

EVENT REPORT

AiDASH

evolve

2024



NEW ORLEANS, LOUISIANA

OCTOBER 16-18, 2024

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Former Governor of
Louisiana

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Securing Tomorrow



At AiDASH Evolve 2024, industry leaders, innovators, and visionaries came together to explore how cutting-edge technology in satellites and AI is safeguarding critical infrastructure and fostering biodiversity.

The event showcased solutions for building a sustainable future amidst climate change challenges.

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EXECUTIVE SUMMARY

In a first-of-its-kind industry event in New Orleans, Louisiana, AiDASH Evolve 2024 gathered leaders from industry, technology, government, and academia from around the world. With nearly 50 speakers, the event went deep on how we can safeguard our critical infrastructure with modern technology together.



A NEW FORUM TO REVOLUTIONIZE O&M AT UTILITIES

AiDASH anticipated that Evolve 2024 would attract energized attendees hungry for a new forum for examining technologies and strategies to revolutionize utility vegetation management, storm management, asset management, and biodiversity.

Those predictions were spot on, as confirmed by highly attended and well-received keynotes and breakout sessions—and in a packed-house demo suite overlooking the French Quarter.

In his welcome address, AiDASH CEO and Co-founder Abhishek Singh set the tone for strategic learning, collaboration, and innovation among utilities, vendors, and regulators.

Attendees gained valuable insights into the latest advancements in technology and AI to safeguard critical infrastructure, foster biodiversity, and ensure a sustainable future.

TOP MINDS FROM INDUSTRY AND GOVERNMENT TALK CLIMATE AND RELIABILITY

Amid 2 days of learning, leaders from organizations, including Entergy SVP and Chief Technology and Business Services Officer, Jason Chapman, discussed how they use AI to improve utility operations. And top officials, including former Governor of Louisiana John Bel Edwards and former Federal Energy Regulatory Commission (FERC) Chairman Neil Chatterjee, offered government and regulatory perspectives on ensuring energy reliability and resilience.

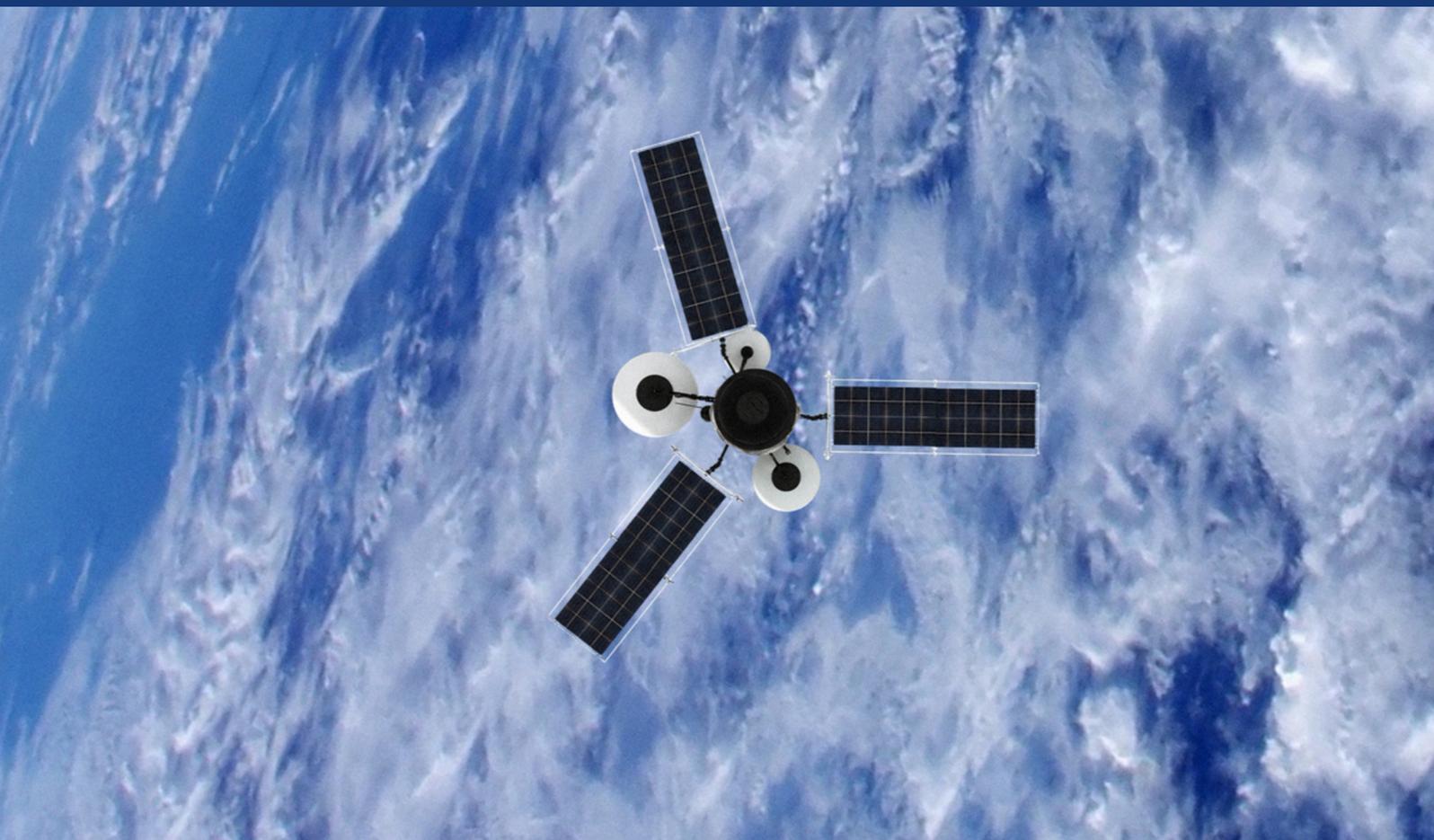
CONTINUE THE CONVERSATION

AiDASH Evolve 2024 was not just a conference—it was a crucial moment for the industry to come together to safeguard critical infrastructure and secure the future of humanAlty™. The issues we face are massive—but so are the opportunities for bold innovation. Together, we can secure our tomorrow. To continue or join the conversation, visit AiDASH at www.aidash.com.

Evolve 2024 presenters included leaders from these organizations

(IN ALPHABETICAL ORDER):

- Accenture
- Alabama Power
- ALN Policy and Law
- Amazon Web Services
- BCG (Boston Consulting Group)
- CIEEM (Chartered Institute of Ecology and Environmental Management)
- Department of Homeland Security
- Entergy
- ENWIN Utilities
- FERC (Federal Energy Regulatory Commission)
- Fishman Haygood
- Iowa Utilities Commission
- Jamaica Public Service Company
- KPMG LLC
- Louisiana Public Service Commission
- Maxar Intelligence
- Mississippi Public Service Commission
- Mitchell EMC
- National Grid
- Natural England - Gov.UK
- Newfoundland Power
- Powerco - New Zealand
- Randolph EMC
- Schneider Electric
- Severn Trent
- South West Water
- State of Louisiana
- TRC Companies
- Tulane University – Utility Vegetation Management Institute
- UP42
- Wake EMC
- Xcel Energy



EVENT OVERVIEW



2 KEYNOTES

detailing the climate-related threats to infrastructure and the ways governments and utilities are making climate adaptation a priority and using technology to bring effective change.

17 PANELS AND SESSIONS

with discussions across topics such as grid resilience and reliability; climate change; managing O&M; cutting-edge technologies like satellites, cloud, and AI; and embracing biodiversity efforts.

3 MASTERCLASSES WITH ISA CEUS

detailing how to improve vegetation management through cutting-edge technology, foster wildfire mitigation and storm resilience, and implement financial strategies to do so.

5 AWARDS

recognizing significant contributions and impacts to innovation, efficiency, reliability, biodiversity, and wildfire risk reduction.

NUMEROUS NETWORKING OPPORTUNITIES

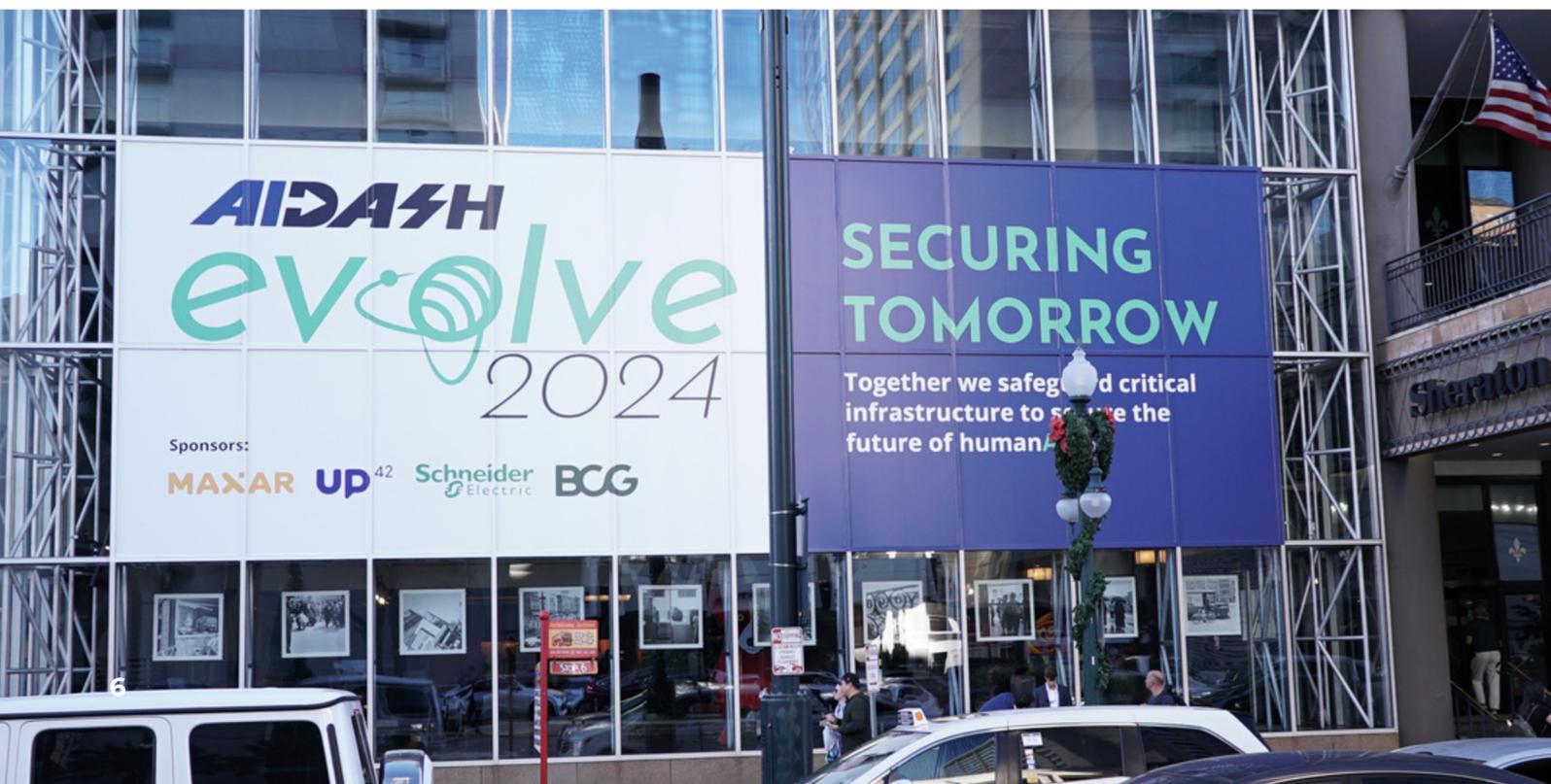
for attendees and speakers to connect and collaborate.

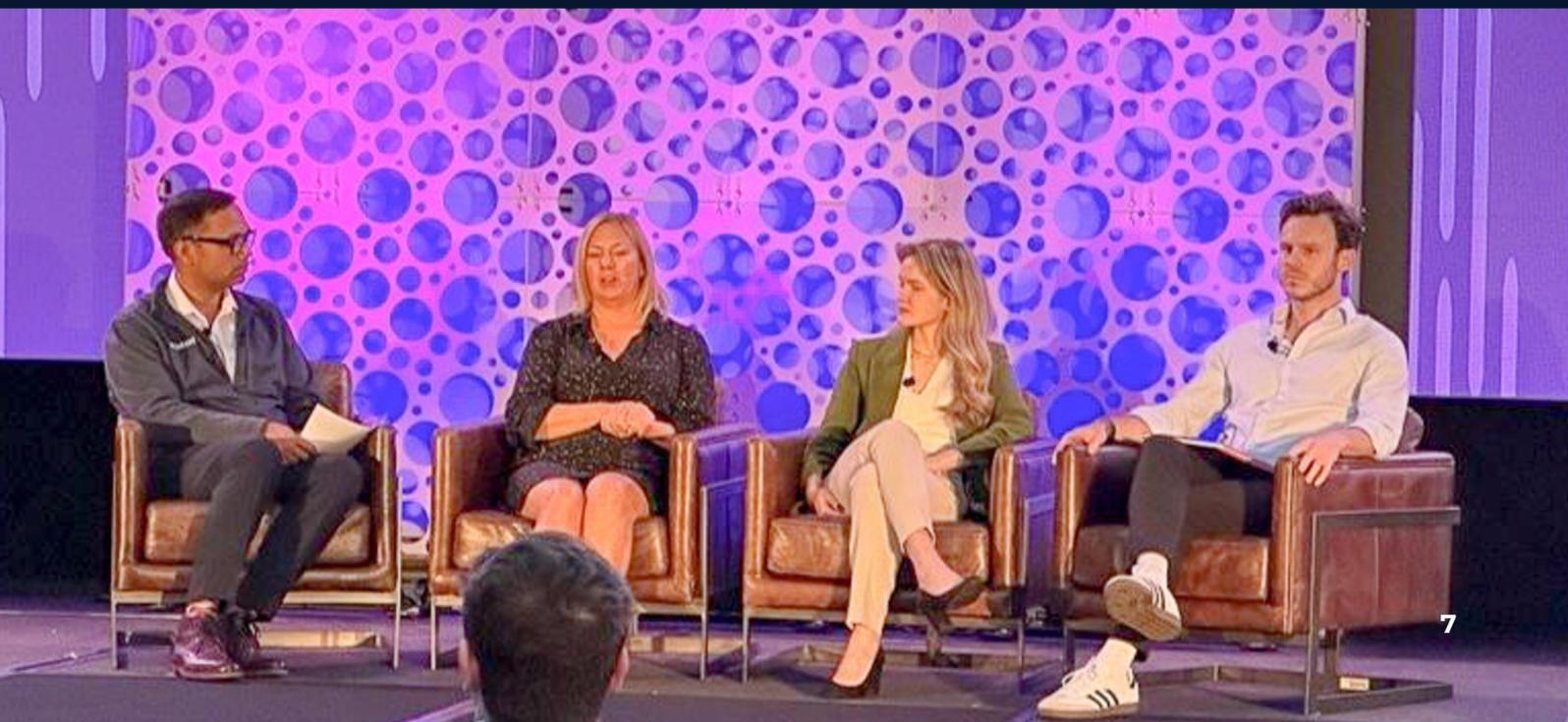
ONE UNFORGETTABLE SECOND LINE PARADE



PLENTY

of incredible jazz music and local cuisine





KEY TAKEAWAYS



Here are three key takeaways that made this gathering an unmissable opportunity for industry leaders.

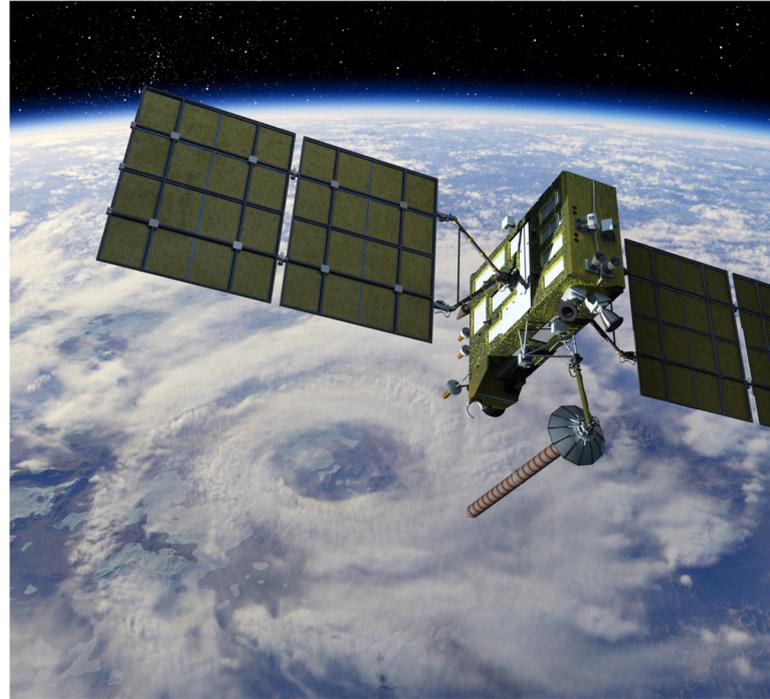
1: SATELLITES CAN HANDLE MUCH OF THE GRID INSPECTION AND MONITORING BURDEN

Inspecting and monitoring T&D assets and surrounding ROWs is a challenge for any IOU or co-op, but when you tally the numbers for utilities across the U.S., the responsibility is staggering, with a massive scope of:

- More than 7 million miles of power lines.
- Nearly 250 million poles.
- Almost a billion devices and assets.
- Billions of trees.

Inspecting and monitoring all of this at scale is humanly impossible. But this is where satellite technology shines.

A key conference topic focused on a satellite-first approach for network-wide scanning.



This method supports critical applications like vegetation and storm management, wildfire mitigation, and asset monitoring. It provides insights into pole and conductor locations, terrain, and accessibility, enabling improved response times during incidents, proactive grid maintenance, and improved reliability.

A satellite-first strategy offers sufficient detail for most inspection and monitoring needs, allowing utilities to respond to grid challenges quickly and cost-effectively. Ground-based LiDAR and other remote sensing technologies, plus on-site patrols, can then supplement satellite scans as needed for specific use cases, accessibility, or severe conditions.

Satellite imagery—at scale and when fused with other data sources—creates a comprehensive dataset for grid inspection and monitoring, as well as new insights, in a more economically viable way.



>7 MILLION
miles of power lines



250 MILLION
poles



~1 BILLION
devices and assets



2: WE MUST DO AWAY WITH SILOED TECHNOLOGY AND DATA

Today, utilities often complete grid maintenance using a cycle-based approach, using different technology point solutions. Examples include ADMS, GIS, Asset Investment Planner, Enterprise Asset Management, and ERPs.

Silos impede the flow of vital assessment and planning information, causing delays and impacting grid reliability.

Since 2019, AiDASH has committed itself to using the latest in satellite technology and AI to respond to utility companies' most pressing needs in the face of the unprecedented effects of climate change. AiDASH products support utility T&D inspection and monitoring across 135+ utility customers and over 185 customers.

3: IT'S TIME FOR A COLLABORATIVE ECOSYSTEM

The challenges before us are too big for any single company to tackle alone.

Collaboration is imperative—among utilities, regulators, government bodies, investors, and partners, including data and technology providers, consulting firms, and systems and technology integrators.

Evolve 2024 catalyzed this cooperation, encouraging representatives from these sectors to create a collaborative ecosystem—to consider climate resilience in all activities, from inspection to mitigation to audit.

AiDASH considers collaboration essential to its mission to make critical infrastructure more adaptive and climate-resilient.

WELCOME ADDRESS FROM THE CEO



**ABHISHEK
VINOD SINGH**
Co-founder & CEO, AiDASH

Abhishek Vinod Singh, Co-Founder and CEO, AiDASH, was born in a small village in India. When he was young, the village did not have electricity.

Eventually, though, power arrived. “The first time when the power came to our village, and I pressed that switch...and it lit up a bulb...it was magic,” he said.

It was as magical, he said, as a fully lit New Orleans street in the evening. “In our journey to build AiDASH in the last five years, we realized how difficult it is to get the lights on,” he said.

It requires the ongoing dedication of everyone in the utility industry—not just to get the lights on, but to keep them on, and restore them quickly when there are outages.

But that’s becoming even more difficult as climate challenges increase. To keep the lights on, we all need to work together.

*“The utility representatives, the regulatory bodies, the government, the tech companies like us, the consultants, the data providers—everyone has to work together to secure critical infrastructure and foster biodiversity, and help us in **securing tomorrow**,” he said.*



Solving grid reliability, inspection, and monitoring with technology

Singh talked about co-founding AiDASH in 2019 and why the company created software aimed at improving vegetation management. “Vegetation management was the single largest O&M spend,” said Singh, “and it deserved to have a software category of its own.”

That's why AiDASH created its first product, Intelligent Vegetation Management System™ (IVMS).

AiDASH products affordably solve the pressing needs of grid safety and reliability, and foster biodiversity. IVMS was but the first. Now, AiDASH's product portfolio has expanded to include Climate Risk Intelligence System™ (CRIS), Asset Inspection & Monitoring System™ (AIMS), and Biodiversity Net Gain Artificial Intelligence™ (BNGAI), too.

At AiDASH Evolve 2024, the company announced the Full Stack Platform for Grid Inspection and Monitoring™. It's designed to make an even greater impact on critical infrastructure industry

operations and maintenance (O&M), as AiDASH's full suite of products has been brought together in one cohesive platform. The platform features a common data store and can be accessed seamlessly by anyone in an organization.

GRID INSPECTION AND MONITORING: A MASSIVE CHALLENGE

Grid inspection and monitoring is a massive challenge, and a company like AiDASH can't solve it alone. But, Singh said, “While the challenge is massive, it's easy to understand.” Assets and trees need to be inspected, the problems we find need to be mitigated, and the subsequent work has to be audited.

There are many point solutions available today to address these issues, but Singh said that too much grid maintenance today is done in silos. The whole industry needs to evolve.

Securing tomorrow together



Singh said we need to unify grid-monitoring technologies with grid management technologies, like ADMS, OMS, and GIS, and that this task requires a great deal of cooperation between partners.

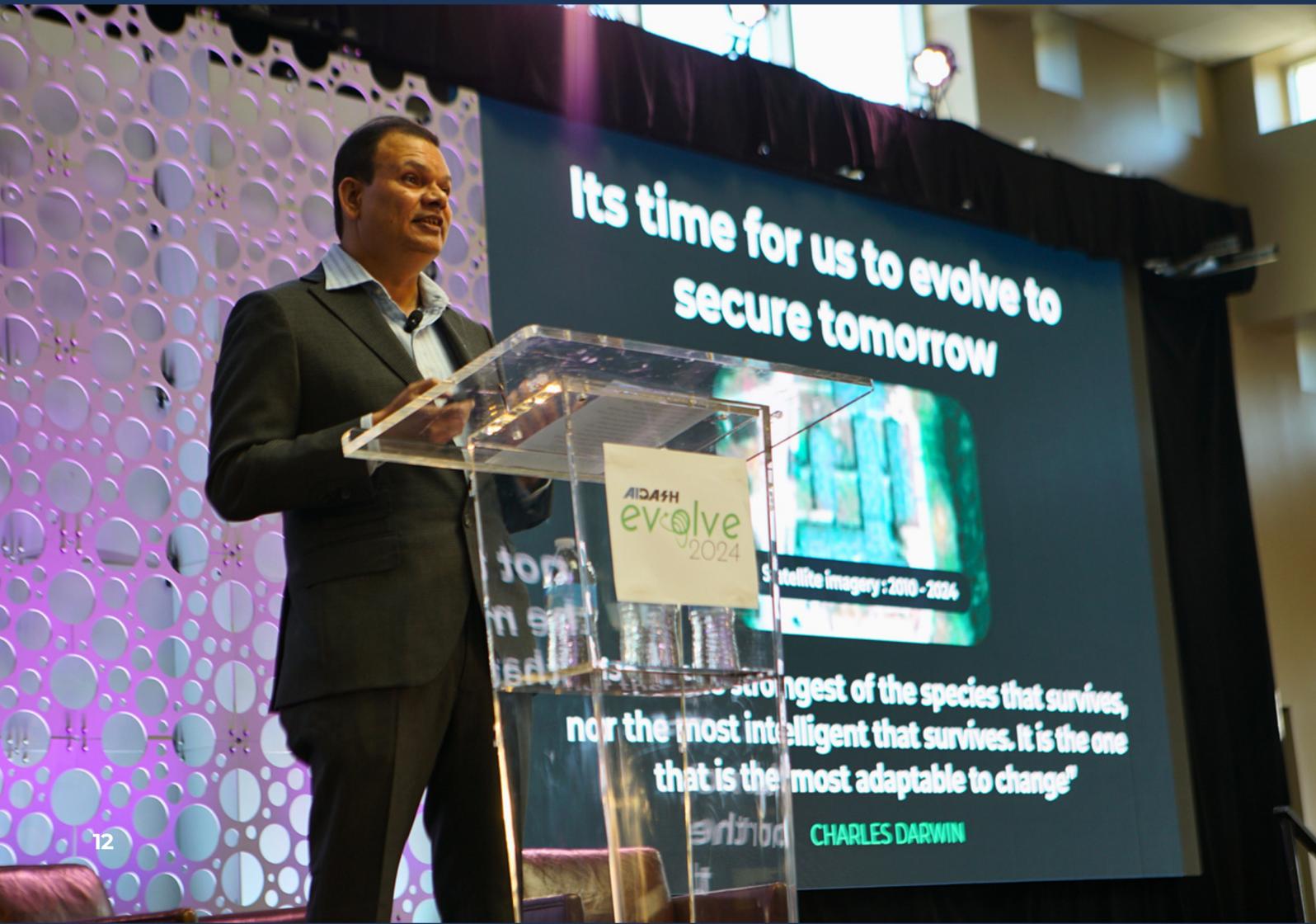
“This is something [that] cannot be achieved by one company, or a few companies, alone. This requires a much larger team,” he said.

In that spirit, he thanked the sponsors—[Maxar](#), [Schneider Electric](#), [UP42](#), and [BCG](#)—as well

as the dozens of partners and all the utilities who are working with AIDASH and gathered at Evolve.

Singh concluded his welcome remarks by saying, “To secure tomorrow, to have a resilient grid, [and] to ensure the energy transition, we need to secure the future of ‘humanAIty.’ We have to work together and safeguard our critical infrastructure.”

[READ MORE](#)



SECURING TOMORROW

AiDASH



Securing critical infrastructure in a changing climate



JOHN BEL EDWARDS

Former Governor of Louisiana and
Special Counsel, Fishman Haygood

In this urgently important keynote, former Governor of Louisiana John Bel Edwards expounded on how increasing storm intensity and frequency are putting American infrastructure at risk, creating danger for our future generations. Learn what steps have been taken at both the federal and state levels to fight this problem by allocating budgets and making climate adaptation a priority.

KEY INSIGHTS:

- Climate change-related disasters like storms are intensifying.
- We need to evolve to ensure climate resiliency, and technology is a key component of that effort.
- There must be collaboration on climate adaptation across academia and the public and private sectors.

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John Bel Edwards
Former Governor,

AIDASH
ev:olve
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2024

SECURING
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KEYNOTE

Powering the future: Entergy's pioneering journey in grid innovation and resilience

Jason Chapman, SVP and Chief Technology and Business Services Officer at Entergy, shared insights from Entergy's groundbreaking journey in adopting cutting-edge technologies.

Learn how innovations in satellite imagery, AI, and data analytics have transformed their operations, improved grid reliability, and set new standards for the utility industry. Discover the real-world impact of these technologies and the potential they hold for securing our energy future.

[READ MORE](#)

KEY INSIGHTS:

- Entergy utilizes AI to predict and prevent equipment failures, minimize system downtime, and keep customers informed.
- Innovative AI-driven processes, including satellite-powered vegetation management and computer vision-powered asset inspections, have supported Entergy by optimizing operations and reducing risks.
- With its suite of tools, Entergy is looking to revolutionize storm damage assessments by allowing crews to respond faster.



JASON CHAPMAN

SVP, Chief Technology and Business Services Officer, Entergy



SESSIONS

Discover the dynamic sessions at AiDASH Evolve 2024, where industry leaders and innovators shared insights on AI, satellite technology, and sustainability. Gain practical strategies and fresh perspectives to tackle today's challenges and secure a sustainable future.



A fireside chat with former Governor John Bel Edwards and Neil Chatterjee



JOHN BEL EDWARDS

Former Governor of Louisiana and Special Counsel, **Fishman Haygood**



NEIL CHATTERJEE

Former Commissioner and Chairman, Federal Energy Regulatory Commission (**FERC**)

After his keynote speech, Governor Edwards sat down with Neil Chatterjee, Former Commissioner and Chairman, Federal Energy Regulatory Commission (FERC), for a fireside chat. They discussed the topics Governor Edwards shared in his speech, and more.

KEY INSIGHTS:

- Technology is critical to the upcoming energy transition.
- Making the case for action includes talking about economic development, investment, and job creation.
- Where there are challenges, there are opportunities.

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Securing tomorrow's grid: How space technology and AI are transforming utility operations and reliability

**JOSH WINER**

Senior Director of Enterprise Sales,
Maxar Intelligence

**RAHUL SAXENA**

Chief Product and Technology Officer, Co-Founder
AiDASH

Space technology and AI are revolutionizing utility operations. In this session, the speakers explored cutting-edge satellite capabilities for monitoring critical infrastructure and AI-driven insights enhancing grid reliability.

Discover the future of data-driven operations and how this technological synergy is securing tomorrow's grid today.

KEY INSIGHTS:

- Very high-resolution satellite imagery, collected by Maxar Intelligence, provides a detailed view of Earth's critical infrastructure. With 30 cm-class clarity and frequent updates, Maxar's constellation of satellites monitors everything from environmental changes to disaster impacts, enabling faster, data-driven decision-making.
- AiDASH turns data into targeted action. By fusing enterprise client data, the SatelliteVision™ pipeline, and geospatial inputs with AI, AiDASH's tools help utility companies manage vegetation, predict storm and wildfire risks, and enhance their resilience.
- Together, Maxar and AiDASH deliver monitoring solutions that combine satellite imagery with AI-powered analysis, enhancing grid reliability by swiftly identifying emerging risks and keeping assets secure.

[READ MORE](#)



Leading transformation: Navigating changes in the environment, technology, and operations

How can leaders drive transformation while maintaining operational excellence?

Our panel of industry experts shared their experiences leading change at every level, from front-line workers to the executive suite. They discussed how they set a clear direction, leveraged insights from technologies like AI and satellites, and adapted to external forces such as climate change and evolving regulations—all while improving risk mitigation and operational efficiency.

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AUGUST RIDDER

Operations Manager, Vegetation Management, **Xcel Energy**



KRISTEN BRIDGES

Vegetation Management and Contract Services Manager, **Alabama Power**



SHUBHAM KUMAR

Managing Director and Partner, **BCG**



DON ADCOCK

Senior Manager, Power Delivery, Vegetation Management Operations, **Entergy**



AZUM ALI MODERATOR

VP of Customer Success and Transformation, **AIDASH**

KEY INSIGHTS:

- Although their specific reasons were unique, the panelists agreed that change became necessary and unavoidable for their respective utilities.
- Change management requires planning, leadership, communication, and buy-in from front-line workers.
- Progress in achieving results from new technological solutions is usually gradual and iterative.



Customer success stories: Real-world impacts of climate resilience initiatives

KEY INSIGHTS:

- These utilities face risks and challenges, including acquiring restoration resources after storms, changes in vegetation growth, and changes in wet/dry seasons.
- Having the right data, analyzing it, and generating actionable insights from it allow utilities to make meaningful changes, including telling the story of what they're doing (or not doing) and why.
- This ability to quickly transform data into actionable insights will be crucial for the future. Advancements in technology are exciting, too, but utilities need to maintain and value the core skills and expertise of people like engineers and arborists.



RYAN MOE

Lead Specialist Vegetation Strategy
National Grid



ORLANDO MCKOY

Director of T&D Asset Optimization and PMO
Jamaica Public Service Company



CARL DE HAAN

Engineering Reliability Manager
Powerco, New Zealand



ISABELLA ESPINEL

MODERATOR

Product Consultant & Customer Success
AiDASH

Discover how a diverse group of customers has leveraged AiDASH's solutions to drive transformative change.

Panelists shared insights on enhancing grid resilience, optimizing vegetation management, and making communities safer and more sustainable.

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Co-op innovation: Meeting increased demand, minimizing disruptions, and mitigating risk

In an era of rapid technological advancement and evolving consumer expectations, electric cooperatives are at a pivotal crossroads.

This session explored innovative strategies that cooperatives can adopt to effectively meet the surging demand while minimizing service disruptions and mitigating risks associated with aging infrastructure as well as environmental and operational challenges.

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JACOB BARLOW
VP of Engineering and Operations,
Randolph EMC



DON BOWMAN
VP of Engineering and Operations, and
Assistant General Manager, **Wake EMC**



OJ JOHNSON
Construction and Right of Way
Supervisor, **Mitchell EMC**



DRAGAN SAVIC
Manager, Engineering
ENWIN Utilities



GARY HUNTLEY MODERATOR
Retired VP of Distribution Services

KEY INSIGHTS:

- Utilities need real-time data to help them deal with extreme weather events.
- Linemen have proven to be rapid technology adopters.
- Data-driven insights are essential for improving communication and transparency with co-op members.
- Technology is critical for helping co-ops manage OpEx in multiple areas, like hardware lifecycles and trim costs.



Regulators' roundtable: Leveraging AI to enhance grid reliability and manage costs

KEY INSIGHTS:

- State and federal regulators work with utilities as they explore technologies to enhance grid resilience in a way that benefits ratepayers.
- Regulators are increasingly using data and analytics to shepherd the investments utilities are making, and then measure the return from those programs.
- Collaboration between regulators and utilities fosters a proactive approach to modernizing infrastructure, meeting today's energy demands—and preparing for tomorrow's.



ERIK M. HELLAND
Chair
Iowa Utilities Commission



DAVANTE LEWIS
Commissioner
Louisiana Public Service Commission



DE'KEITHER STAMPS
Commissioner
Mississippi Public Service Commission



NEIL CHATTERJEE
Former Commissioner and Chairman
Federal Energy Regulatory Commission (FERC)

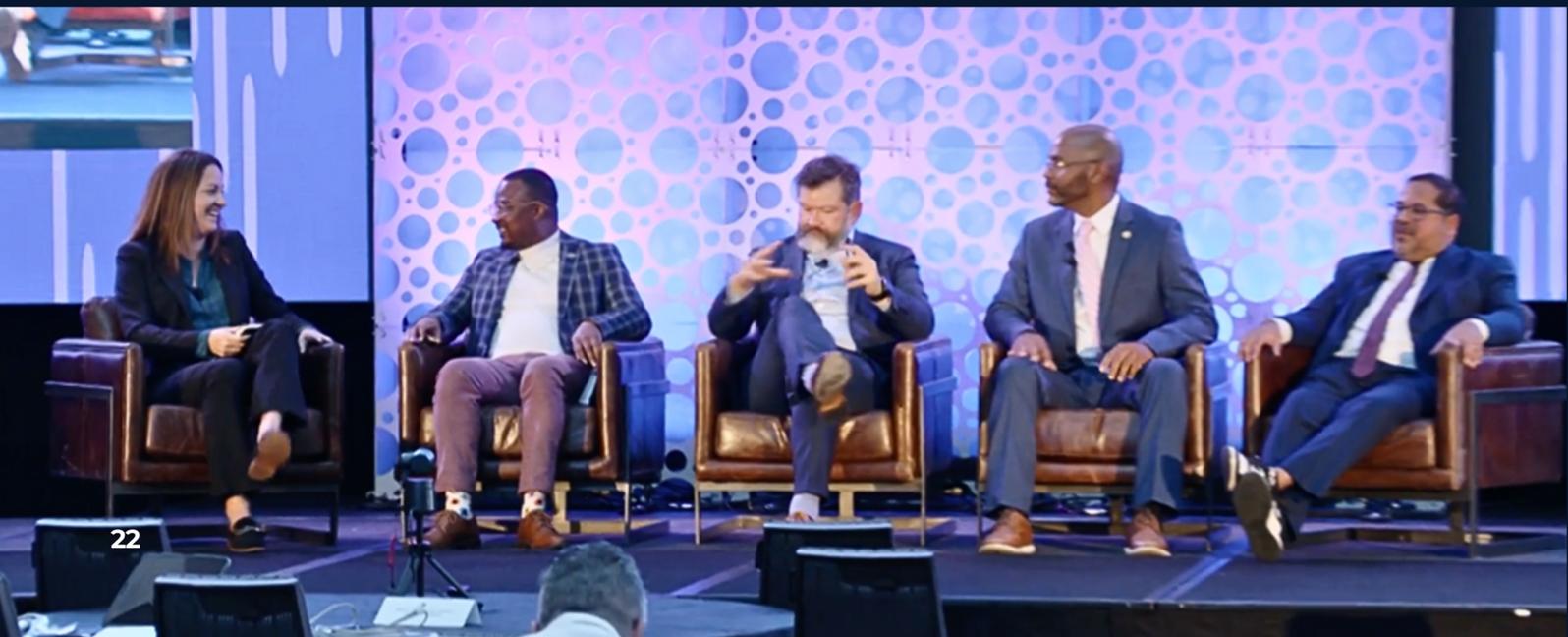


ANGELA NAVARRO **MODERATOR**
President
ALN Policy & Law

Learn from state commissioners and customer advocates as they discuss regulatory challenges and best practices.

Hear them share their perspectives on balancing reliability, costs, and resilience through innovative vegetation management.

[READ MORE](#)





Embracing biodiversity for a sustainable future

KEY INSIGHTS:

- By integrating biodiversity into your utility planning, you create opportunities to turn risks into rewards and strengthen your bottom line.
- Thanks to the UK's approach to measuring biodiversity—which many countries are embracing—there's no need for utilities to start from square one to start planning for and benchmarking biodiversity.
- Building the case for biodiversity takes time and cooperation, but you can avoid pitfalls.



NICK WHITE
Principal Advisor, BNG
Natural England



SALLY HAYNS
CEO, Chartered Institute of Ecology and
Environmental Management (**CIEEM**)



SHASHIN MISHRA **MODERATOR**
Vice President of EMEA
AIDASH

Championing biodiversity is good for business as well as the planet.

Following the UK's new Biodiversity Net Gain (BNG) rules, biodiversity regulations are increasing around the globe to safeguard our food chain and environmental health. Learn how U.S. utilities benefit by staying ahead of the curve.

[READ MORE](#)



Biodiversity net gain for water and energy utilities at scale

This panel explored how water and energy utilities are integrating Biodiversity Net Gain (BNG) and natural capital to balance the needs of critical water infrastructure with sustainable environmental stewardship.

It delved into the challenges and opportunities of embedding biodiversity into water utility operations, including regulatory compliance, partnerships with landowners, and the use of technology to monitor and enhance natural capital.

The panelists shared their insights from implementing these concepts, focusing on real-world benefits like water quality improvement, flood risk reduction, and sustainable land management.

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JACK LOMAS

Emerging Technology Lead, Capital Design and Delivery, **Severn Trent**



CAROLYN CADMAN

Director of Natural Resources **South West Water**



KATHLEEN FILLIER

Environment Analyst **Newfoundland Power**



SHASHIN MISHRA

Vice President of EMEA **AIDASH**

MODERATOR

KEY INSIGHTS:

- Utilities can build success by breaking technology and information silos and fostering digital maturity.
- Balancing biodiversity goals with operational goals is a must: Key approaches include aligning timelines and governance, leveraging price reviews, and tracking and communicating impacts to stakeholders.
- Natural capital and sustainability initiatives enhance public trust and engagement.





Managing emerging critical risks: A case study of DHS and climate risk



ASHLEY HARRIGAN
Deputy Director of Resilience Policy
Department of Homeland Security



ALFRED BENDER
Deputy Director for Risk Policy
Department of Homeland Security

The Department of Homeland Security (DHS) has a wide range of roles in building national resilience.

In this session, they discussed an actionable framework utilities can adopt to think about their own current and future risks, and how they can work together with government agencies, regulators, and other bodies.

KEY INSIGHTS:

- The Department of Homeland Security's role in the climate change risk reduction space includes a wide array of challenges.
- There's an actionable framework organizations can use to think about future risks within their own organizations.
- The work that critical infrastructure companies are doing to reduce risk is a critical component of building national resilience.



Securing tomorrow together. Transforming systems for climate resilience

KEY INSIGHTS:

- Utilities must balance technology interventions with strategic, long-term planning to ensure effective vegetation management.
- Climate resilience needs a strategic approach, which involves educating stakeholders and leveraging technology, including satellites, AI, and data-driven predictive modeling.
- Transformative change requires a balanced, global approach that includes bringing AI analytics into operations control centers as well as recognizing the importance of real-time data management, integration, and governance.



ARUN MANI

Principal, Deal Advisory and Strategy
KPMG LLC



ANGUS MCPHERSON

Global Solution Architect – Power & Grid,
Schneider Electric



JOHN ALFORD

Management Consulting Senior Manager
Accenture



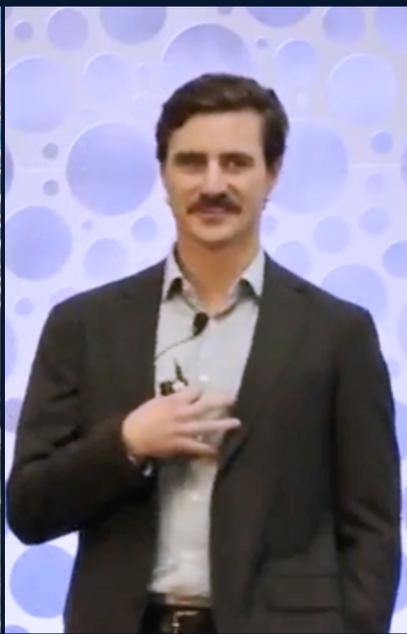
SACHIN GUPTA

VP Digital Solutions
TRC Companies

This session explored innovative approaches to building climate resilience through systemic transformation in partnership with AiDASH.

Four industry leaders—KPMG, Schneider Electric, Accenture, and TRS Companies—shared their insights and strategies for creating a more sustainable and adaptable future.

[READ MORE](#)





Securing tomorrow together: Satellite and cloud foundations

This session focused on the pivotal role that satellite data and cloud technologies play in building resilient, future-ready systems.

Experts from UP42, Maxar, and AWS each presented their perspectives, offering insights into how their platforms leverage satellite imagery and cloud infrastructure to enhance decision-making, optimize operations, and address climate-related challenges. Gain a deeper understanding of the transformative potential of these technologies in driving sustainability and innovation across industries.

[READ MORE](#)



SEAN WIID

Chief Executive Officer
UP42



BRYAN SMITH

Director of Product Management
2D Product Portfolio, **Maxar**



MARCO MASCIOLA

Senior Partner Solutions Architect
AWS

KEY INSIGHTS:

- Vegetation management challenges in today's climate are mounting, but so are opportunities to leverage satellite and cloud technology to meet future energy needs.
- Satellite imagery is becoming more available, with improved resolution and clearer views of lines—but there are also potential issues.
- Utilities gain more precise analytics and insights from improved satellite imagery, which they can integrate into workflows.





Masterclasses in modern vegetation management



LAWRENCE J. KAHN

Director, Utility Vegetation Management Institute, and Adjunct Professor
Tulane University Law School, Center for Environmental Law

MODULE 1: MODERN TECHNOLOGIES IN VEGETATION MANAGEMENT: AI AND REMOTE SENSING

This module explained how AI algorithms and remote sensing techniques are revolutionizing vegetation management practices. Participants learned how these technologies enable utilities to adopt precise vegetation mapping, tactical risk assessment, and optimized decision-making. They also gained an understanding of how AI works and what remote sensing is, the tools used, what kind of data is collected, and how it's processed. Plus, they learned what the first academic pilot study revealed about the use of AI-enhanced remote-sensing data in utility vegetation management.

MODULE 2: FINANCIAL STRATEGIES FOR VEGETATION MANAGEMENT: CAPITALIZATION VS. OPEX & PBR

This module explored the financial aspects of implementing modern technologies in vegetation management. Participants learned how to build a compelling business case for technology adoption and gained an understanding of the long-term benefits of capitalization compared to relying on operational expenditures for utility vegetation management—and how this would be viewed through a performance-based review (PBR) system.

They also assessed the differences between capital expenditures (CapEx) and operating expenditures (OpEx), the current state of OpEx

financing of utility vegetation management programs, issues surrounding this form of financing, the possibility of switching to CapEx financing, and more—including next steps on how utilities can implement these changes.

MODULE 3: WILDFIRE MITIGATION AND STORM RESILIENCE IN A CHANGING CLIMATE

This third and final module explored how technology can help utilities proactively mitigate wildfire risks and improve storm resilience in the face of a changing climate. Participants discovered strategies for leveraging these technologies to minimize outages and improve response times—and ensure a more reliable grid, thereby reducing litigation risk.

They learned about the extent of annual wildfire and outage damages as well as an overview of tree and powerline conflicts, including historical approaches to resolving challenges.

The module also covered challenges with current UVM strategies; considerations for Right Tree/Right Place, Trees for Energy Conservation, strategies to support nurseries and tree planting and maintenance in service of mitigating risk and building resilience; using traditional ecological knowledge (TEK); recommendations made by the Utility Vegetation Management Institute (UVMI); and more.



2024 PRODUCT DEMO SUITE

Throughout AiDASH Evolve 2024, attendees gathered at the product demo suite to learn more about the solutions that are changing the ways critical infrastructure industries monitor and manage vegetation and assets, enhance grid reliability, and enhance biodiversity—from both AiDASH and partners.

IVMS

INTELLIGENT VEGETATION MANAGEMENT SYSTEM™

Improve reliability. Reduce costs.

1+ MILLION

miles of T&D lines monitored

5-20%

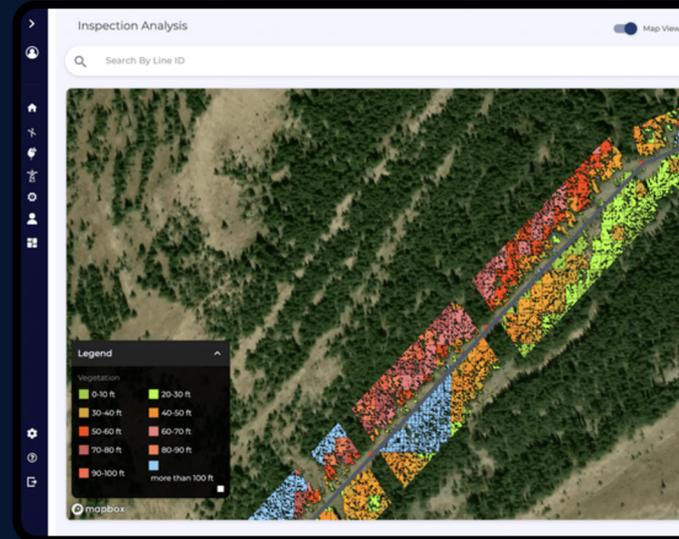
lower vegetation management expenses

3+ MILLION

miles of T&D lines processed by AiDASH's AI engine

10-20%

better grid reliability



AIMS

ASSET INSPECTION & MONITORING SYSTEM™

Remotely monitor your T&D assets.

30-70%

reduction in asset conflation time and costs

35%

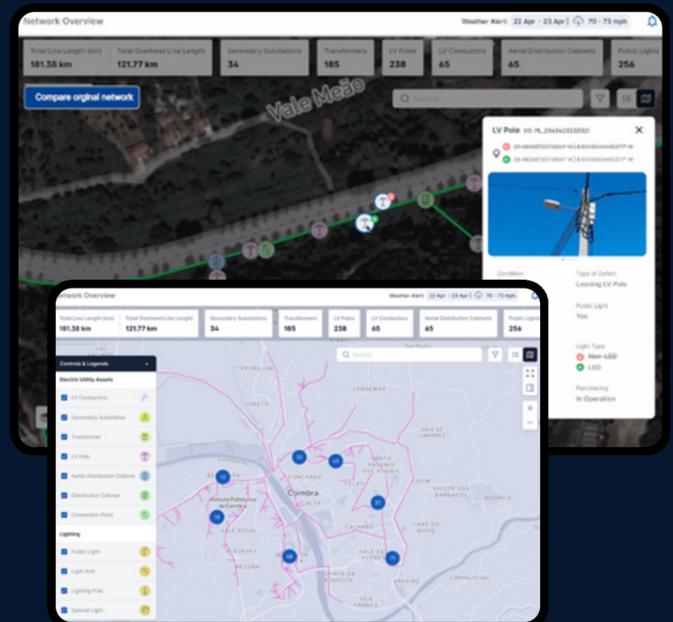
lower costs for asset conflation

ACCURATE

asset inventories in weeks, not years.

2X

faster asset inspection



CRIS

CLIMATE RISK INTELLIGENCE SYSTEM™

Mitigate wildfires and storms with better situational awareness.

72 HRS
advance predictions
for storm risks

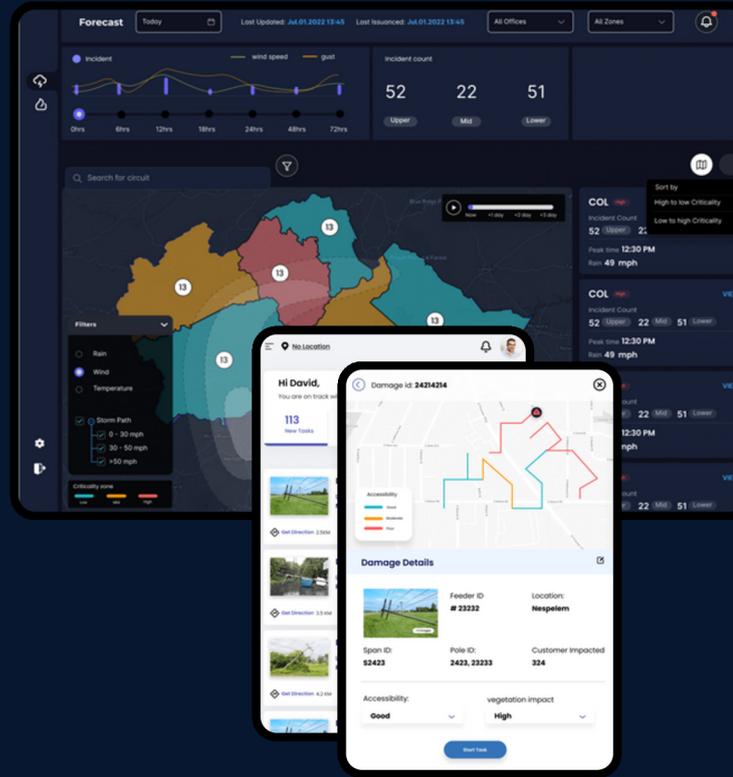
30%
faster storm
restoration

3-7 DAYS
wildfire risk and
spread forecasts

25%
lower storm
costs

85%
accuracy forecasting
storm-related outages

15%
fewer power outages
during storms



BNGAI™

BIODIVERSITY NET GAIN ARTIFICIAL INTELLIGENCE™

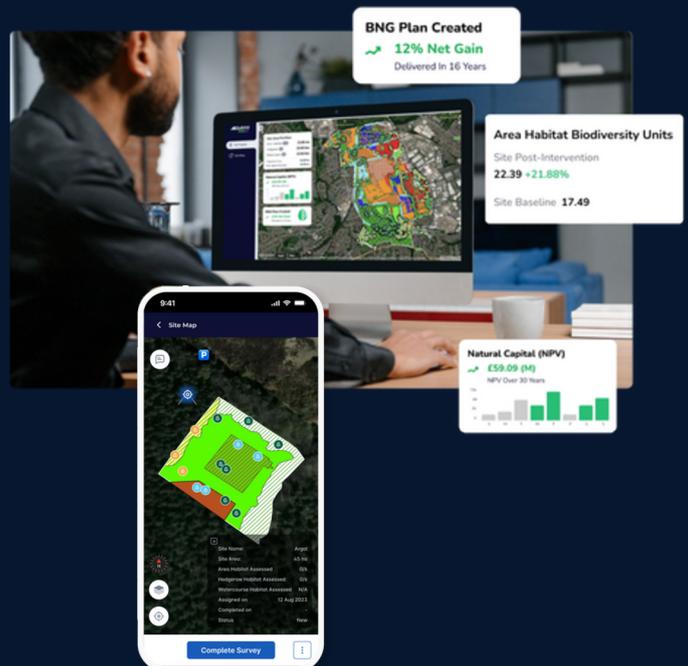
Monitor and improve biodiversity.

ACCURATE
biodiversity and natural
capital assessments

70%+
faster than manual
methods

TRUSTED
by the leading developers
and ecologists

50%+
cost reduction with
full compliance



AWARDS

At AiDASH Evolve 2024, our theme was “securing tomorrow,” an ambitious goal that requires innovation, leadership, and collaboration. To celebrate those who are making a significant impact towards this goal, we created the inaugural AiDASH Evolve Awards. We’re proud to announce this year’s recipients.



AiDASH
evolve
2024



Reliability Impact
nationalgrid



Wildfire Risk Reduction Impact
UNITED POWER



Outstanding Efficiency Impact
Alabama Power



Biodiversity Impact
South West Water



Visionary Award
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