





ACT Smart Lighting

SUSTAINABLE TERRITORIES SUSTAINABLE CITIES ARE SMART CITIES

FIT

Michael Rosetta – Business Development Manager

ACT SMART LIGHTING SUSTAINABLE TERRITORIES









1. VINCI ENERGIES

OVERVIEW



Accelerator of environmental transition

VINCI Energies creates bespoke multi-technical solutions & services for energy, transport and communication infrastructure, as well as buildings, factories and IT systems.

17 INTRODUCTS

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13 MIN

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2. ACT SMART LIGHTING PROJECT OVERVIEW

DELIVERABLES	Upgrade 50% luminaires to LED Operation and Maintenance of Network Construction, Operation & Maintenance of Smart Lighting network
NETWORK CONFIGURATION	79,000 columns 83,000 luminaires 1,200 streetlight control cubicles





THE ACT GOVERNMENT IS COMMITTED TO **NET ZERO** EMISSIONS BY 2045

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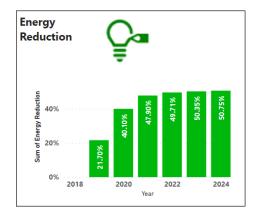
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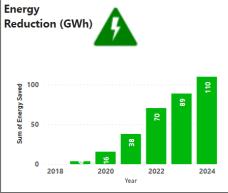
17 INFINITION

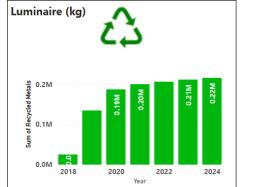
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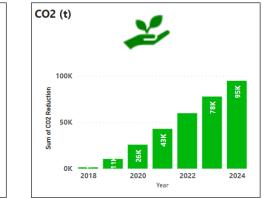
2. ACT SMART LIGHTING PERFORMANCE

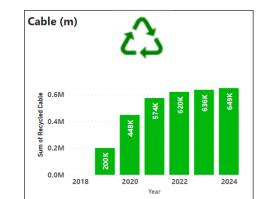












- Guaranteed Energy Performance
 - 46.8% Contract Guarantee
 - ✓ 50.75% Actual Performance
- System Availability

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3 AND RELATED

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8 CONVENSION

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11 STARE ITS

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13 MIN

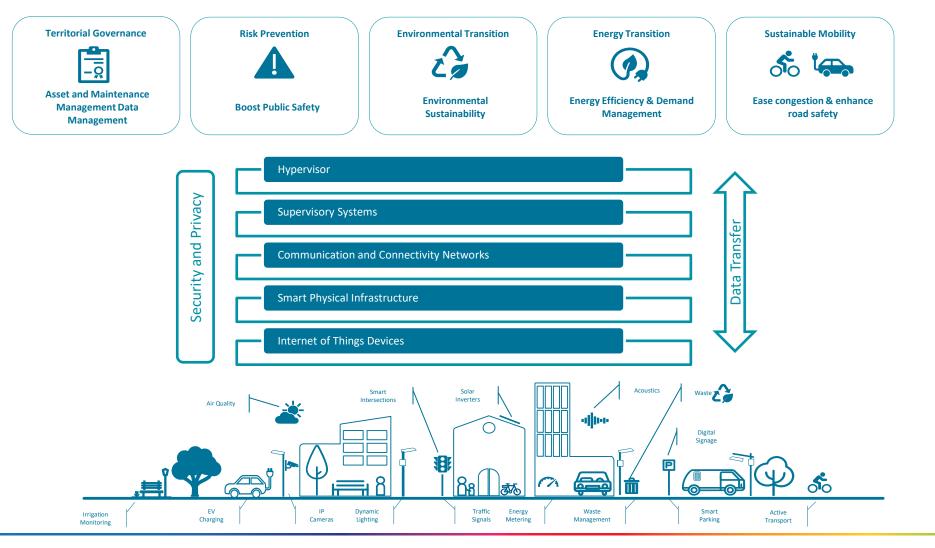
- 95% Contract Guarantee
- ✓ 97% Actual Performance



17 INFINITION THE GRASS



3. SMART/SUSTAINABLE CITY FRAMEWORK



17 INTERNET

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 8 CONVENSION

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9 AND DESTRUCTION

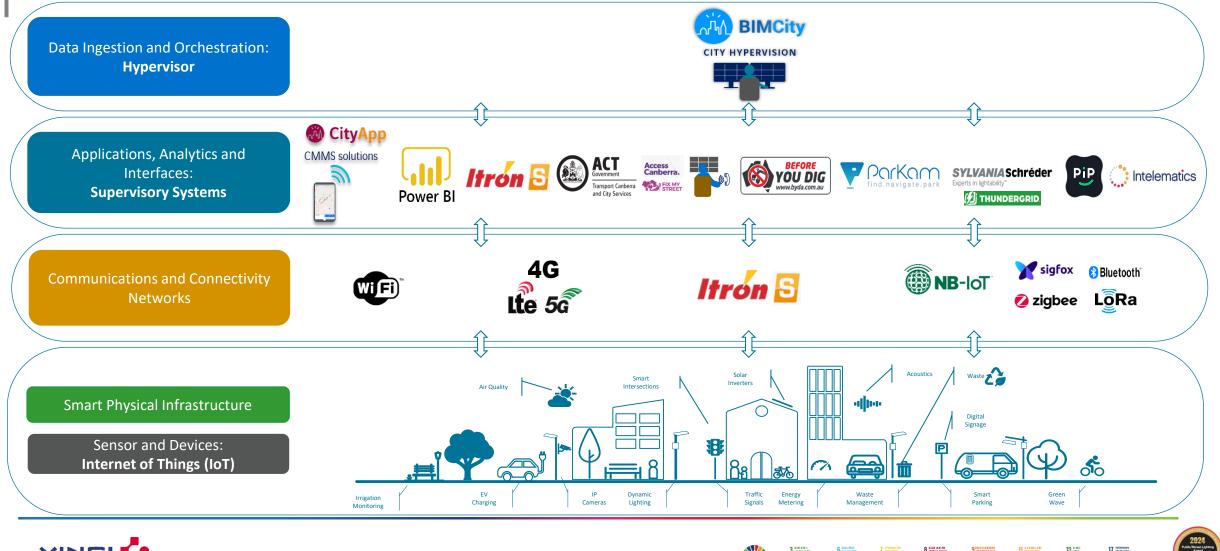
11 STARE ITS

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3. SMART/SUSTAINABLE CITY FRAMEWORK ACT ENVIRONMENT



13 km² 17 minada 13 km² 17 minada

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3. SMART/SUSTAINABLE CITY FRAMEWORK BIMCITY - HYPERVISOR PLATFORM

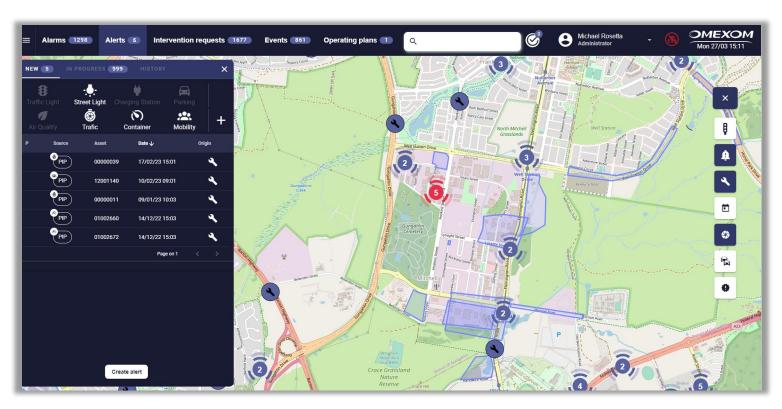


17 INTRODUCES

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- Data Ingestion and Orchestration
- Connectivity, data transfer and control of connected supervisory systems
 - Computerised Maintenance Management System (CMMS)
 - Asset Management System
 - Customer Portal
 - Central Management System
 - Realtime Data Analytics
 - Before You Dig
- Sustainable Cities Interfaces
 - Energy & Environmental Transition
 - Sustainable Infrastructure
 - Intelligent Transport Systems
 - Digital Services
 - Safety & Security



Unlocking the true power of city's diverse data streams through data integration, analysis and transformation



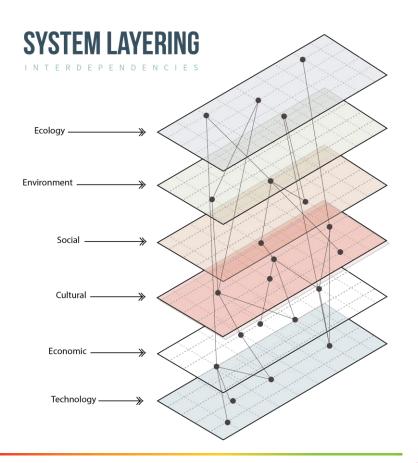
4. SUSTAINABILITY MORE THAN SMART, SUSTAINABLE CITIES ARE OUR FOCUS

Cities that are resilient and sustainable in their actions and culture, and by doing so continue to balance the needs and requirements of current and future generations of humans, more-than-humans and the planet without negatively impacting the ecosystems that provide them.





Sustainable Cities are Smart Cities



13 LUNE



4. SUSTAINABILITY IN ACTION



























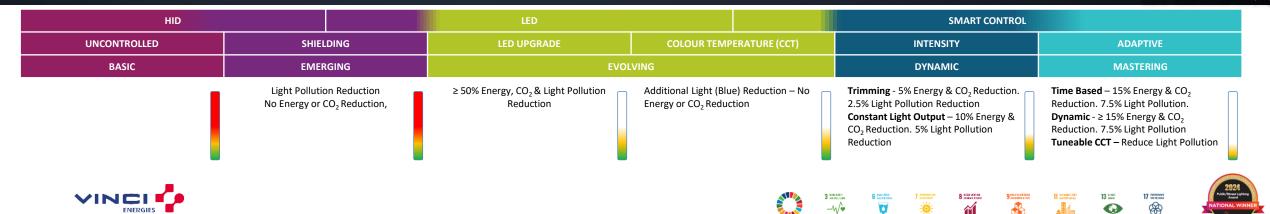


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4. SUSTAINABILITY

Evolution of luminaire to sustainably manage light, emissions & energy

Source: McDonaldObservatory.org



THANK YOU & QUESTIONS





