Infrastructure Reimagined:

Building Resilient, Future-Ready County Government

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COUNTY LEADERS VOICES of IMPACT

The Moment of Opportunity

- Infrastructure Challenges
- Clean Building Performance Standard (CBPS)
- Funding Opportunities
- Future-Ready Vision

What Does “Future-Ready” Mean?

- **Resilient Infrastructure**
- **Sustainable Practices**
- **Smart Technology Integration**
- **Equitable Access**

CHALLENGES AND VISION

Challenges Facing County Infrastructure

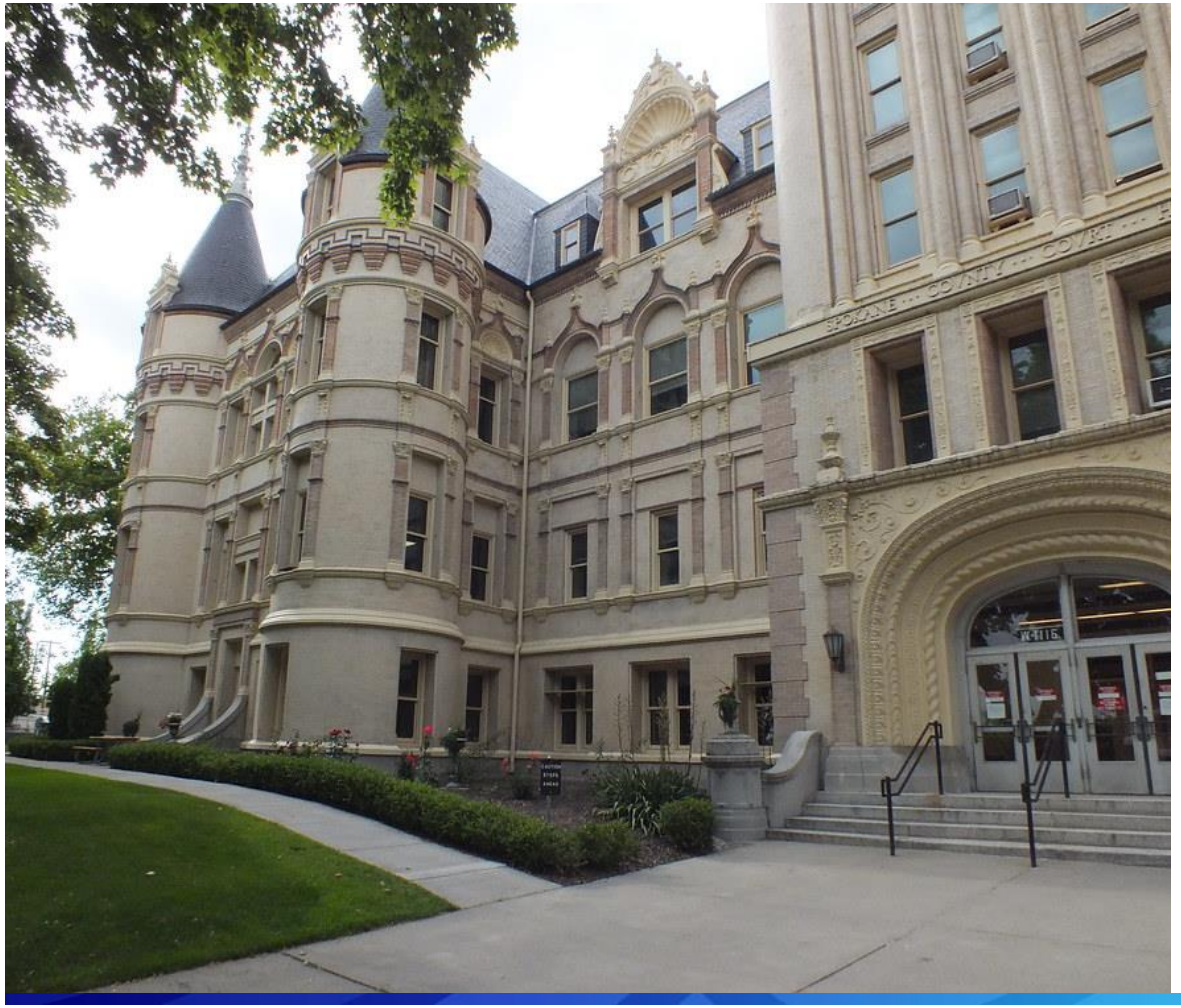
- **Deferred Maintenance Backlog**
- **Limited Asset Visibility**
- **Workforce Shortages and Siloed Systems**
- **Emergency Preparedness Gaps**
- **Energy Inefficiency Issues**

Vision for Reimagined Infrastructure

- **Adaptive Smart Buildings**
- **Sustainable Energy and Fleets**
- **Integrated Smart Ecosystem**
- **Data-Driven Decision Making**

CASE STUDIES AND PARTNERSHIPS

County of Spokane, WA
Sustainable Infrastructure and Energy Performance Project



Innovative and Replicable

- Converting early 80s era high-pressure steam system and plant to Modern Heating hydronic system
- Enhancing campus data collection and real-time monitoring through the integration of Metasys, OpenBlue Enterprise Manager and Net-Zero advisor
- Replacing old main electrical switch gear to provide service reliability for important jail and court systems.

Customer Drivers

Infrastructure & Energy Efficiency Upgrades

Aging high-pressure steam plants, HVAC systems, outdated controls, lighting systems to reduce energy cost and deteriorating electrical infrastructure.

Operational Inefficiencies

Inefficient piping, pumps, and hard water conditions cause high maintenance costs and early equipment failures.

Real-Time Asset Monitoring

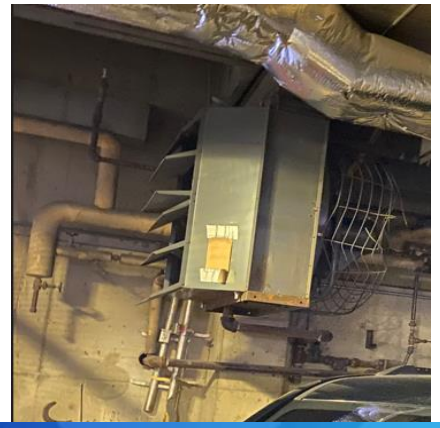
Real-time monitoring of critical infrastructure enhances operational efficiency and emergency preparedness. Modernize infrastructure to improve energy efficiency, reduce costs, and enhance building reliability and occupant comfort.

Target Achievements

- Central Heating Plant improvements
- Campus buildings' improvements
- Upgrade campus wide building control system

Outcomes

- $35.8M Capital Infrastructure Improvement Program.
- Utility and operational savings of $10.5M over 20 years.
- Regulatory compliance including Washington State's Clean Buildings Performance Standard.
- Reduce greenhouse gas emissions


County Modernization

- **Energy Efficiency Upgrades**
- **Sustainable Transportation Projects**
- **Real-Time Asset Monitoring**
- **Community Health Investments**

FUNDING AND COMMUNITY IMPACT

Funding & Financing Pathways

- Grants
- Public-Private Partnerships
- Energy Performance Contracting
- Utility Incentives and Rebates

The Human Impact

- Enhanced Public Safety
- Emergency Response
- Health and Environment
- Community and Economy

CALL TO ACTION AND CONCLUSION

Call to Action

Let's build the counties our communities deserve.

Infrastructure Assessment

Start with a thorough infrastructure assessment to identify critical needs and opportunities for modernization.

Stakeholder Engagement

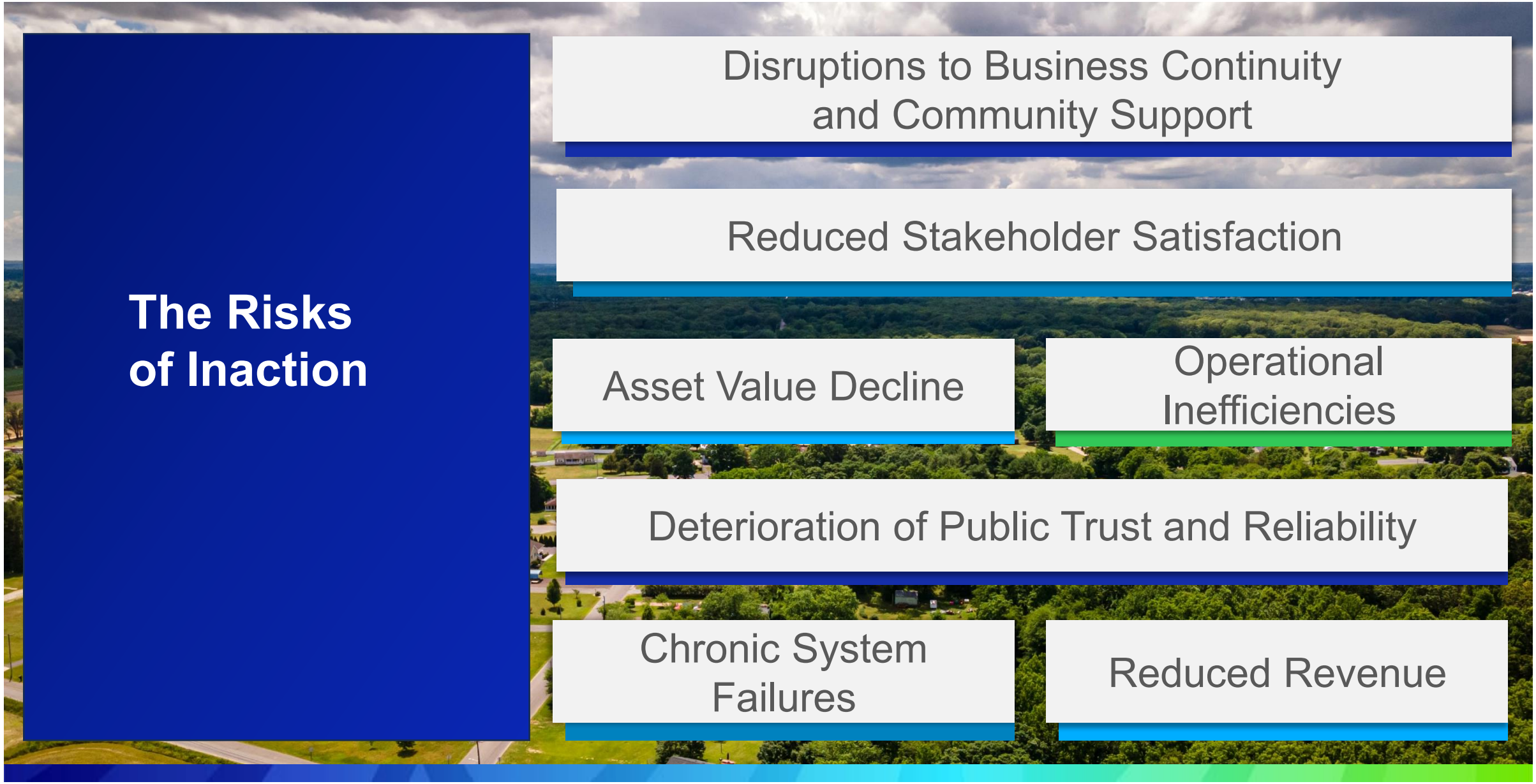
Engage community stakeholders early to build consensus and align projects with shared goals.

Resilience and Sustainability

Prioritize resilience and sustainable design to ensure long-term infrastructure success and adaptability.

Strategic Partnerships

Partner with experienced organizations to leverage expertise and secure funding for projects.


The Risks of Inaction
Disruptions to Business Continuity and Community Support
Reduced Stakeholder Satisfaction
Asset Value Decline
Operational Inefficiencies
Deterioration of Public Trust and Reliability
Chronic System Failures
Reduced Revenue

Thank You

#StrongerDaysAhead

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