

## **The Year in Infrastructure and Going Digital Awards Breakout Sessions**

### **Construction**

The future of construction holds great potential with the integration of smart technologies and devices that aim to simplify the complex challenges faced in construction management. However, the true value lies in unlocking the data collected by these smart technologies and devices, and then transforming it into actionable infrastructure intelligence.

In this session, industry experts will explore how connecting contract, project, and document management data with 3D/4D constructible models enables a single view of truth that is reshaping the way that our industry delivers projects. Learn how advanced analytics and visualization capabilities are enabling project teams—in the office and field—to monitor and analyze project data in real-time, helping identify issues early on, optimizing project performance, and improving project outcomes.

### **Energy**

As the fundamental driver of global industrial growth and economic development, energy infrastructure is undergoing a radical transformation driven by decarbonization, electrification, decentralization, and energy security requirements.

To support this transition, energy production and delivery companies are investing to modernize, electrify, and increase energy service reliability and asset resilience using data-centric approaches and digital capabilities that deliver smarter, more sustainable outcomes.

In this session, industry experts will explore user innovations in energy infrastructure intelligence across production and delivery lifecycles. Learn how data-centricity, interoperability, and digital twins are essential for designing, building, and operating sustainable energy infrastructure that is becoming more interconnected and interdependent.

## Transportation

Facing aging infrastructure, population growth, and increased demand, transportation owners and contractors need intelligent, innovative solutions to deliver the transport networks that today's world requires. By implementing data-centric digital workflows and strategies, transportation agencies and their partners can leverage new capabilities to make better decisions and deliver better outcomes, transforming how transportation assets are designed, built, and operated.

In this session, industry leaders will explore how digital twins can improve performance across the asset lifecycle. Learn how transportation agencies are turning data into infrastructure intelligence with digital twins above and below ground, and how artificial intelligence (AI) and machine learning (ML) capabilities are being developed across Bentley's portfolio of open engineering applications, enterprise systems, iTwin products, and industry solutions.

## Water and Utilities

Climate change, population growth, and shifting lifestyles have placed tremendous pressure on water agencies to manage water resources safely, securely, and sustainably. To address these growing challenges, forward-thinking leaders are implementing digital capabilities and intelligent solutions to ensure that water infrastructure meets sustainability and resiliency goals while achieving better outcomes for the planet.

In this session, industry experts will discuss how digital advancements are impacting the planning, designing, building, and operations of smart and resilient water, wastewater, and stormwater infrastructure. Learn how interoperability, digital twins, IoT sensors, 4D analytics, and artificial intelligence are connecting technologies, systems, and workflows across the water engineering and operations lifecycle.