



4th Infraday Southeast  
July 18, 2024  
Hilton Nashville  
Downtown  
Nashville, TN

	<b><u>July 17</u></b>
6:00-8:00pm	<b><u>Pre-Event Reception</u></b>  Guest Speaker: TBA
	<b><u>July 18</u></b>
7:00am	<b><u>Main Event</u></b>  <b><u>Registration Opens</u></b>
7:50-8:00	<b><u>Opening Remarks</u></b>  Speaker: TBA
8:00-8:30	<b><u>Keynote Panel: Infrastructure Investment – State of the Market</u></b>  The Southeast region is witnessing a surge in infrastructure investment, new projects, and innovation, driving economic growth and prosperity. Governments and private sector entities are channeling substantial funds into the development of transportation networks, including road and rail systems, to enhance connectivity within and beyond the region. Additionally, major urban centers are focusing on the construction of smart cities, integrating advanced technologies and sustainable practices. Innovation hubs are emerging, fostering collaboration between academia, industry, and startups, fueling breakthroughs in fields such as renewable energy, healthcare, and information technology. This infusion of capital and innovation is poised to transform the Southeast into a dynamic and resilient region, attracting both local and international investment.  Moderator: TBA  Panelists: TBA
8:30-9:00	<b><u>Panel: Project Delivery – Delivering Projects More Efficiently and Cost-Effectively</u></b>  Efficient and cost-effective project delivery is crucial in public infrastructure projects, and stakeholders in the Southeast are actively working to improve these aspects. Firstly, there is a growing emphasis on effective project planning and feasibility studies to ensure accurate cost estimations, realistic timelines, and thorough risk assessments. This helps prevent delays and cost overruns during project implementation. Additionally, transparent and competitive procurement processes are being implemented to ensure fair selection of contractors and suppliers,

	<p>fostering competition and driving cost efficiencies. Collaboration between public agencies, private partners, and local communities is encouraged throughout the project lifecycle to ensure effective communication and stakeholder engagement, minimizing conflicts and delays. Furthermore, the integration of digital technologies, such as Building Information Modeling (BIM) and data analytics, enables real-time project monitoring, resource optimization, and effective decision-making. By adopting these measures, the Southeast region aims to deliver public infrastructure projects more efficiently, within budget, and to the satisfaction of the communities they serve.</p> <p>Moderator: TBA</p> <p>Panelists:</p>
<p>9:00-9:30</p>	<p><b><u>Panel: Enhancing Efficiency and Improving Services Through Digital Transformation</u></b></p> <p>Public infrastructure projects in the Southeast are undergoing a digital transformation to enhance efficiency and improve services. Embracing advanced technologies such as Internet of Things (IoT), artificial intelligence (AI), and cloud computing, stakeholders are leveraging real-time data and analytics to optimize project planning, construction, and maintenance. Smart sensors and connected devices enable remote monitoring and predictive maintenance, reducing downtime and enhancing asset performance. Digital platforms facilitate seamless communication and collaboration among project teams, contractors, and stakeholders, promoting transparency and timely decision-making. Furthermore, the integration of digital tools streamlines administrative processes, enabling faster approvals and smoother workflows. This digital transformation is revolutionizing public infrastructure delivery in the Southeast, leading to more efficient project execution and enhanced service delivery for communities.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
<p>9:30-10:00</p>	<p><b><u>Panel: Smart Cities: IoT Technologies are Reshaping Infrastructure</u></b></p> <p>The Southeast region is experiencing a transformative shift in infrastructure development with the advent of smart cities powered by IoT technologies. Urban centers are leveraging IoT sensors, data analytics, and connectivity to enhance the efficiency and sustainability of various infrastructure systems. Smart grids are optimizing energy distribution, reducing waste, and integrating renewable sources. Intelligent transportation systems are improving traffic flow, reducing congestion, and enhancing public transportation services. IoT-enabled waste management systems are optimizing collection routes, minimizing environmental impact, and improving sanitation services. Furthermore, smart buildings are improving energy</p>

	<p>efficiency and occupant comfort through automated systems. This IoT-driven reshaping of infrastructure in the Southeast is creating more livable, sustainable, and technologically advanced cities.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
10:00-10:30	<b>Morning Networking Break</b>
10:30-11:00	<p><b><u>Panel: How will the Inflation Reduction Act Transform Infrastructure Development</u></b></p> <p>The Inflation Reduction Act is set to have a transformative impact on infrastructure development in the Southeast region, fostering economic growth and stability. By targeting inflation reduction, the act aims to control rising costs associated with infrastructure projects. This will create a conducive environment for investment and enable the completion of critical projects. For example, it may lead to the construction of new highways, bridges, and transportation networks, improving connectivity and facilitating trade within the region. Additionally, funds allocated through the act could be utilized for upgrading water and wastewater systems, enhancing resilience and ensuring access to clean water. These investments will stimulate job creation, support local businesses, and enhance the overall quality of life in the Southeast.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
11:00-11:30	<p><b><u>Panel: Improving Equity in Public Infrastructure</u></b></p> <p>Improving equity in public infrastructure is a key focus in the Southeast, aiming to ensure equal access and benefits for all communities. Examples of initiatives include:</p> <ul style="list-style-type: none"> <li>• <b>Transportation Equity:</b> Investing in public transit networks, bike lanes, and pedestrian infrastructure in underserved areas, reducing transportation disparities.</li> <li>• <b>Digital Inclusion:</b> Expanding broadband access to rural and low-income communities, bridging the digital divide and enabling equal access to online resources and opportunities.</li> <li>• <b>Community Facilities:</b> Constructing community centers, libraries, and recreational facilities in disadvantaged neighborhoods, providing essential services and promoting social inclusion.</li> </ul>

	<ul style="list-style-type: none"> <li>• Environmental Justice: Implementing pollution reduction measures near marginalized communities and addressing environmental concerns to safeguard public health and well-being.</li> <li>• Affordable Housing: Integrating affordable housing developments within mixed-use projects, ensuring access to safe and affordable housing near employment opportunities.</li> </ul> <p>These efforts aim to create a more equitable infrastructure landscape in the Southeast, fostering inclusive growth and addressing historical disparities.</p> <p>Moderator:</p> <p>Panelists:</p>
11:30-12:00	<p><b><u>Panel: Technology to Improve Infrastructure Project Performance</u></b></p> <p>Technology plays a pivotal role in enhancing infrastructure project performance in the Southeast across transit, water, energy, and utility sectors. For transit projects, intelligent transportation systems utilize real-time data and smart sensors to optimize traffic management, improve commuter experience, and reduce congestion. In water projects, advanced monitoring and control systems help ensure efficient water distribution, leak detection, and water quality management. Smart grid technologies enable energy projects to optimize power generation, transmission, and consumption, enhancing reliability and sustainability. Additionally, utility projects leverage digital platforms and remote monitoring to improve asset management, maintenance, and service delivery. These technological advancements in the Southeast region enhance project performance, maximize resource utilization, and deliver more efficient and resilient infrastructure systems.</p> <p>Moderator: Nicholas Johnson, Chief Evangelist, <b>Kahua, Inc.</b></p> <p>Panelists: TBA</p>
12:00-12:30	<p><b><u>Panel: Urban Mobility: Rethinking the Future of Transportation</u></b></p> <p>Smart transportation planning is revolutionizing urban mobility in the Southeast, enabling more efficient and sustainable transportation systems. For example, cities are implementing intelligent traffic management systems that utilize real-time data and predictive analytics to optimize traffic flow, reduce congestion, and improve travel times. Advanced technologies like smart parking systems and real-time transit information apps help drivers and commuters find parking spaces and plan their journeys more effectively. Furthermore, the integration of electric vehicles, ride-sharing platforms, and bike-sharing services promotes eco-friendly transportation options. Smart transportation planning in the Southeast is transforming how people move around, enhancing accessibility, reducing environmental impact, and improving overall urban mobility.</p>

	<p>Moderator: TBA</p> <p>Panelists: TBA</p>
12:30-1:30	<b><u>Lunch</u></b>
1:30-2:00	<p><b><u>Panel: Energy Infrastructure – A Sustainable Energy Future</u></b></p> <p>The Southeast region is striving for a sustainable energy future through the development of advanced energy infrastructure. Renewable energy projects, such as solar farms and wind turbines, are being established to diversify the energy mix and reduce reliance on fossil fuels. Additionally, smart grid technologies are being deployed to optimize energy distribution, integrate renewable sources, and enable demand-response programs. Energy-efficient buildings are being constructed, utilizing technologies like smart meters and automated energy management systems. Moreover, electric vehicle charging infrastructure is being expanded to support the adoption of electric transportation. These efforts in the Southeast are driving the transition towards a greener and more sustainable energy sector, contributing to reduced carbon emissions and a cleaner environment.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
2:00-2:30	<p><b><u>Panel: Climate-Resilient Infrastructure</u></b></p> <p>In the Southeast, climate resilient infrastructure is a priority as the region prepares for the challenges posed by a changing climate. Infrastructure projects are incorporating resilience measures to mitigate risks associated with increased flooding, extreme weather events, and rising sea levels. This includes the construction of resilient bridges, stormwater management systems, and flood protection infrastructure. Additionally, the integration of green infrastructure, such as permeable pavements and green roofs, helps manage stormwater runoff and reduce urban heat island effects. By adopting climate resilient infrastructure strategies, the Southeast region is proactively safeguarding its communities, minimizing damage, and ensuring the long-term sustainability and functionality of vital infrastructure systems.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>

<p>2:30-3:00</p>	<p><b><u>Panel: EV Infrastructure</u></b></p> <p>The Southeast region is experiencing significant growth in electric vehicles (EVs) and the development of charging infrastructure. Major cities are establishing EV charging networks to support the adoption of electric transportation. For instance, public charging stations are being installed in parking lots, shopping centers, and along major highways. Additionally, businesses, hotels, and residential complexes are incorporating EV charging facilities to cater to EV owners. Regional partnerships are fostering the expansion of charging infrastructure, such as collaborations between utilities and government entities. These efforts in the Southeast are promoting the widespread use of electric vehicles, reducing greenhouse gas emissions, and advancing the transition towards a more sustainable transportation system.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
<p>3:00-3:30</p>	<p><b><u>Afternoon Networking Break</u></b></p>
<p>3:00-3:30</p>	<p><b><u>Panel: Stormwater Infrastructure</u></b></p> <p>Stormwater infrastructure in the Southeast is crucial for managing heavy rainfall and minimizing the risk of flooding. The region is investing in various stormwater infrastructure projects to enhance resilience. For example, the construction of stormwater detention basins and retention ponds helps control and store excess water during storms. Low-impact development techniques, such as permeable pavement and green roofs, are being implemented to reduce runoff and promote natural infiltration. Furthermore, the installation of stormwater management systems, including catch basins and underground storage, improves drainage and prevents localized flooding. These stormwater infrastructure initiatives in the Southeast aim to protect communities, preserve water resources, and mitigate the impact of extreme weather events.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
<p>3:30-4:00</p>	<p><b><u>Panel: Broadband Development – Bridging the Digital Divide</u></b></p> <p>Broadband development in the Southeast is a key focus to bridge the digital divide and ensure equal access to digital opportunities. The region is implementing various initiatives to expand broadband infrastructure. For instance, governments are partnering with internet service providers to deploy fiber-optic networks in rural and underserved areas. Additionally, programs subsidize broadband service costs for</p>

	<p>low-income households, promoting affordability and accessibility. Mobile broadband deployment enhances connectivity in remote regions. Community centers and libraries are equipped with high-speed internet to provide access to underserved communities. These broadband development efforts in the Southeast aim to reduce the digital divide, empower communities, and foster digital inclusion for all residents.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
4:00-4:30	<p><b><u>Panel: Strategic Airport Infrastructure Projects</u></b></p> <p>Strategic airport infrastructure projects in the Southeast are driving economic growth and enhancing connectivity. Major airports in the region are undergoing expansions and upgrades to accommodate increasing passenger traffic and improve operational efficiency. For example, Atlanta's Hartsfield-Jackson International Airport is implementing a multi-billion dollar expansion plan to enhance capacity and modernize facilities. Charlotte Douglas International Airport is constructing a new terminal to accommodate growing passenger demand. Additionally, Orlando International Airport is investing in new runways and passenger amenities. These projects aim to support tourism, attract business investments, and strengthen the Southeast's position as a regional hub for air travel and cargo transportation.</p> <p>Moderator: TBA</p> <p>Panelists: TBA</p>
4:30-5:00	<p><b><u>Panel: Enhancing Rail Infrastructure</u></b></p> <p>Rail infrastructure investment and development in the Southeast region are fueling connectivity, efficiency, and economic growth. Major projects include the Southeast Rail Corridor, which aims to enhance passenger and freight rail connections between key cities such as Atlanta, Charlotte, and Jacksonville. Additionally, the expansion of existing commuter rail systems, like SunRail in Florida and Music City Star in Tennessee, improves regional transportation options. Freight rail infrastructure investments, such as the Birmingham Intermodal Facility and the Port of Savannah rail expansion, boost efficient cargo transportation. These rail initiatives in the Southeast region enhance connectivity, alleviate congestion, and facilitate the movement of goods and people, contributing to sustainable development and economic prosperity.</p> <p>Moderator: TBA</p>



	Panelists: TBA
5:00	<b><u>Event Close and Closing Reception</u></b>