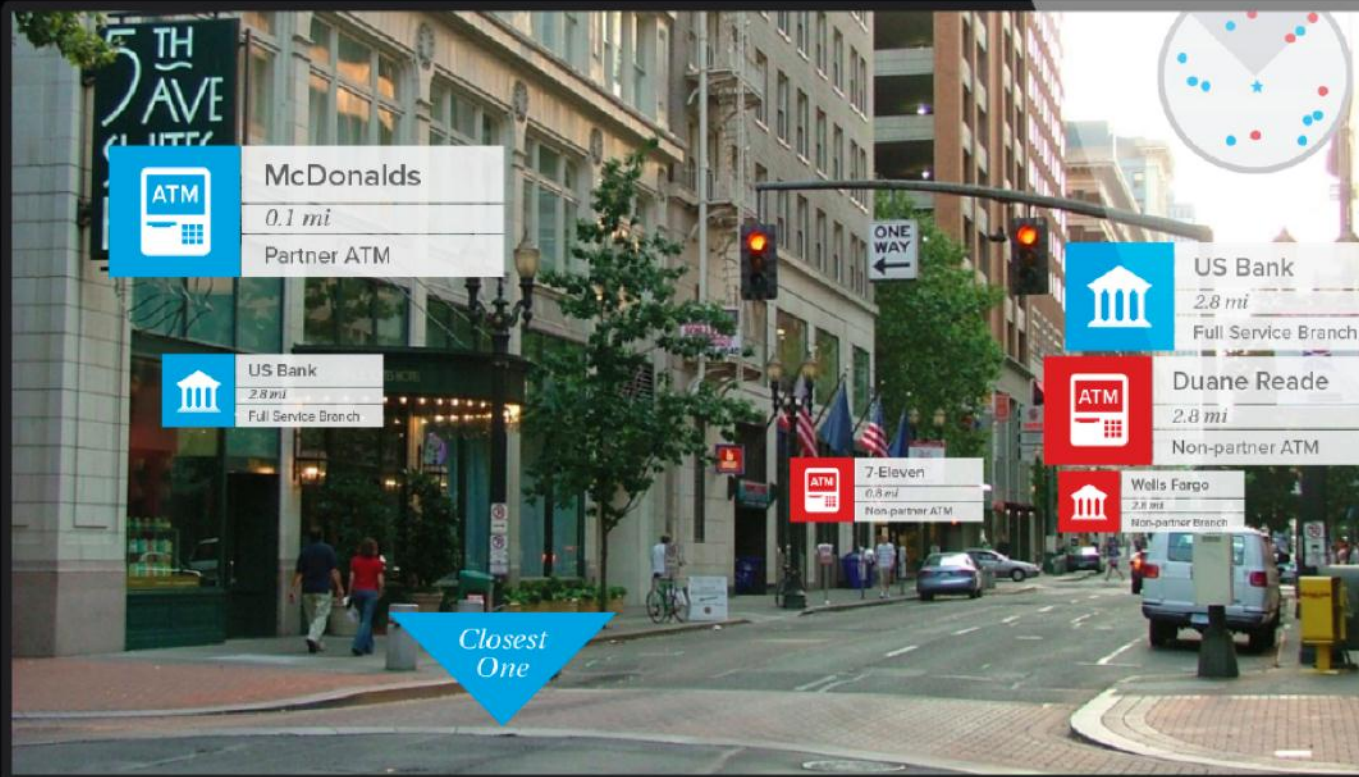
[Back This Project](#)

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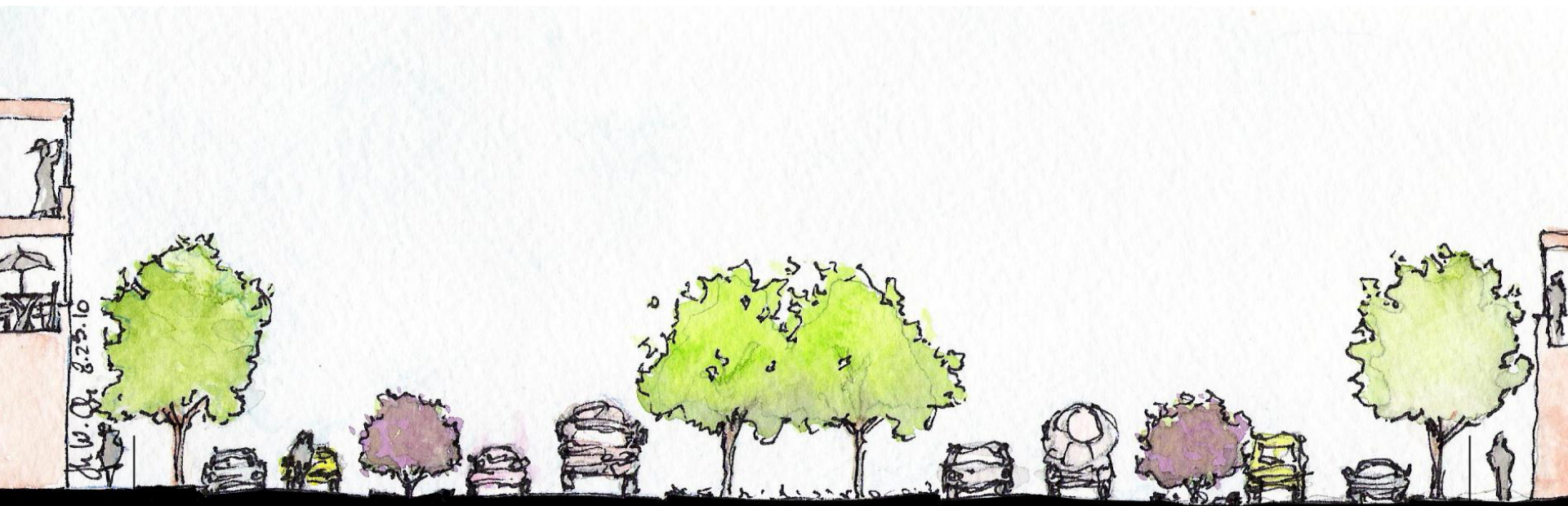
This project will be funded on Thu, Sep 24 2015 8:01 PM HKT.

bike²⁰⁵⁰



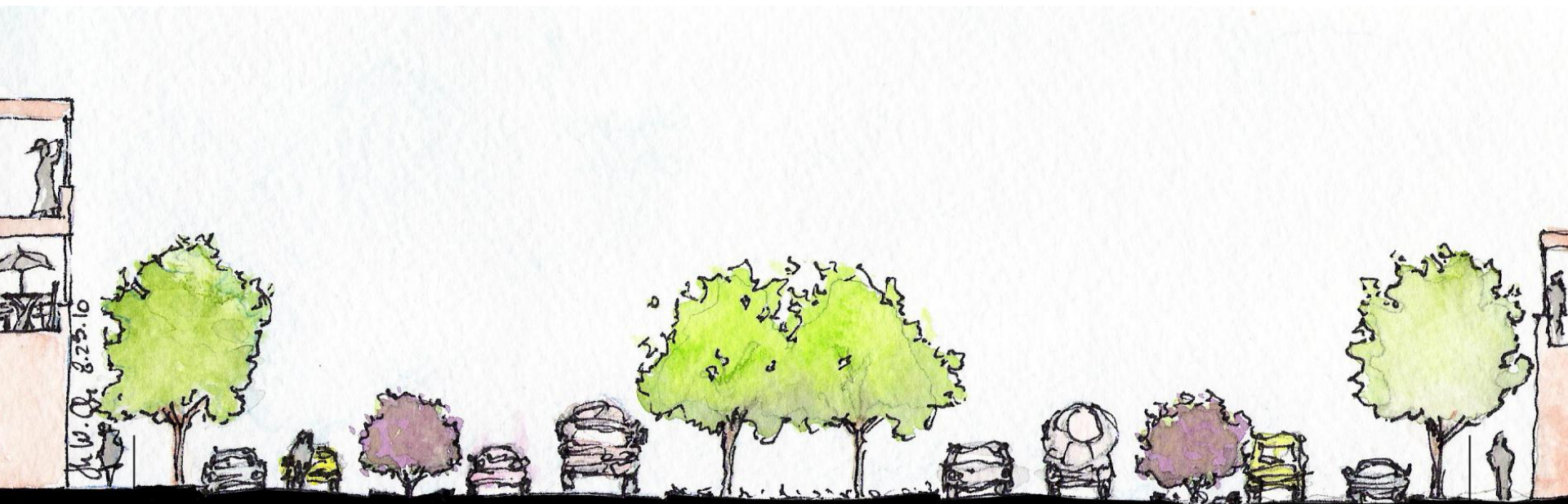


great streets



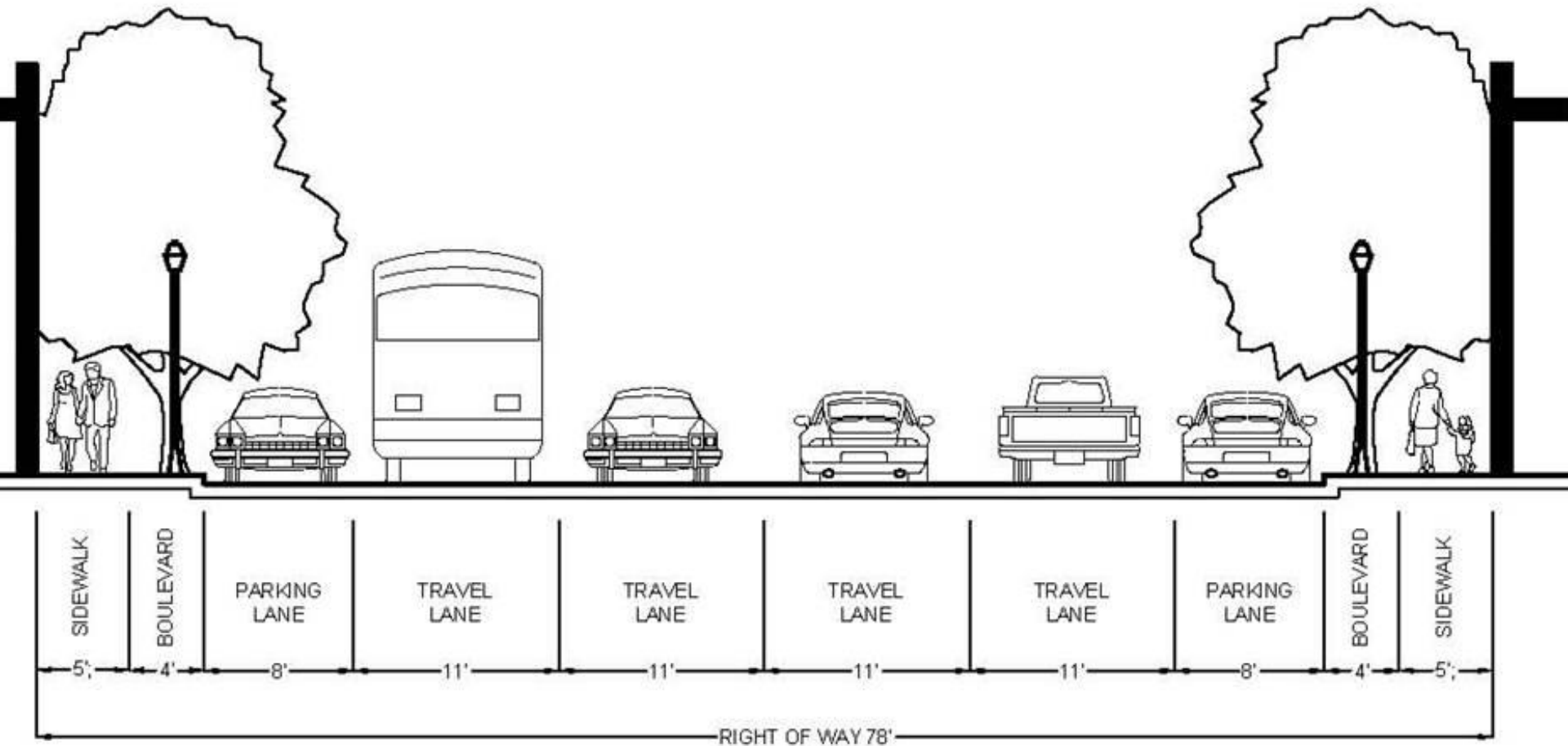
10'	5.5'	7'	10.5'	8.5'	22'	28'	22'	8.5'	10.5'	7'	5.5'	10'
Walk	Pkg	Travel lane	Median	Arterial lanes	Median	Arterial lanes	Median Travel lane	Pkg	Walk			

great cities

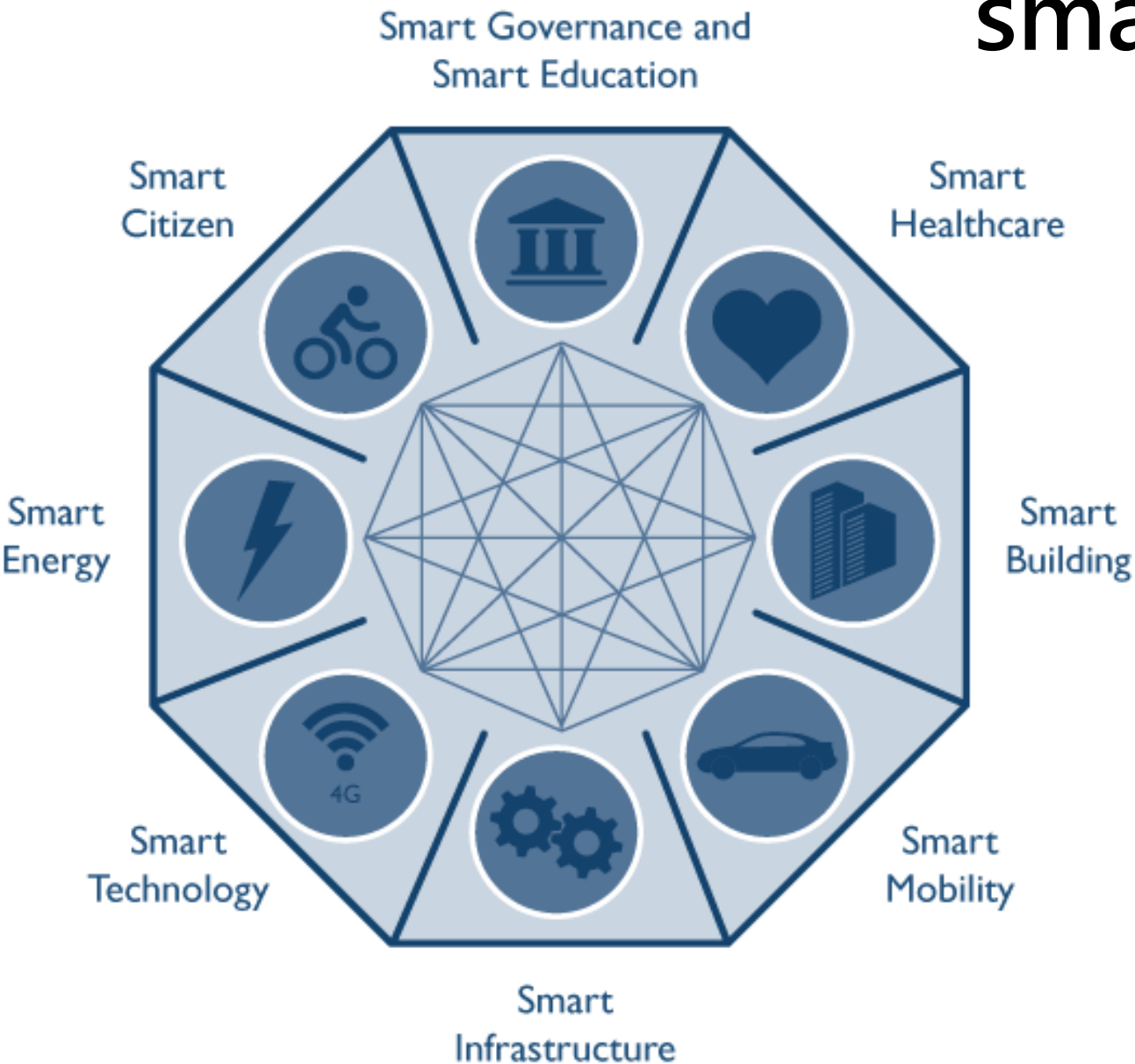


10'	5.5'	7'	10.5'	8.5'	22'	28'	22'	8.5'	10.5'	7'	5.5'	10'
Walk	Pkg	Travel lane	Median	Arterial lanes	Median	Arterial lanes	Median Travel lane	Pkg	Walk			

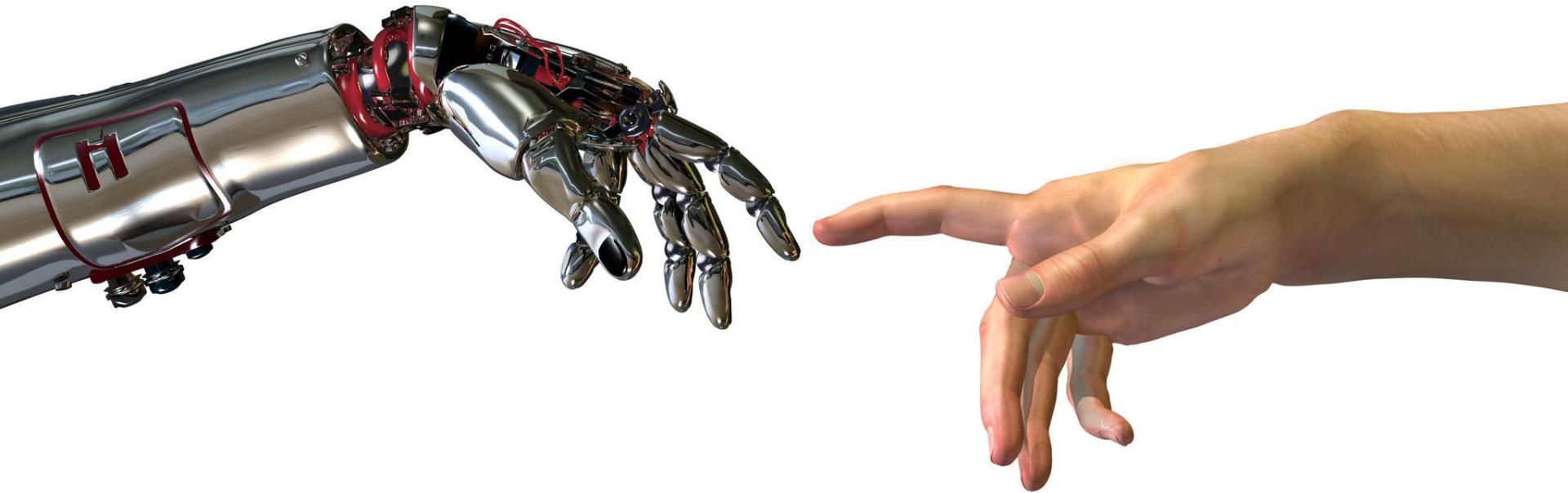
redefined streets



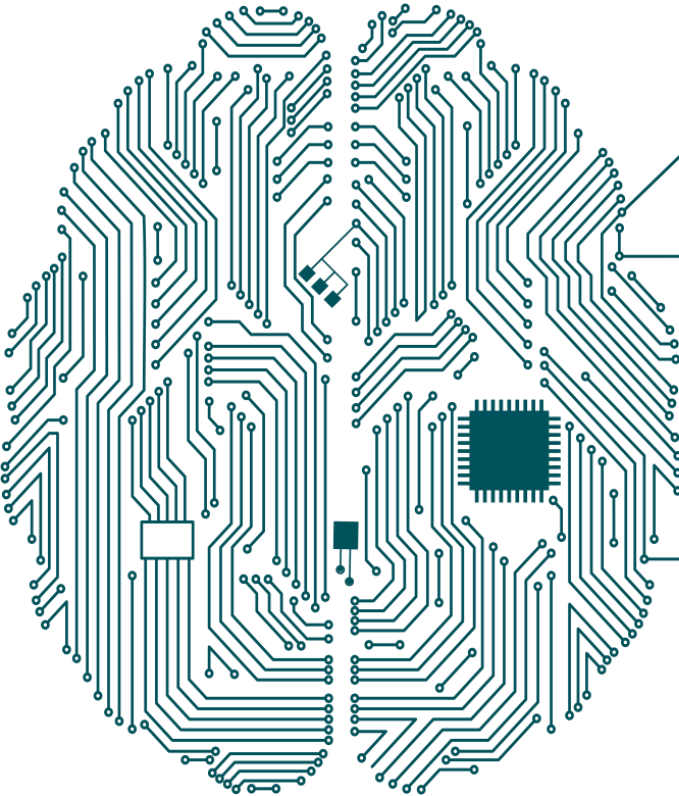
smart cities²⁰¹⁵



intelligent cities²⁰²⁰

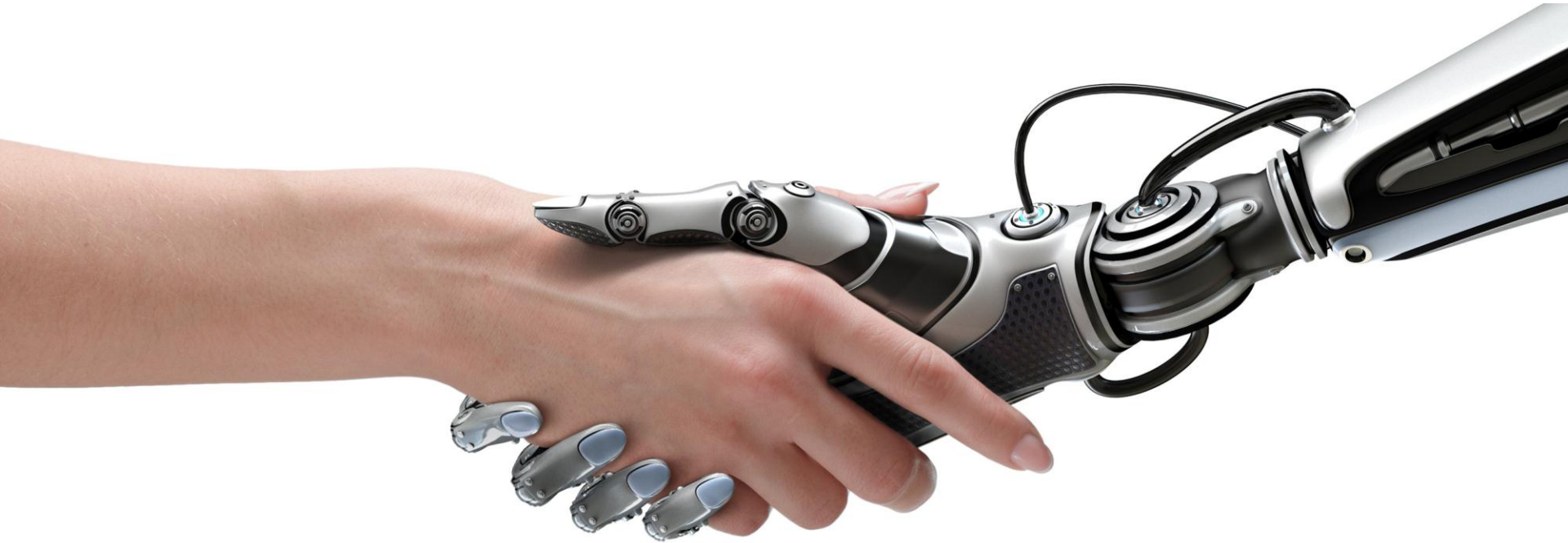


Artificial intelligence²⁰⁴⁰



- It is self-learning
- It assumes
- It adapts
- It predicts
- It finds typical and untypical patterns
- It analyses and suggests the most valuable decisions for the user

cognitive cities²⁰⁴⁰



city2050



bike²⁰⁵⁰

