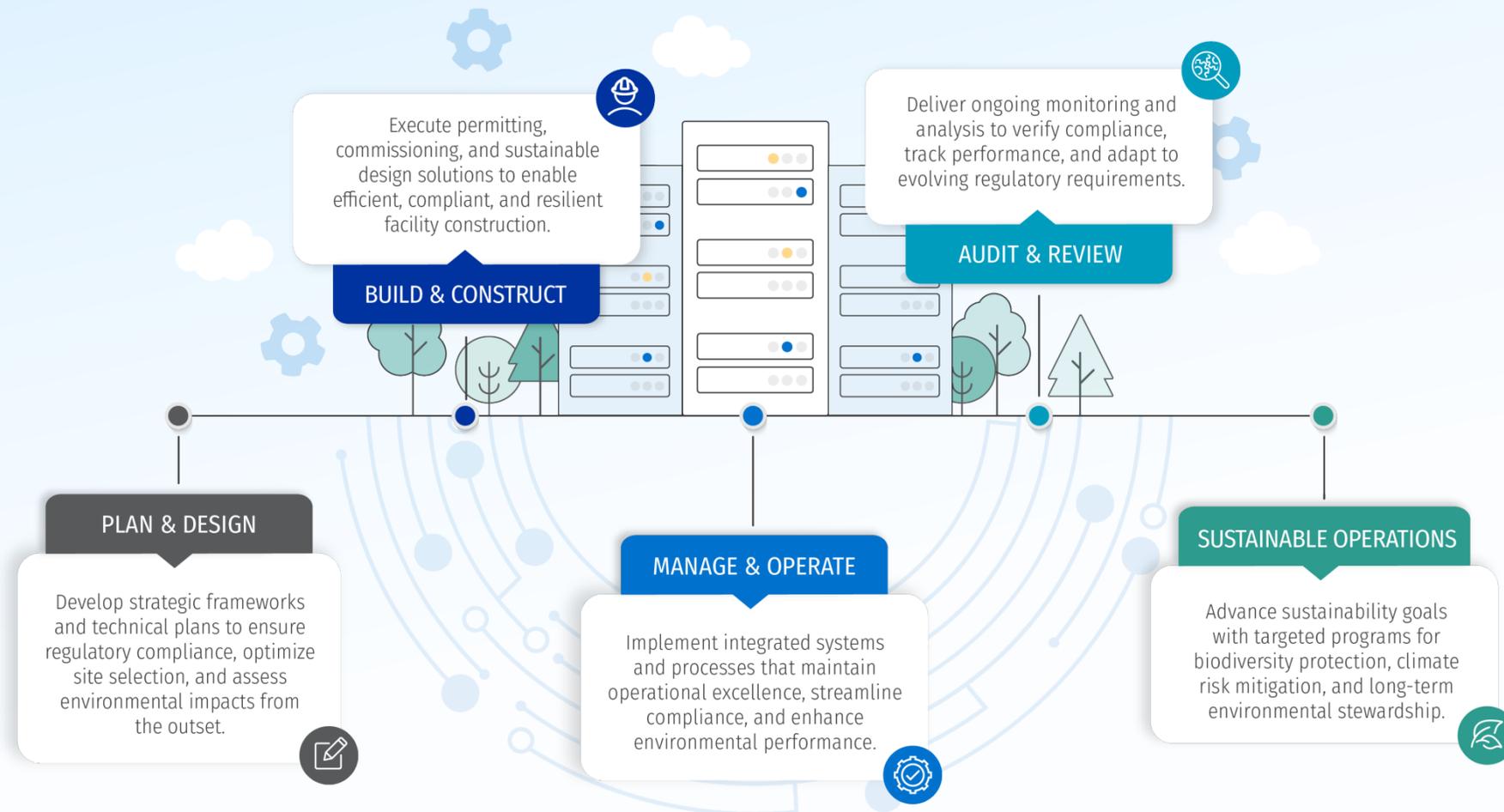


ENVIRONMENTAL AND INFRASTRUCTURE SOLUTIONS FOR DATA CENTERS

EXPERTISE YOU CAN TRUST



In today's digital landscape, data centers are the backbone of our information-driven world. As demand grows, so does the responsibility to operate sustainably and comply with environmental regulations. Trinity Consultants provides comprehensive consulting services to help data centers run efficiently while reducing their ecological footprint.



PLAN & DESIGN

Environmental Due Diligence and Planning
Navigate local, state, and federal regulations to ensure clean air, water, and waste compliance from the outset.

Land Use and Site Selection
Guide zoning, permitting, and stakeholder engagement for CEQA/NEPA-aligned development.

Air Dispersion Modeling and Corrosion
Predict air quality impacts and monitor corrosion to optimize layout and material resilience.

Noise and Vibration Analysis
Assess, model, and mitigate noise impacts to meet code and maintain community trust.

Environmental Impact Assessments (EIA)
Evaluate ecosystem, air, and water effects to support responsible approvals.

BUILD & CONSTRUCT

Regulatory Permitting
Secure timely air, water, and waste permits through proactive, full-spectrum compliance support.

Commissioning and Sustainable Design
Deliver Level 1-6 commissioning, integrated with acoustic design and energy efficiency strategies.

MANAGE & OPERATE

Infrastructure Coordination
Plan IT systems, cooling, security, and MEP layout to maximize uptime and operational efficiency.

Digital Systems Integration
Implement EHS and sustainability platforms for reporting, monitoring, and risk reduction.

Emissions Testing and Compliance
Measure and control air emissions to meet current and future regulatory benchmarks.

Reporting and Recordkeeping
Streamline compliance obligations with automated systems and accurate documentation.

Waste and Recycling Management
Design compliant solutions for e-waste, hazardous materials, and recycling programs.

SPCC Plans
Develop and audit spill prevention plans to mitigate environmental risks tied to fuel and oil storage.

AUDIT & REVIEW

Ongoing Monitoring and Management
Provide continuous environmental monitoring to maintain compliance and adapt to new regulations.

Ambient Monitoring and Integration
Offer real-time insights through air quality and meteorological monitoring systems.

SUSTAINABLE OPERATIONS

Biodiversity and Habitat Conservation
Design conservation plans to protect habitats and promote biodiversity near sensitive sites.

Climate Risk Assessment and Sustainability Programs
Develop strategies to address climate risks, carbon goals, and long-term resilience.