

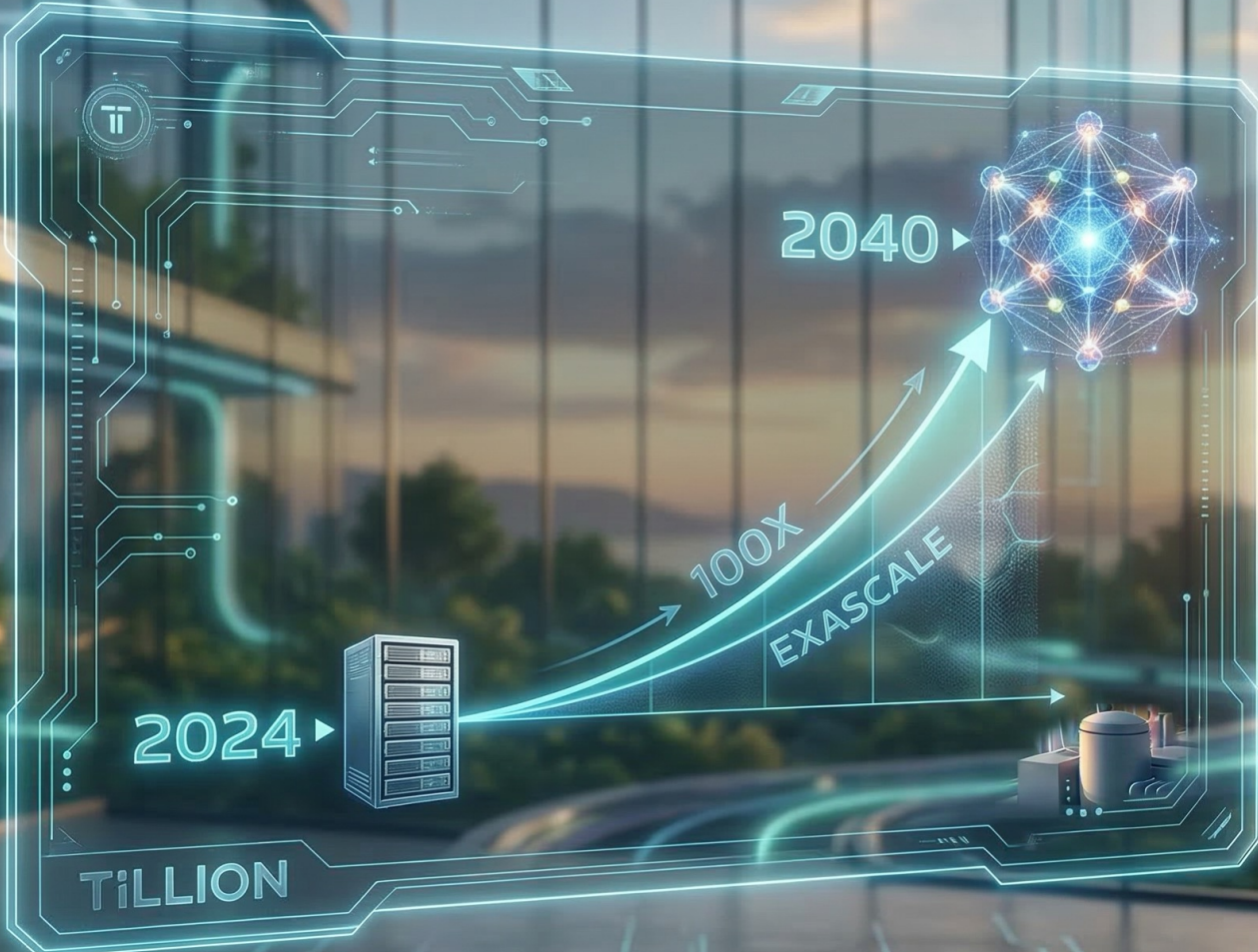
# Datacenter 2040

From digital  
infrastructure to  
planetary ecosystems

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InnovateDC 2040

Thermal export (ERE)

Quantum data

Resource Loop

Smart-City data

Smart-City data

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Hydrogen Storage Spheres

HYDROGEN CONVERTER UNIT 1

HYDROGEN CONVERTER UNIT 2

HYDROGEN CONVERTER UNIT 3

DAWN: GREEN HYDROGEN PRODUCTION FLOW

FUEL CELL INTAKE

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GRID INDEPENDENCE: 100%

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SYSTEM: OPTIMAL  
SYSTEM: STABLE  
SYSTEM: OPTIMAL  
DRONE 3 - PATH: B3-SECTOR 7

SYSTEM: OPTIMAL  
SYSTEM: STABLE  
SYSTEM: OPTIMAL  
DRONE 3 - PATH: B4-SECTOR 7

ACTIVE AI CLUSTER: 98.4%  
THERMAL RECOVERY: ERE 2.3

SYSTEM: OPTIMAL  
SYSTEM: STABLE  
SYSTEM: OPTIMAL  
DRONE 3 - PATH: B3-SECTOR 7

SYSTEM: OPTIMAL  
SYSTEM: STABLE  
SYSTEM: OPTIMAL  
DRONE 3 - PATH: B3-SECTOR 7

SYSTEM: OPTIMAL  
SYSTEM: STABLE  
SYSTEM: OPTIMAL  
DRONE 3 - PATH: B3-SECTOR 7

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PUE: 1.05  
ERE: 95% circular efficiency (99.8% recovery)

# ERE

Energy Return on Investment



3333  
Strategic Metrics

99%  
130%

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ACTIVE EDGE NODE:  
TILLION URBAN INTEGRATION

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AI COMPUTE CAPACITY: 250 TFLOPS

INTERCONNECTED PATHWAYS:  
FIBER + THERMAL

URBAN REUSE LOOP

LOCAL THERMAL REUSE (ERE): 92%

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PLANETARY INTELLIGENCE NETWORK:  
**ACTIVE**

GLOBAL ERE CONTRIBUTIONS:  
**92.1%**

GLOBAL ERE CONTRIBUTIONS  
**ACTIVE**



URBAN THERMAL BALANCE:  
**OPTIMAL**

DATA FACTORY ERE:  
**95%**

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0110111  
1101150  
0110100  
0101011

CIRCULAR ENERGY FLOW:  
95% ERE



PLANETARY NEURAL NETWORK:  
ACTIVE



SYSTEM EFFICIENCY:  
99.8% Recovery

ERE

DAVID HALL / CTO  
TILLION SPACE OPERATIONS

TILLION

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