

# GLOBAL TOLLING SUMMIT



# ATHENS, GREECE

NOVEMBER 11-14, 2023

HOSTED BY



IN PARTNERSHIP WITH



# WELCOME TO ATHENS, GREECE!



Welcome to Athens and IBTTA's 2023 Global Tolling Summit. We're glad you're here!

Have you ever noticed what happens when you start wearing a new pair of sunglasses or a new windbreaker? You start to notice all the sunglasses and windbreakers that everyone else is wearing. It's impossible for you not to notice these things.

Something similar happened to me when I selected "Bridging the Gap" as my presidential theme for 2023. I began to notice that a lot of other groups also like to use the phrase "Bridging the Gap."

Recently I was flipping through the pages of my local newspaper and read a story about a reading program to help children catch up on their literacy skills. The program, called "Bridge the Gap," was started in 1995 and since then has transformed itself into an organization serving about 400 students a year with 15 paid employees, about 100 volunteers, and an annual budget of approximately \$3 million. What a great idea to help kids get ahead, to climb the next rung of their educational ladder.

I chose the theme "Bridging the Gap" because I wanted to help our industry focus on connecting the past and present, the old and the new. We have a lot of experienced, senior people in our industry who populate our meetings. But we also have a growing crop of younger folks who are early in their careers, eager to learn from the veterans and take the next big steps in their careers. We need to find ways to bridge the gap between the experience and wisdom of the veterans and the energy and passion of the emerging leaders in our midst.

The other reason I chose the theme "Bridging the Gap" is similar to the motivation behind the literacy program described in my local newspaper. There's a gap in our society between the highly educated and the less well-educated. So this year, to help close that gap, we held several successful book drives in the communities in which we met for IBTTA meetings. And we donated the books to a local organization that made sure to put the books into the hands of kids who need them. It's a small gesture but an important one.

I am honored to have had the chance to serve as your President this year. During this summit, I hope you'll take full advantage of the opportunities to network, learn, and grow. By the end of the summit, I hope you'll be inspired and equipped to Bridge the Gap in your own organizations.

Sincerely,

A handwritten signature in blue ink that reads "Andrew B. Fremier". The signature is fluid and cursive, written in a professional style.

**Andrew B. Fremier, P.E.**  
IBTTA President  
Executive Director  
Bay Area Toll Authority  
Metropolitan Transportation Commission  
San Francisco, California, USA

## CO-CHIEF MEETING ORGANIZERS



**Greg Le Frois, P.E.**  
Senior Vice President, Vice Chairman  
Toll Services, HNTB Corporation  
Parsippany, NJ



**Charalampos "Harris" Malimoglou, MBA**  
Technical Advisor, HELLASTRON,  
COO InVision Consulting SA  
Athens, Greece



## HOTEL INFORMATION

Grand Hyatt Athens  
115, Syngrou Avenue  
Athens, Greece, 11745  
Phone: +30 214 402 1234

## EVENT FAQs

**BADGES:** Badges are required to gain entry into all sessions.

**CERTIFICATION/PROFESSIONAL DEVELOPMENT HOURS:** IBTTA recognizes the need for professional engineers and planning professionals to demonstrate continuing professional competency in their respective fields and earn certification maintenance (CM) credit or professional development units (PDU). IBTTA will provide interested attendees with a certificate of attendance following the workshop.

**CODE OF CONDUCT:** IBTTA is committed to the principles of diversity, inclusion, integrity, civility, and respect in all of our activities. View the full Code of Conduct at: [www.ibtta.org/conduct](http://www.ibtta.org/conduct).

**COMPETING EVENTS:** It is against IBTTA policy for other organizations to schedule events or meetings during the program.

**CONSIDERATIONS:** During the meeting, please silence all cellular phones and take side conversations outside of the room.

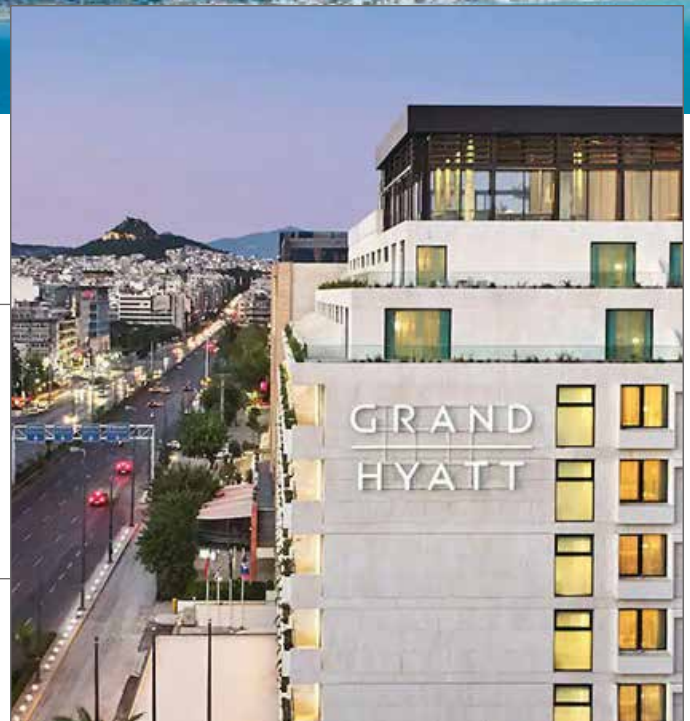
**DRESS:** Business or business casual is encouraged for all sessions unless otherwise noted. Dress for other events is noted on the event description.

**MEDIA:** Credentialed members of the media are permitted to attend meeting sessions only, but must be registered and have a badge.

**IBTTA APP:**



Scan the QR code with your smartphone to download the IBTTA app



**MEMBER PUBLICATIONS AND COLLATERAL:** All members of IBTTA are welcome to place their publications in the registration area.

**PRESENTATIONS AND VIDEO RECORDINGS:** All sessions will be recorded unless otherwise noted. Presentations and recordings are available to IBTTA members, via the IBTTA website, following the close of the conference. Visit [www.IBTTA.org/past-events](http://www.IBTTA.org/past-events).

**REGISTRATION FEES AND EVENT TICKETS:** Delegate and Speaker fees include all meals, functions and sessions. Check with the registration desk to see if guest tickets are available for evening or other events.

**SATISFACTION SURVEY:** Help IBTTA improve future meetings by completing the survey that will be emailed to you following the conference.

**SOLD OUT EVENTS:** If you are interested in attending a function that is listed as "sold out," check with the registration desk for possible "day of" availability.

**SPECIAL ACCOMMODATIONS:** If you need special accommodations to fully participate in IBTTA events, please notify the staff at the IBTTA registration desk.

**SPONSOR/EXHIBITOR INFORMATION:** Please support our generous sponsors and exhibitors by reviewing the Sponsor and Exhibitor section of this program and spending time in the Exhibit Hall.



**WI-FI**

Network Name: **GlobalSummit**

Password: **IBTTA2023**



**LEADERSHIP ACADEMY ALUMNI**

This designation reflects an alum of IBTTA's Leadership Academy. You'll see this designation throughout the program.

# ABOUT OUR HOST & PARTNER AGENCIES

## ABOUT OUR HOST AGENCY



HELLASTRON (Hellenic Association of Toll Road Networks) was founded in 2014. The membership of Hellastron are the agencies below that represent all of the modern highways and toll infrastructures operating in Hellas (Greece).



[www.aodos.gr](http://www.aodos.gr)



[www.gefyra.gr](http://www.gefyra.gr)



[www.egnatia.eu](http://www.egnatia.eu)



[www.neaodos.gr](http://www.neaodos.gr)



[www.moreas.com.gr](http://www.moreas.com.gr)



[www.aegeanmotorway.gr](http://www.aegeanmotorway.gr)



[www.olympiaodos.gr](http://www.olympiaodos.gr)



[www.kentrikiodos.gr](http://www.kentrikiodos.gr)

HELLASTRON was created to promote the professional, scientific, research, social and educational issues related to road transport in Greece. Learn all about HELLASTRON at [www.hellastron.com](http://www.hellastron.com).

## ABOUT OUR PARTNER AGENCY



Association Européenne des Concessionnaires  
d'Autoroutes et d'Ouvrages à Péage



Dr. Josef Fiala, CFO, ASFINAG and President of ASECAP, speaks to the attendees at the IBTTA Annual Meeting in Seattle, Washington.

ASECAP is the European Association of Operators of Toll Road Infrastructures, whose members' networks today span more than 86,000 km of motorways, bridges and tunnels across 19 member countries (Austria, Croatia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Morocco, the Netherlands, Poland, Portugal, Serbia, the Slovak Republic, Slovenia, Spain, Turkey, the United Kingdom). Furthermore, ASECAP has an Advisory Group Partner, KAPSCH. ASECAP's purpose is to defend and develop the system of motorways and road infrastructures in Europe applying tolls as a means to ensure the financing of their construction, maintenance and operation. Moreover, ASECAP exchanges among its members information regarding the construction, maintenance and operation of toll infrastructure, and promotes and organises study meetings for its members on technical, administrative and financial issues aimed at the deployment of efficient traffic management, providing to the end users a high quality road service at an appropriate cost. For that purpose, it also collects technical and statistical data and participates in select projects.

ASECAP maintains relations with relevant international organisations, the EU institutions and the industry's main stakeholders, protecting the interests of ASECAP members regarding the deployment of a holistic cooperative transport approach. Learn more at [www.asecap.com](http://www.asecap.com).



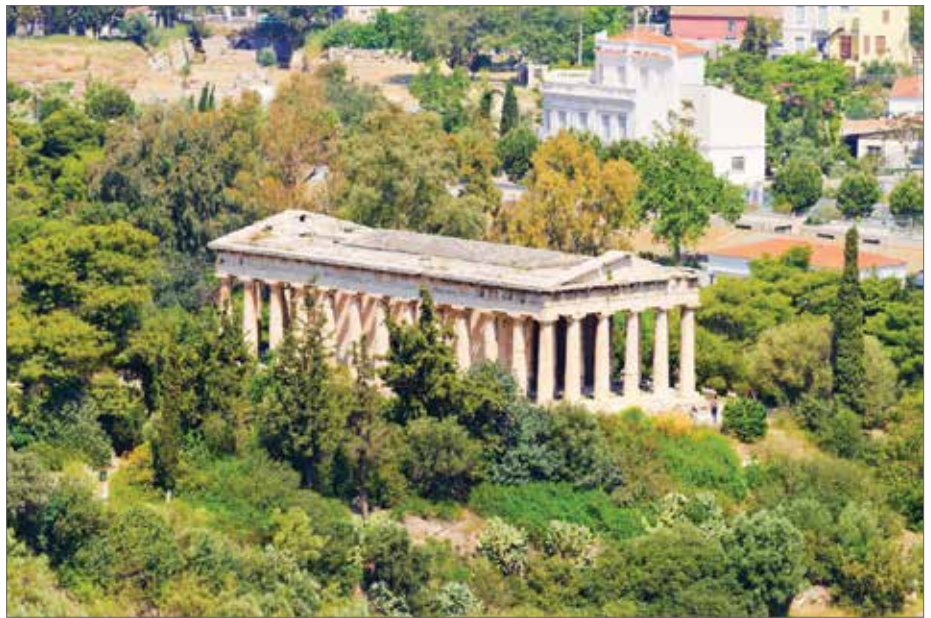
## BUS & WALKING TOUR OF ATHENS

**Saturday, November 11, 2023 | 8:30am - 2:30pm**

Individual Participation Fee: \$85.00

(Includes lunch and Acropolis Museum ticket)

**Important Note:** There will be walking on both paved roads and uneven pavement/footpaths in the old city. Please wear comfortable walking shoes and get ready for a very special city tour of Athens!



This tour is a great way to get your bearings in Athens, hear from some Athens experts, and walk parts of the old city before enjoying a traditional lunch together. There are four parts to this tour:

### **PART 1:**

**On the bus**, our tour will wind through the city where you'll see famous sites including:

- The Arc of Hadrian
- Temple of Olympian Zeus
- Greek Parliament (watching the Guards Change)
- National Archeological Museum
- Omonia Square
- Old Greek Parliament
- Academy of Athens, University of Athens, and National Library Greece
- Syntagma Square

### **PART 2:**

**A magnificent museum**, we'll stop and enjoy the Acropolis Museum, which houses more than 3,000 famous artifacts from the Athenian Acropolis, the most significant sanctuary of the ancient city. Architect Bernard Tschumi's new Acropolis Museum, with extensive use of glass, ensures breathtaking views of the Acropolis, the surrounding historic hills and the modern city of Athens and immediate views of the archaeological excavation that lies below the Museum, visible through large expanses of glass floor.

### **PART 3:**

**A short walk through the old city and lunch** – following our museum visit, we'll walk (unhurriedly) towards Monastiraki Square through the narrow alleys of the old area of the city of Athens known as "Plaka." Our destination is lunch and a bit of shopping time.

### **PART 4:**

**Heading back with sites on the way** – after lunch, a bit more walking...via The Ancient Agora of Athens, the heart of ancient Athens, the core of political and social activity, where everyone from philosophers and priests to politicians and prostitutes crossed paths. We'll pass the famous Temple of Hephaestus and the Thission Square. We'll find our bus and then have a short ride back to the hotel where we'll arrive by 2:30pm!





## TECHNICAL TOUR OF THE OLYMPIA ODOS OPERATIONS CENTER & ARCHEOLOGICAL TOUR OF ANCIENT CORINTH

**Sunday, November 12, 2023 | 8:30am - 4:00pm**

Individual Participation Fee: \$40.00

(Includes lunch)

**Important Note:** There will be some walking on this tour so please wear comfortable walking shoes!



The Olympia Odos Tollway, operating 277 kilometers, is part of the main backbone of HELLASTRON's network that connects three regions of the country (Attica-Peloponnese and Western Greece) as well as the capital of Greece with the most important gateway to Europe, the port of Patras.

The special characteristics of the Tollway are the extremely high traffic during peak periods, the geographical relief of the areas it passes through, and the large amount of technical work that it took to build the current operations. There are 29 tunnels (more than 25 kilometers), 95 bridges, 37 junctions and more than 300 over and underpasses which highlight the complex operation of the project on a daily basis.

Your short visit to the operation center of Olympia Odos will give you the opportunity to see the innovative operations of the system including the "water from air" program. This program offers travelers free, clean drinking water produced by the air humidity with the help of the sun. You'll also learn about the management and operation methods of the highway that make it one of the safest motorways in Europe.

Following the technical tour (and since we're so close!), we will continue our journey to the archaeological site of Ancient Corinth, one of the most important and powerful "city-states" of Ancient Greece. Ancient Corinth's history dates to the Neolithic years (5000-3000 BC) and is one of the best examples of ancient Greek civilization.

As we travel to the archeological site of Ancient Corinth, we'll have a short stop to see the Corinth Canal, an artificial canal that connects the Gulf of Corinth in the Ionian Sea with the Saronic Gulf in the Aegean Sea. It cuts through the narrow Isthmus of Corinth and separates the Peloponnese from the Greek mainland, arguably making the peninsula an island. The canal was dug through the Isthmus at sea level and has no locks. It is 6.5 kilometers in length and only 24.6 meters (80.7 feet) wide.

Finally, and before we return to the hotel, you will have the opportunity to enjoy a meal at a local restaurant, hosted by Olympia Odos SA, the Concession company of Olympia Odos Tollway and your host for this unique day!

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## WELCOME RECEPTION IN THE EXHIBIT HALL

**Sunday, November 12, 2023 | 5:00pm - 6:30pm**

Kick off your Summit experience in the exhibit hall reception on Sunday evening. This is your chance to explore the latest toll industry innovations without having to rush off to another activity. Make the most of this dedicated time with your exhibit hall colleagues!

See the list of exhibitors on page 17.



## EVENING AT THE MARKOU WINE MUSEUM

**Monday, November 13, 2023 | 7:00pm - 10:30pm**

Buses provided.

Dress: Cocktail Attire suggested.

Surrounded by historic architecture with a verdant natural beauty, Markou Winery consists of two exquisite elements—the Markou vineyards in Peania and the Wine Museum in Pallini.

The 150-year-old family traditions of wine production have been nicely preserved by the Markou Family.

Combining architectural perfection with the love for the history of wine, the wine museum is the jewel of the Markou family.

Join your friends and colleagues for a great evening of special wines, local food and surprises, all courtesy of our Host Agency, Hellastron!

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## SATURDAY, NOVEMBER 11, 2023

**8:30am - 2:30pm**

**SPECIAL TOUR**

**BUS & WALKING TOUR OF ATHENS**

*\$85.00 individual fee*

*Requires advance registration and includes lunch and Acropolis Museum ticket.*

The bus will load at 8:15am from the hotel lobby, and leave promptly at 8:30am.

See page 5 for details.

## SUNDAY, NOVEMBER 12, 2023

**8:30am - 4:00pm**

**TECHNICAL & ARCHEOLOGICAL TOUR**

**OLYMPIA ODOS OPERATIONS CONTROL CENTER & ARCHEOLOGICAL TOUR OF ANCIENT CORINTH**

*\$40.00 individual fee*

*Requires advance registration and includes lunch.*

Join us for a tour that combines a technical visit to the Operation and Traffic Management Center of Olympia Odos with a visit to one of the most interesting archaeological sites in Greece, the "Ancient Corinth."

The buses will load at 8:15am from the hotel lobby, and leave promptly at 8:30am.

See page 6 for details.

**9:00am - 3:00pm**

**EXHIBITS SET UP**

*(Cyclades Ballroom)*

**3:00pm - 6:00pm**

**REGISTRATION**

*(Parthenon Foyer)*

**5:00pm - 6:30pm**

**RECEPTION**

*(Cyclades Ballroom)*

**WELCOME RECEPTION IN THE EXHIBIT HALL**

*(included in registration fee)*

See page 7 for details.

## MONDAY, NOVEMBER 13, 2023

**BREAKFAST:** For guests staying in hotel, breakfast is served in the hotel restaurant and included in your room fee.

**7:30am - 5:30pm**

**REGISTRATION**

*(Parthenon Foyer)*

**8:30am - 9:00am**

**OPENING REMARKS**

*(Parthenon Ballroom)*

**Patrick Jones**, Executive Director and CEO, International Bridge, Tunnel and Turnpike Association, Washington, DC, USA

**Andrew B. Fremier, P.E.**, Executive Director, Bay Area Toll Authority/ Metropolitan Transportation Commission and IBTTA President, San Francisco, California, USA

**ASECAP Partner Remarks**

**Josef Fiala**, Chief Financial Officer, ASFINAG and President, ASECAP, Vienna, Austria

**Host Agency Recognition**

**Manos Vrailas**, President, HELLASTRON and President of the Board Nea Odos SA and Kentriki Odos SA, Athens, Greece and

**Bill Halkias, PE, F. ASCE, F. ITE**, President Emeritus, HELLASTRON and IBTTA First Vice President, Athens, Greece

**Chief Meeting Organizer (CMO) Recognition**

**Charalampos "Harris" Malimoglou, MBA**, Technical Advisor, HELLASTRON, COO InVision Consulting SA Athens, Greece

**Greg Le Frois, P.E.**, Senior Vice President, Vice Chairman, Toll Services, HNTB Corporation, Parsippany, New Jersey, USA

**Remarks from the Greek Ministry of Infrastructure & Transport**

**Christos K. Staikouras, Ph.D., MBA**, Minister of Infrastructure & Transport, Athens, Greece

**Update on Infrastructure Development and Restoration in Ukraine**

**Mustafa-Masi Nayyem**, Head of Agency for Restoration and Infrastructure Development of Ukraine



**9:00am - 10:30am**

**GENERAL SESSION**

*(Parthenon Ballroom)*

**THE FUTURE OF MOBILITY**

Mobility is one of the hottest issues the motorway industry is facing. Recent events have contributed to new concepts in mobility, as well as challenges—such as the COVID-19 pandemic, which drastically changed the way our communities work and move. The evolution of technology for the use of alternative fuels and batteries, coupled with the energy crisis, focused attention on the composition of the global fleet, fuel consumption, fuel pricing, and electrification. And the prospect of autonomous and connected vehicles, artificial intelligence, striving for smarter cities, and the growth in community demands for a greener planet, define a new context for Mobility. Join us for a moderated discussion with the Presidents of IBTTA, ASECAP, IRF and PIARC, who will discuss their view and the views of these four prestigious associations on the ways to obtain the required funding to meet the challenges of providing sustainable mobility and maintaining the resilience of the road infrastructure.

**MODERATOR: Bill Halkias, PE, F. ASCE, F. ITE**, President Emeritus, HELLASTRON and IBTTA First Vice President, Athens, Greece

**Andrew B. Fremier, P.E.**, Executive Director, Bay Area Toll Authority/ Metropolitan Transportation Commission and IBTTA President, San Francisco, California, USA

**Josef Fiala**, Chief Financial Officer, ASFINAG and President, ASECAP, Vienna, Austria

**Anouar Benazzouz**, Director General, Autoroutes du Maroc (ADM) and President, International Road Federation (IRF), Rabat, Morocco

**Nazir Alli**, President, World Road Association (PIARC), Johannesburg, South Africa

**10:30am - 11:00am**

**REFRESHMENT BREAK WITH EXHIBITORS**

*(Cyclades Ballroom)*

**11:00am - 12:30pm**

**GENERAL SESSION**

*(Parthenon Ballroom)*

**TOLLING TECHNOLOGY**

In recent years we have witnessed significant advancements in tolling technology. Innovative technologies are enabling toll operators to provide greater customer service while also reducing operational costs. This session will focus on recent success stories and technological developments that are deployed or ready to be deployed to further improve the user experience and reduce operational costs for road pricing projects.

**MODERATOR: Norbert Schindler**, CEO & Founder, GNSS Consulting, Vienna, Austria

**3D LIDAR Technology: Towards the Revolution of Toll Roadside Equipment**  
**Rodrigo Castiñeira**, Head of Innovation in Mobility, Indra, Madrid, Spain

**Revolutionizing Tolling Technology: Putting Users First with UX Design**  
**Mike Papineau**, CEO, RideFlag Technologies, Inc., Mississauga, Ontario, Canada

**3D Sensing Using Cameras: From Vehicle Occupancy Detection to Automatic Incident Detection to Video-based Tolling**

**Karim Ali**, CEO, Invision AI, Toronto, Canada

**Tolling Lessons from Bogota and Utah: A Case for the Use of Everyday Technology**

**Radu Sabo**, Product Designer, ClearRoad, Montreal, Canada

**The Digital Evolution of Interoperability**

**Thomas Siozopoulos**, CEO, ZENTECH IKE, Athens, Greece

**12:30pm - 1:30pm**

**LUNCH**

*(8th/9th Floor Restaurant)*

**1:30pm - 2:00pm**

**DESSERT AND COFFEE WITH EXHIBITORS**

*(Cyclades Ballroom)*

**2:00pm - 3:30pm**

**GENERAL SESSION**

*(Parthenon Ballroom)*

**ASSET MANAGEMENT IN GREECE**

This session will focus on the critical aspects of toll road asset management in Greece, including equipment, infrastructure, bridges, inspections, and broader asset management capabilities.

**MODERATOR: Daniel Garrido, PMP**, Key Account Manager, Indra, Madrid, Spain

**Managing Existing Infrastructure: Bridges in Olympia Odos**

**Panayiotis Papanikolas, Ph.D.**, Chairman & CEO, Olympia Odos S.A., General Secretary, HELLASTRON, Chairman, GEFYRA S.A., Athens, Greece

**HERON: A Robotic-Based Communized Platform for Automatic Maintenance of Road Infrastructure**

**Yannis Handanos**, Manager, Olympia Odos Operation SA, Athens, Greece

**The Holistic Asset Management Strategy Integrating the Aegean Motorway Operations**

**Zacharias Maridakis**, Technology Support Manager, Aegean Motorways SA, Larissa, Greece

**Enhancing Highway Safety and Resilience: The Significance of Bridge, Geotechnical, and Pavement Inspections and Maintenance Works**

**Asterios Simopoulos**, Manager of Asset Management & Planning of New and Heavy Maintenance Projects, Nea Odos S.A./Odos Kentrikis Elladas S.A., Athens, Greece

## 3:30pm - 4:00pm REFRESHMENT BREAK WITH EXHIBITORS

(Cyclades Ballroom)

## 4:00pm - 5:30pm GENERAL SESSION

(Parthenon Ballroom)

### SUSTAINABILITY/GREEN MOBILITY

Green mobility refers to the use of transportation methods to achieve environmentally friendly, safe, and efficient mobility for all people irrespective of their age, social status, or means of transport. It is one of the major challenges confronting the road sector and is a requirement to comply with the key objectives and political guidelines adopted worldwide and is an integral tool for achieving sustainability objectives while still enabling the movement of freight and the connecting of citizens to their work, healthcare, and education every day. This session will examine the role of road operators and the tolling industry in delivering Green Mobility solutions and services.

**MODERATOR:** Emanuela Stocchi, Director of International Affairs, AISCAT, Rome, Italy


#### Green Mobility Project

**Nicola Busatto**, Head of Technology, Concessioni Autostradali Venete CAV S.p.A., Venice, Italy

#### How Interoperability on Steroids Enables Green Mobility

**John Davis**, Commercial Director, ViaPlus, Dublin, Ireland

#### Solving Cities' Traffic & Air Quality Problems, a Global View

 **Lev Pinelis**, Principal & Founder, Toll Insight, Falls Church, Virginia, USA

#### New Road and Highway Green Maintenance Plans as a Way of Anticipating and Protecting Against the Consequences of Climate Change

**Valerio Molinari**, Shareholder, Ecogest S.p.A, and Ecogest North America, Inc., Cotignola, Italy

#### ASFINAG's Climate Protection Program and E-Charging Implementation Plan

 **René Moser**, Senior EU and International Affairs Manager, ASFINAG, Vienna, Austria

#### A Diverse Toolkit for Toll Authorities to Enhance Equity

**Michael Halkias**, Highways & Tolling Finance Lead Consultant, WSP USA, San Francisco, California, USA

## 7:00pm - 10:30pm EVENING EVENT

### EVENING AT THE MARKOU WINE MUSEUM

(Buses Provided)

The buses will load at 6:15pm from the hotel lobby, and leave promptly at 6:30pm.

See page 7 for details.

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## TUESDAY, NOVEMBER 14, 2023

**BREAKFAST:** For guests staying in hotel, breakfast is served in the hotel restaurant and included in your room fee.

## 8:00am - 4:30pm REGISTRATION

(Parthenon Foyer)

## 9:00am - 10:30am GENERAL SESSION

(Parthenon Ballroom)

### DISTANCE-BASED CHARGING/ROAD USAGE CHARGING

With the aim for Europe to become the first carbon-neutral continent by 2050, and the recent decision to ban the sale of internal combustion engine vehicles by 2030, there is a sharp increase in the number of alternatively powered vehicles on the roads. While this trend towards EVs and vehicles with alternative fuels will clearly increase over the next few years, we will likely also witness access or congestion management schemes to further reduce traffic congestion and emissions in specific (urban) areas. Although this development is positive from an environmental perspective, it will be challenging to keep the road network in good condition because of the reduction in revenues from fuel taxes. Some governments are considering the introduction of distance-based charging for light vehicles to raise funds necessary to maintain the road network and to provide an incentive to change "mobility behavior." Join us for an engaging conversation that focuses on innovation, existing barriers, potential areas of conflict, and downstream benefits of distance-based road charging.

**MODERATOR:** Steve Morello, Senior Advisor, CDM Smith, Sarasota, Florida, USA

#### Towards the Normalization of km- and Satellite-Based RUC for Cars in Europe?

**Ansgar Kauf**, Senior Expert, Innovative Mobility, Geneva, Switzerland

#### How Distance-Based Charging Covers All Mobility Objectives For a Road Operator

**Gerd Nees**, Product Owner, Tolling, Be-Mobile, Gent, Belgium

#### Immense Project: A Transport Demand Management Solution for Distance-Based Road Charging. A Case Study in the City of Munich

**Miguel Melchor**, Head of Urban Mobility, Emovis, Abertis Mobility Services, Barcelona, Spain

#### RUCeets: Using EETS to Unlock the RUC Puzzle

**Justin Hamilton**, Director, Location Based Charging, Kapsch TrafficCom, Vienna, Austria

#### The Evolution of Data and Technology in Roadside Infrastructure

**Oscar Mellegers**, Director, Product Management, Europe, Verra Mobility, Amsterdam, The Netherlands

## 10:30am - 11:00am REFRESHMENT BREAK WITH EXHIBITORS

(Cyclades Ballroom)



11:00am – 12:30pm


GENERAL SESSION

(Parthenon Ballroom)

### TECHNOLOGY AND INFORMATION GOVERNANCE

The use of innovative technologies and systems as well as the digitization of the transport sector, brings numerous benefits, such as enhanced sustainability and mobility, improved operational efficiency and improved customer experience for road users. Innovative technologies and digitization also introduce a range of challenges because organizations must adjust the existing operation procedures to manage ever-increasing volumes of data and an increasing requirement to exchange data with multiple parties. Addressing these issues requires a robust, multifaceted technology and information governance strategy, incorporating system & information security, cybersecurity, data privacy, data quality, data storage, data sharing, knowledge management, business intelligence and ICT management.

This session will explore how organizations are using innovative technologies and systems, and developing and implementing the appropriate governance strategies that enable them to maximize the benefits and minimize the associated challenges and risks.

**MODERATOR:**  Dimitri Mandalozis, Chief Operations Officer, Aegean Motorway S.A., Athens, Greece

#### Preventing Loss of Critical Data – Are You the Problem?

**Mark Cantelli**, Chief Technology Officer, ViaPlus, Carrollton, Texas, USA

#### From Highways to High Skies: Embracing the Cloud in Modern Transportation

**Olga Gonzalez**, Marketing Director, Valerann, London, England

#### Implementation of Cross-Border Enforcement in Europe

**Alessandra Pipitone Federico**, Director of Legal and International Affairs, ASFA, Paris, France

#### Data Security by Design – Patterns and Anti-Patterns to Use When Deploying Modern Enterprise Applications

**Matt Barfoot**, Chief Enterprise Architect, Arcadis Gen, St. Albans, England

12:30pm – 1:30pm

LUNCH

(8th/9th Floor Restaurant)

1:30pm – 2:00pm

DESSERT AND COFFEE WITH EXHIBITORS

(Cyclades Ballroom)

2:00pm – 3:30pm

GENERAL SESSION

(Parthenon Ballroom)

### A VISUAL FEAST—BIG PROJECTS FROM AROUND THE GLOBE

IBTTA embraces the entire global tolling industry in Athens, and to further highlight the "I" (International) in IBTTA, this panel will provide the opportunity to learn about major toll projects around the world. Tolling is big business, and toll revenue can help support big projects. Join us to learn about different project types, unique ideas, and technical innovation.

**MODERATOR:** **Greg Le Frois, P.E.**, Senior Vice President, Vice Chairman, Toll Services, HNTB Corporation, Parsippany, New Jersey, USA

#### Shaping The Future of Motorway Energy Autonomy

**Rodianos Antonakopoulos**, Chief Executive Officer, Nea Odos S.A. / Odos Kentrikis Elladas S.A., Athens, Greece

#### Infrastructure Across the United States

**Greg Le Frois, P.E.**, Senior Vice President, Vice Chairman, Toll Services, HNTB Corporation, Parsippany, New Jersey, USA


#### Infrastructure Across the European Members of ASECAP

**Christophe Boutin**, ASECAP Past President, International Vice President, IBTTA and Executive Director, ASFA, Paris, France

#### Rion-Antirion Bridge, Greece: Best-in-Class Operations with VINCI Highways Expertise

**Panos Loukas**, Managing Director, Gefyra S.A., Antirion, Greece

#### The Roads to Development in Southern Africa

 **Thania Dhoogra**, Operations Manager, N3 Toll Concession, Centurion, South Africa

#### Big Tolling Projects That Have Changed Mobility in Turkey and Kazakhstan

**Cengiz Coskun**, Project Director and General Manager, Egis and GIB, Istanbul, Turkey

3:30pm – 4:00pm

REFRESHMENT BREAK WITH EXHIBITORS

(Cyclades Ballroom)


4:00pm – 5:00pm

GENERAL SESSION

(Parthenon Ballroom)

### COUNCIL OF PLATINUM SPONSORS (CoPS) ROUNDTABLE

The "CoPS Bridging the Gap to Advance Global Tolling" working session serves as a forum where CoPS members engage with international agencies and toll operators to explore collaborative business prospects across a spectrum of projects. This roundtable will facilitate the discovery of mutual understandings and the potential for aligning goals in the dynamic realm of global tolling.

**FACILITATOR:**  **Rafael Hernandez**, Vice President and National Practice Leader of Tolling Solutions, IntelliRoad, Lakeland, Florida, USA

5:00pm

ADJOURN

# PLATINUM SPONSORS

## PLATINUM SPONSORS

### A-to-Be

by Brisa Group

A-to-Be is a technology provider responsible for the development and deployment of advanced tolling and mobility solutions across global transportation markets. Part of Brisa Group (the largest private road operator in Portugal) and with a U.S. subsidiary based in Illinois, A-to-Be is an international company with solutions deployed across multiple states, countries and continents. For over 40 years, A-to-Be has provided leading end-to-end tolling solutions, covering from roadside to backoffice and all the different tolling modes, including RUC. Today, we are enablers of integrated mobility experiences through a backoffice platform which supports a single mobility account. We also provide solutions to reduce congestion, such as Managed Lanes and Congestion Pricing. With billions of annual transactions and travelers using our systems internationally, we build innovative solutions, with exciting research lines. Our technologies drive mobility forward. [www.a-to-be.com](http://www.a-to-be.com)

### accenture

Accenture is a global professional services company with leading capabilities in digital, cloud and security. Combining unmatched experience and specialized skills across more than 40 industries, we offer Strategy and Consulting, Interactive, Technology and Operations services—all powered by the world's largest network of Advanced Technology and Intelligent Operations centers. Our 700,000 people deliver on the promise of technology and human ingenuity every day, serving clients in more than 120 countries. Accenture helps toll operators transform their operations through state-of-the-art back-office systems, digital platforms and a reimagined mobility experience. Tolling solutions are becoming more complex. Tolling organizations, looking to adapt to an ever-evolving technology landscape while integrating into a convergent multi-service mobility marketplace, need to work with a partner that has a track record in implementing large-scale toll collection systems. Accenture solutions leverage insights from data and support scalability as volumes grow, while bringing the flexibility to adapt to new requirements. [www.accenture.com](http://www.accenture.com)

### AECOM

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AECOM is the world's premier infrastructure firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to consulting and construction management. We partner with our public and private sector clients to solve their most complex challenges and build legacies for generations to come. Ranked #1 in Transportation by Engineering-News Record, our tolling experts help develop and operate toll systems throughout the United States. From all-electronic tolling and interoperability, to congestion pricing and managed lane strategies, we are leading the charge to solve today's mobility challenges. Whether it's innovative customer service, advanced payment systems or evolving toll collection, we work with you to define, implement and operate your tolling and payment solutions. With national leadership, broad experience and an unmatched worldwide footprint, we have the talent and expertise to help you deliver cutting-edge systems that are tailored to meet your needs today and into the future. [www.aecom.com](http://www.aecom.com)

### ARCADIS

Arcadis, formerly known as IBI Group, is a global leader in the delivery of sustainable design, engineering, and consultancy solutions for natural and built assets. Together, with over 35,000 passionate thinkers, designers, and engineers across 70 countries, the combined strength of Arcadis provides unprecedented opportunities to offer new client solutions, while defining the infrastructure and cities of tomorrow. Our digitally driven expertise will transform our industries and provide our clients with innovative, future-focused technology-enabled solutions alongside human-centric design excellence. We are committed to improving the quality of life for our clients, people and partners and the communities we all serve. Enabling a connected future with innovative, integrated, data-driven solutions. [www.arcadis.com](http://www.arcadis.com)

### AtkinsRéalis

AtkinsRéalis' toll specialists have helped public and private clients plan, develop, design, build, manage, operate, and maintain their tolls infrastructure. Our strategists, program managers, and project delivery specialists have worked in every aspect of tolling providing services to the world's leading user-financed organizations. Our clients benefit from the proven project development, innovative delivery, and cutting-edge toll technology consulting expertise the AtkinsRéalis team brings. [atkinsrealis.com](http://atkinsrealis.com)





Bestpass is a comprehensive payment platform provider and leader in toll management solutions for commercial fleets of all shapes and sizes. We ensure data accuracy, consolidate payments, and save users time and money. Founded in 2001 by truckers for truckers, we are a trusted partner on the road and in the back office for customers and tolling authorities. [www.bestpass.com](http://www.bestpass.com)



BLISSWAY

BLISSWAY provides next-generation roadside tolling infrastructure deployable in weeks and at zero upfront cost to agencies. [www.blissway.com](http://www.blissway.com)



CDM Smith provides lasting and integrated solutions in transportation, water, environment, energy and facilities to public and private clients worldwide. As a full-service engineering and construction firm, we deliver exceptional client service, quality results and enduring value across the entire project life cycle. CDM Smith provides expertise in toll finance, technology and operations, providing all levels of traffic and revenue studies, feasibility analyses, risk assessments and project management for public and private clients. We also help clients in their procurement processes for toll technology, operating contracts and P3 development agreements. With 65 years of commitment to the transportation industry, CDM Smith has the thought leadership and experience to assist clients in implementing new facilities and improving existing operations, whether converting to all-electronic toll collection, implementing HOT lanes, upgrading equipment or managing organizational change. [www.cdmsmith.com](http://www.cdmsmith.com)



CONDUENT is a global multi-billion company – also leader in TRANSPORTATION providing systems, support, and revenue-generating solutions to public clients in Transit / Public Safety / Curbside Parking / Tolling, Road Pricing. In TOLLING we have a proven record of leadership, delivering innovative and technology-agnostic business solutions. Conduent has nearly 30 years EXPERIENCE in designing, installing, operating, maintaining, and delivering integrated toll solutions, including roadside solutions, back-office systems, free-flow charging, ALPR, dynamic toll pricing, vehicle occupancy detection, AET lanes, operations and maintenance, and customer service centers. Conduent enables agencies to provide intermodal, integrated, and reliable solutions for their users. Our main tolling REFERENCES are in the United States and Europe...in the region we lead a PPP for the Cyprus National Public Safety Program, opened recently a Call Center for Vodafone-client in Thessaloniki and deliver the Public Transit ticketing system for the Metro in the same City. [www.conduenttransportation.com](http://www.conduenttransportation.com)



CSG empowers companies to build unforgettable experiences, making it easier for people and businesses to connect with, use and pay for the services they value most. Our customer experience, billing and payments solutions help companies of any size make money and make a difference. With our SaaS solutions, company leaders can take control of their future, and tap into guidance along the way from our more than 5k-strong experienced global team. Want to learn more about how to be a change maker and industry shaper like our 1,000-plus clients? Visit [csgi.com](http://csgi.com) to learn more. [www.csgi.com](http://www.csgi.com)

## Deloitte.

Deloitte is the world's largest professional services firm, and consistently recognized as a leader across the consulting, advisory, and technology fields by Forrester, Gartner, and others as a result of the depth and breadth of our capabilities. Deloitte's transportation practice offers a suite of end-to-end consulting and managed services to help our clients navigate the increasingly complex mobility ecosystem. We serve clients in over 56 cities globally with a network of 1,500+ experienced transportation practitioners. We bring market-leading industry knowledge, superior business transformation capabilities, and deep technical expertise to turn business challenges into opportunities. Deloitte supports clients with developing strategic plans, designing governance and business models, adopting new technologies, fostering partnerships, and achieving a culture of innovation. A hallmark of our approach is our ability to bring a range of technology, enterprise, and services partners together, to offer transportation clients our award-winning holistic, end-to-end set of services and solutions. [www2.deloitte.com/us/en/pages/public-sector/solutions/mobility-and-transportation.html](http://www2.deloitte.com/us/en/pages/public-sector/solutions/mobility-and-transportation.html)

# PLATINUM SPONSORS



Emovis is the prime technology and operations service provider of the Abertis Group for toll-based mobility solutions. The company is currently operating some of the world's busiest cashless toll roads including Montreal's A25 Highway and Liverpool's Mersey Gateway bridge. In 2017, the company converted Puerto Rico's Metropistas Highway Network into an All Electronic Tolling (AET) highway network. Emovis is also pioneering new mobility pricing solutions for mileage-based user-fees (MBUF), low-emission zones, and congestion. The company is currently a Commercial Account Manager in Oregon's Road User Charge program (OreGo), which is the first ever RUC program implemented in the United States. Emovis won the Washington RUC (WARUC) pilot in 2017, the UDOT Road Usage Charge project in 2019 and is operating Virginia Mileage Choice program since July 2022 with the objective of providing a fair and efficient funding solution for transportation departments with declining fuel tax revenues. [www.emovis.com](http://www.emovis.com)



ETC is a leading U.S. intelligent transportation systems and smart mobility provider, developing and delivering best-in-class solutions for tolling, congestion management, urban mobility, and multimodal transportation needs. ETC's passionate and innovative team has been driving the future of mobility since 1999, with many industry firsts, including all-electronic tolling (AET), dynamic pricing, agency interoperability, hosted mobility solutions and machine learning. For over two decades, ETC has delivered sophisticated solutions to many of the largest toll authorities in the U.S., including statewide programs, county networks and tolling-specific authorities. ETC's solutions process over two billion transactions annually, totaling over \$3 billion in revenues for our customers, incorporating the latest in evergreen open-source and SaaS technologies and Big Data architecture through our innovative riteSuite™ products. [www.etc.com](http://www.etc.com)



For over 100 years, Gannett Fleming has shaped transportation infrastructure, connecting people and communities around the world. We provide clients with extensive transportation advisory, planning, design, and construction management services. With an eye on innovative strategies to improve systems and financial sustainability, Gannett Fleming works with clients to address today's challenges and advance future mobility. With expertise in tolling and other pricing systems, we help define, deliver and test electronic, open-road, variable and dynamic systems. Additionally, our concepts and solutions help reduce administrative burden, accelerate projects, provide a single point of responsibility, and, in some cases, achieve faster revenue collection for owners. Gannett Fleming's entire team works together to deliver excellence to every project, every day. [www.gannettfleming.com](http://www.gannettfleming.com)



HNTB Corporation provides more than 50 specialized services to the tolling industry, ranging from financial planning and analysis to operations and management and priced managed lanes, networks and corridors which are growing in popularity across the country. The firm has assembled a team of internationally recognized experts to help transportation agencies achieve a balance among design, technological, operational, budgetary, scheduling and aesthetic concerns — ensuring toll programs are safe, compatible and economical for the communities they serve. Services can be tailored to support all toll organizations — from start-ups to emerging and mature programs. HNTB, providing more than a century of infrastructure solutions, is proud to serve as the No. 1 consultant to toll authorities, agencies and their partners across the United States of America. [www.hntb.com](http://www.hntb.com)



Indra is a world-leading technology company, with more than 56,000 employees in 140+ countries. In 2022 Indra earned \$4.2B in revenue and invested \$350M in R&D. Indra provides advanced mobility solutions for traffic, infrastructure, transit, railways, ports, and airports through its end-to-end Mova solution suite, the synthesis of 25 years of cutting-edge technology adoption. As a leading R&D investor, Indra brings multi-disciplinary innovation into comprehensive road usage charging (tolling, distance-based, video occupancy detection, congestion pricing and low emissions zones), multimodal back office, traffic management systems, ITS, and CAV solutions adaptive to changing customer requirements. Indra deployed its first roadside tolling system in 1997 and has since installed more than 3000 toll lanes in more than 20 countries. Our most recent delivery of an integrated all-overhead tolling, video-occupancy detection, and ITS roadside system, with C-V2X infrastructure and CAV cloud analytics and communications platform, is considered one-of-a-kind in the United States today. [www.indracompany.com](http://www.indracompany.com)



IntelliRoad is a division of Kyra Solutions delivering the next generation of roadway and tolling management software. We are a company focused on service and the desire to do good. Technology provides us the mechanism to build solutions that make meaningful, sustaining contributions to society while saving effort, resources, and lives. Our best-in-class solution, IntelliManage, future-proofs a government's transportation system while leveraging their existing infrastructure investments. It is a next-generation operational back-office solution that maximizes revenue recognition, improves customer service, and saves on operating costs. As experts in the tolling industry, we have a longstanding history of being more than just a solutions provider for our clients. We are their trusted partner. [www.IntelliRoad.io](http://www.IntelliRoad.io)





Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility. With 130 years of experience, our proven, operational, and innovative solutions for Tolling, Traffic Management, Demand/Congestion Management, Mobile Tolling, Road User Charging and Connected Vehicles enable us to deliver modern, market-focused technologies able to contribute to a healthier world without traffic congestion. Kapsch covers the entire value chain of our customers from Components, D&B, Roadside and Back Office operations of these vital systems. Kapsch continually invests in the future of our industry by tackling the latest challenges posed by our customers, like deploying the first stereoscopic vehicle detection and classification system or providing more than 100 million tolling transponders all while launching a mobile tolling application with guaranteed revenue for tolling agencies. Kapsch is ready for the future of transportation revenue collection. Led from Atlanta Georgia, our team sets the standard for today's and tomorrow's tolling solutions. [www.kapsch.net](http://www.kapsch.net)

**Michael Baker**

**INTERNATIONAL**

Michael Baker International is a leading provider of engineering and consulting services, including design, planning, architectural, environmental, construction and program management. The company provides its comprehensive range of services and solutions to support U.S. federal, state and municipal governments, foreign allied governments, and a wide range of commercial clients. Michael Baker understands the time constraints of toll clients, with a proven track record of providing General Consulting Engineering and Managed Lane design services by consistently delivering high-end, professional engineering and integrated management solutions. Michael Baker's experience with tollway systems, including HOV and HOT, encompasses the planning, design, and construction of new and rehabilitated tollway systems and elements, including highways, bridges, Intelligent Transportation Systems (ITS), connected and autonomous vehicles, and communication systems. [www.mbakintl.com](http://www.mbakintl.com)



Milligan Partners is a creative team of technologists and management consultants. We make a positive impact through teamwork and innovation. With integrity and a holistic approach to problem solving, we help our clients design solutions that improve their operations and allow them to better navigate the challenges of tomorrow. Our work focuses on the public sector and transportation services. [www.milliganpartners.com](http://www.milliganpartners.com)



Neology, Inc. is a U.S.-based high technology company headquartered in San Diego, California, with manufacturing and technical facilities in the U.S., United Kingdom, and Mexico. Our company heritage combines 30 years of leadership in passive Radio Frequency Identification (RFID) technology with decades of tolling and automated license plate recognition experience from 3M and before. Founded in 1986, Neology started out as an RFID pioneer, having developed some of the earliest and most significant intellectual property (IP) in the industry. [www.neology.net](http://www.neology.net)



Recently acquired by Neology, Shimmick's Transportation Operations and Management Solutions business provides operations and management excellence in supporting tolling systems, customer service centers, walk-in centers and manual cash collections. Our strategic approach has always been one of innovation and continued improvement with a focus on delivering an outstanding customer experience and taking a leadership role in delivering 21st-century technology. We develop processes and implement tools to create an efficient customer-centric operation which ensures our clients' tolling customers receive a positive and consistent customer experience through every service channel. Our commitment to quality is reflected in our use of Lean Six Sigma principles, as well as our history of successful project transitions whether we are taking over an existing CSC facility or standing up a new one. Our dedication to continued improvement drives operational efficiency and accountability through exciting new technologies which are designed to deliver the ultimate customer experience. [www.neology.net](http://www.neology.net)



The Stantec community unites approximately 22,000 employees working in over 400 locations across 6 continents. We collaborate across disciplines and industries to bring buildings, energy and resources, and infrastructure projects to life. Our work—professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of community, creativity, and client relationships. Since 1954, our local strength, knowledge, and relationships, coupled with our world-class expertise, have allowed us to go anywhere to meet our clients' needs in more creative and personalized ways. With a long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and advance the quality of life in communities. Stantec has over 35 years of specialized traffic and revenue forecasting experience. We are a leader in preparing managed lanes feasibility and investment grade studies. [www.stantec.com](http://www.stantec.com)

# PLATINUM SPONSORS



Founded in 2013, STAR Systems International (SSI) is a world leader in Automatic Vehicle Identification Technologies. SSI focuses on providing best-in-class transponders, readers and professional consulting services for Smart City Initiatives, including Electronic Tolling (ETC), Congestion/Road Use Charging, Electronic Vehicle Registration (EVR), Express/HOT Lane, Fleet Management, Parking and Secure Access Control applications. SSI is guided by three principles: Outstanding People, Innovative Products and Service Excellence. The Company strives to ensure customer success by leveraging its technical expertise and implementation experience.

[www.star-int.net](http://www.star-int.net)



TransCore provides fully engineered transportation solutions for Tolling and Traffic Management systems. A pioneer in tolling, we provide full-scale services to 8 of 10 of the largest U.S. toll agencies and were selected to design and deploy the first Congestion Pricing System in North America. Our flagship Infinity Digital Lane System® is a complete roadside toll collection solution, and our Integrity Back Office system combines advanced financial management software with 30 years of proven customer service excellence. We design and deploy ITS traffic management systems for agencies across North America, and currently manage more than 30,000 intersections worldwide. Additionally, since developing RFID applications for transportation in the 1980s, our RFID solutions have evolved to provide secure identification for airports, hospitals, parking garages, toll roads, and rail. [www.transcore.com](http://www.transcore.com)



Verra Mobility serves the world's largest commercial fleets and rental car companies to manage tolling transactions and violations for millions of vehicles. A leading provider of connected systems, Verra Mobility processes millions of transactions each year through connectivity with more than 55 individual tolling authorities and more than 450 issuing authorities. Drawing on decades of experience delivering fleet toll management and violation management solutions, Verra Mobility is working to address the unique RUC challenges for rental car companies and fleet management companies. Verra Mobility also fosters the development of safe cities, partnering with law enforcement agencies, transportation departments and school districts across North America operating thousands of red-light, speed, bus lane and school bus stop arm safety cameras. [www.verramobility.com](http://www.verramobility.com)



ViaPlus is a global mobility company in the Intelligent Transportation Systems (ITS) market, specializing in revenue and services management solutions for the transportation industry. Our customer operations, data analytics, and full-featured single-account back office technology facilitate the high-volume transactions required for seamless multimodal mobility. As a VINCI Highways subsidiary, we are committed to technical innovation and to promoting a positive mobility experience for all. ViaPlus is the combined product of TollPlus and Cofiroute USA, which merged in April 2023. [www.viaplus.com](http://www.viaplus.com)



WSP USA is the U.S. operating company of WSP, one of the world's leading engineering, environment and professional services firms. Recognized on Fast Company's Brands That Matter List for 2022 as a top Community-Minded Business, WSP USA brings together engineers, planners, technical experts, strategic advisors and construction management professionals who are dedicated to collaborate in the best interests of serving local communities. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets. With more than 15,500 employees in 300 offices across the U.S., WSP partners with its clients to help communities prosper. [www.wsp.com](http://www.wsp.com)



## EXHIBITORS



CONDUENT is a global multi-billion company – also leader in TRANSPORTATION providing systems, support, and revenue-generating solutions to public clients in Transit / Public Safety / Curbside Parking / Tolling, Road Pricing. In TOLLING we have a proven record of leadership, delivering innovative and technology-agnostic business solutions. Conduent has nearly 30 years EXPERIENCE in designing, installing, operating, maintaining, and delivering integrated toll solutions, including roadside solutions, back-office systems, free-flow charging, ALPR, dynamic toll pricing, vehicle occupancy detection, AET lanes, operations and maintenance, and customer service centers. Conduent enables agencies to provide intermodal, integrated, and reliable solutions for their users. Our main tolling REFERENCES are in the United States and Europe...in the region we lead a PPP for the Cyprus National Public Safety Program, opened recently a Call Center for Vodafone-client in Thessaloniki and deliver the Public Transit ticketing system for the Metro in the same City. [www.conduenttransportation.com](http://www.conduenttransportation.com)



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JHCTECH drives product innovation in various scenarios, focusing on empowering and nurturing symbiotic relationships with eco-partners in the V2X segment. Our commitment lies in delivering cutting-edge industrial computers and AI edge computing solutions for intelligent transportation systems (ITS), with a particular emphasis on highway electronic toll collection (ETC) and multi-lane free-flow systems (MLFF). Notably, all of our proposals boast a Mean Time Between Failure (MTBF) exceeding 50,000 hours, making them ideal for outdoor, harsh conditions and 24/7 continuous operations. [www.jhc-technology.com](http://www.jhc-technology.com)



Innoval Group represents Seekright software solution. Seekright is an AI-based Video Analytics product that is using computer algorithms and machine learning to analyze images and videos captured by a camera mounted on vehicles/drones. The solution can survey, digitally map, and detect missing and damaged assets along a road network and visually present the results in an easy to navigate dashboard. [www.seekright.com](http://www.seekright.com)



SICE Tecnología y Sistemas is a leading multinational company in the integration of technologies for public infrastructure management. With more than 100 years of history, it has become an international benchmark in the areas of ITS, tunnels, transportation, mobility and intelligent urban services, tolling, water management, security and civil engineering. Offering a transversal vision that includes all phases of the project: consulting, engineering, implementation, maintenance and operation, SICE develops state-of-the-art integrated solutions and applications based on data science and artificial intelligence technologies. [www.sice.com](http://www.sice.com)

## VALERANN

A global leader in advanced traffic management solutions (ATMS), Valerann is redefining modern mobility through improving roadway operations efficiency and increasing roadway safety. Our industry leading cloud platform Lanternn by Valerann™ provides real-time road traffic situation insights and accidents risk predictions, improving road traffic authorities' situational awareness and empowers them to take accurate, actionable and timely decisions. By using information from multiple disparate data sources and leveraging sophisticated proprietary AI and computer vision algorithms, we extract value from Big Data delivering a real-time comprehensive and holistic road situation overview for the entire road. Established in 2016, Valerann has offices in the UK, the US, Israel and Spain, serving clients worldwide. [www.valerann.com](http://www.valerann.com)



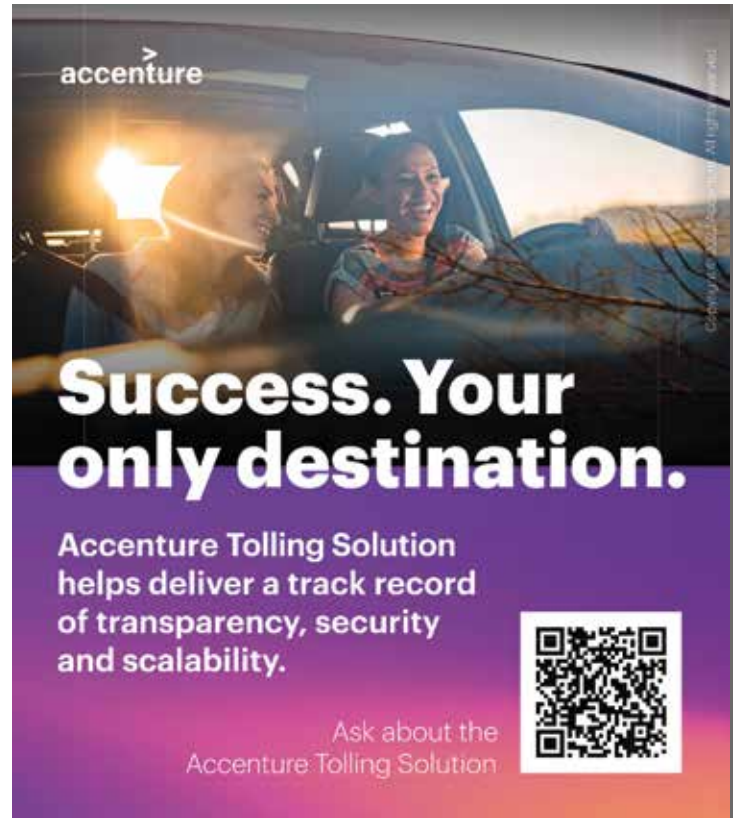
ViaPlus is a global mobility company in the Intelligent Transportation Systems (ITS) market, specializing in revenue and services management solutions for the transportation industry. Our customer operations, data analytics, and full-featured single-account back office technology facilitate the high-volume transactions required for seamless multimodal mobility. As a VINCI Highways subsidiary, we are committed to technical innovation and to promoting a positive mobility experience for all. ViaPlus is the combined product of TollPlus and Cofiroute USA, which merged in April 2023. [www.viaplus.com](http://www.viaplus.com)



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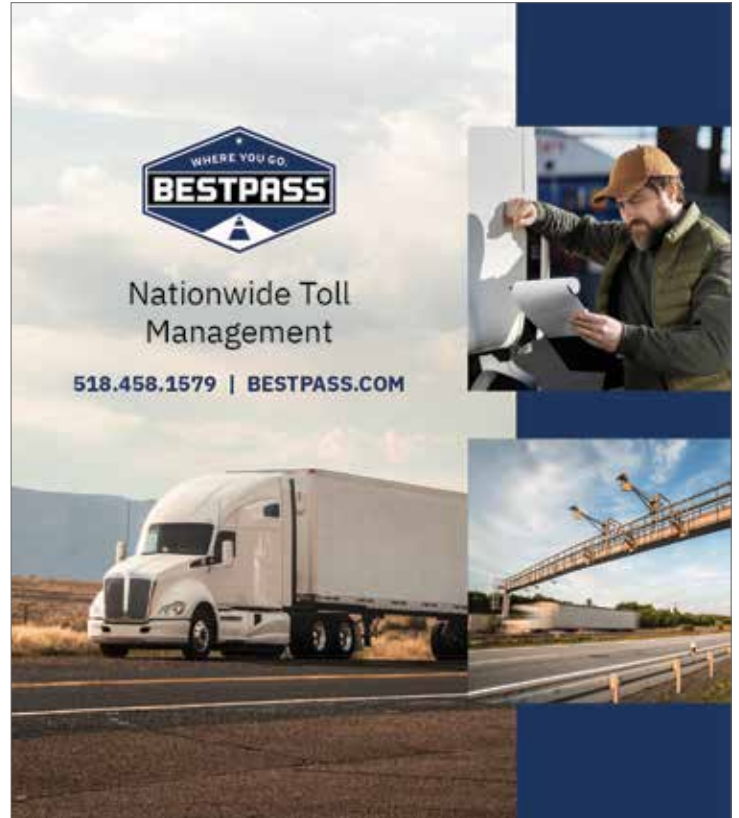




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Engineering a better future for our planet and its people

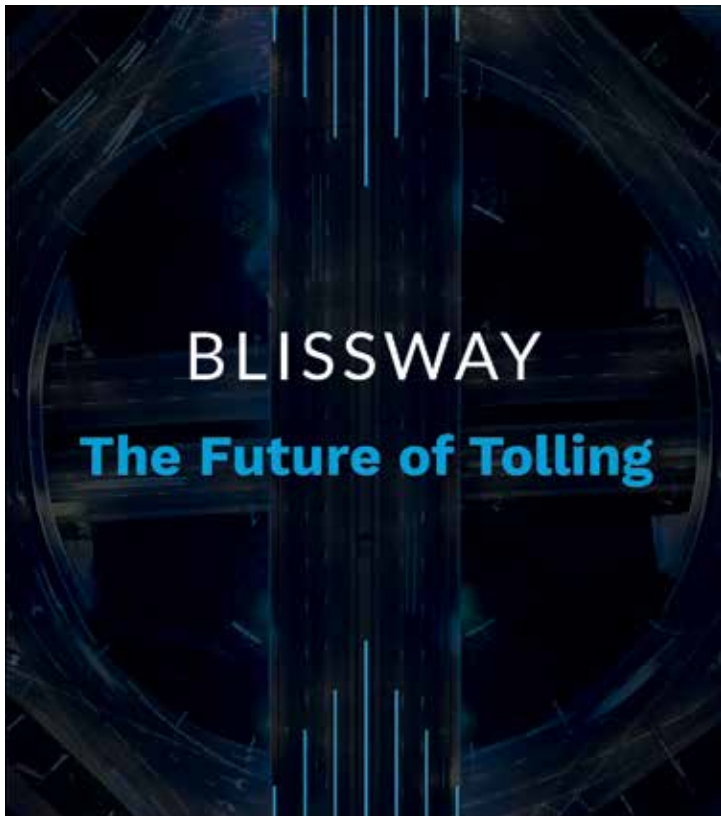
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*From providing an inclusive workplace to providing a host of DE&I services to our clients, CDM Smith prioritizes diversity, equity and inclusion in all that we do.*

There is something special about CDM Smith. Our professionals are **dedicated to improving mobility** in a place that offers an unmatched employee experience.

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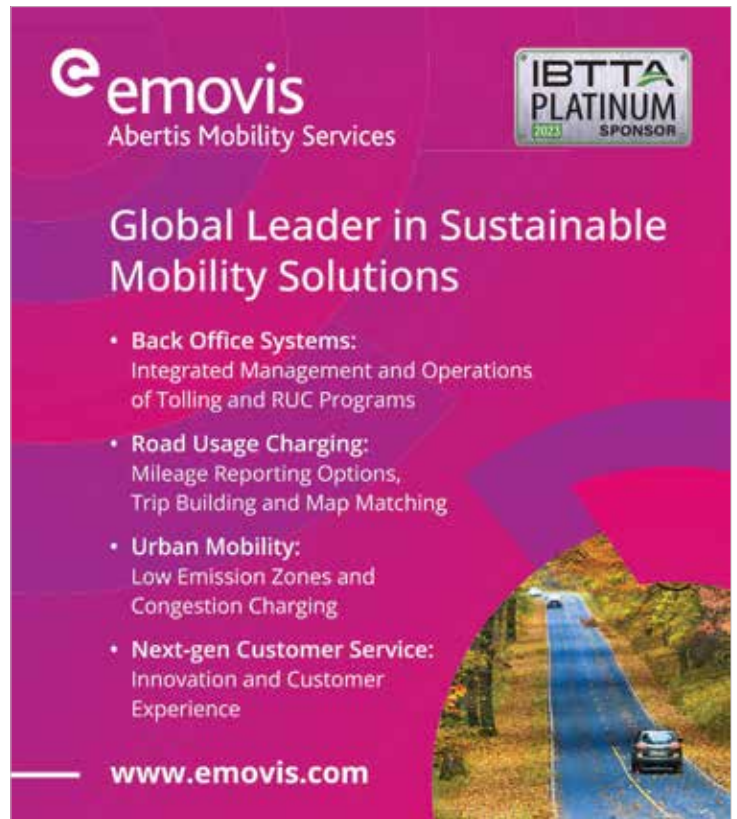


**Deloitte.**

Powering a new age  
of movement

Deloitte supports the tolling sector's continued technology modernization and innovation efforts from changing customer expectations, shifting travel patterns, new vehicle and roadside technologies, and evolving needs around sustainability, equity, and effective financial models.

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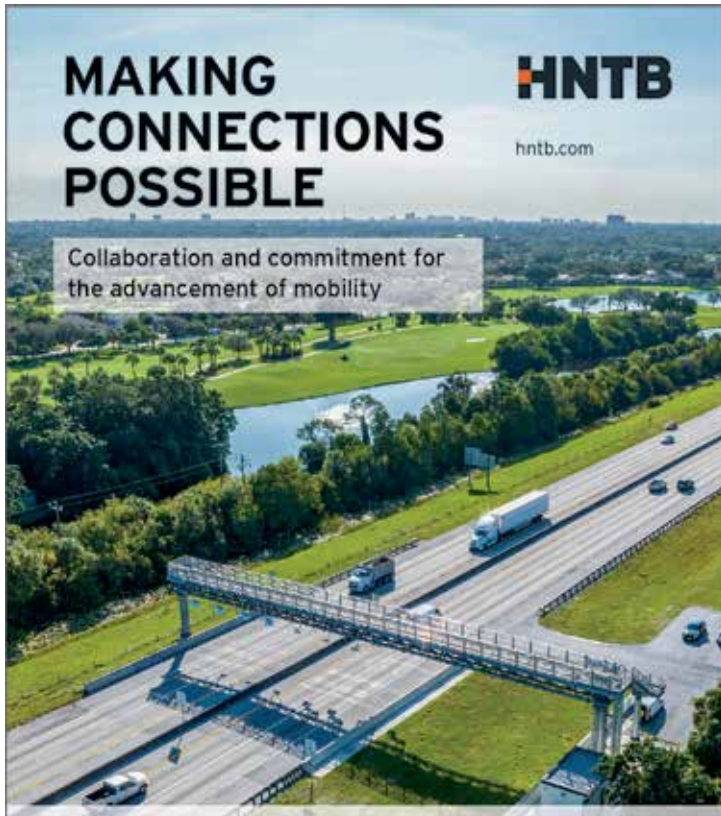
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## MAKING CONNECTIONS POSSIBLE

**HNTB**  
[hntb.com](http://hntb.com)

Collaboration and commitment for  
the advancement of mobility



## Smart customized solutions to promote sustainable mobility

- Artificial Intelligence and cutting-edge technology in AET tolling
- Vehicle Occupancy Detection
- Multimodal, interoperable, scalable Host and Back Office
- Advanced Traffic Management & connected vehicles solutions

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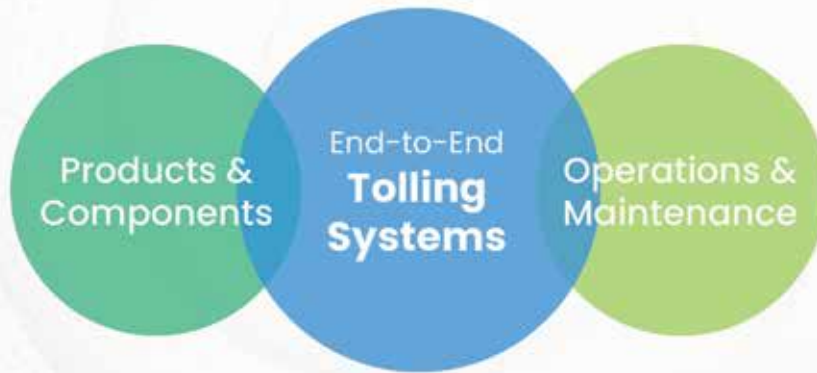








We're partnering with customers to [re]imagine mobility,  
**and now have even more to offer.**



Learn more at [neology.net](https://neology.net) & [neoride.com](https://neoride.com)

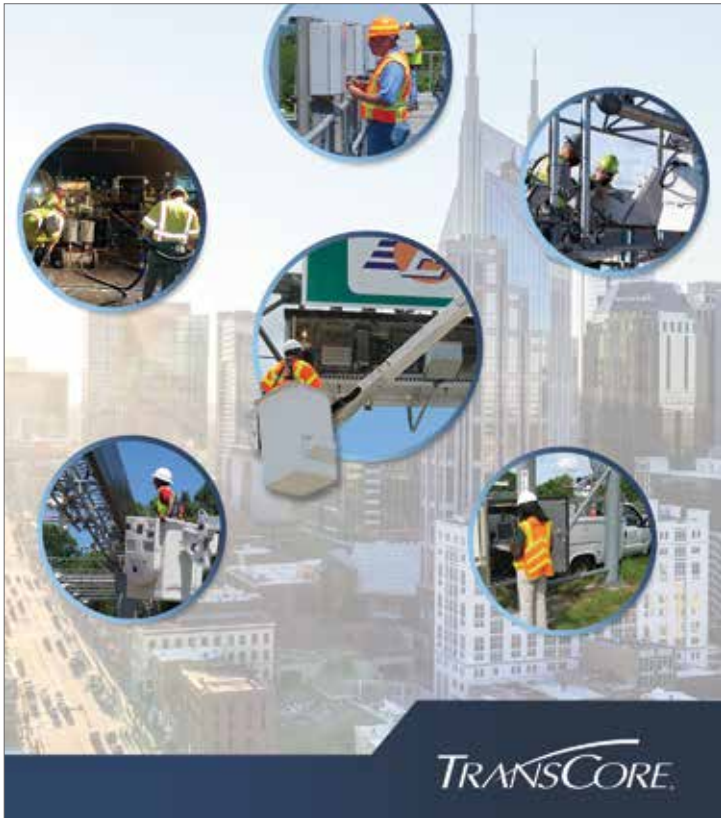
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We focus on providing solutions that respect the community and local environment, from major expressway and rural roadway projects to bridge rehabilitations, transit systems, smart transportation, and airport design.

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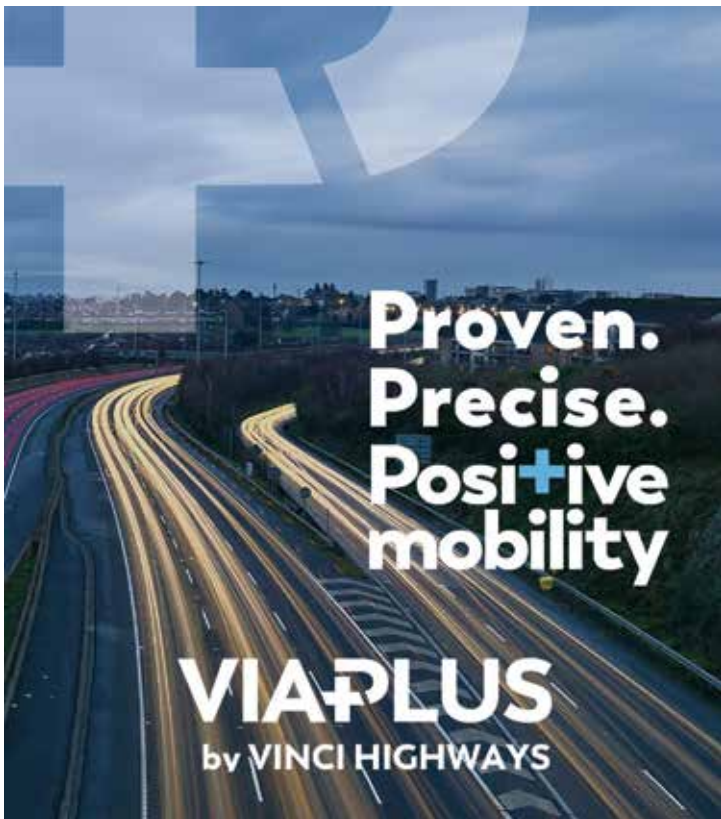


VERRA MOBILITY

- Toll & Violation Solutions
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# Advancing Global Tolling Solutions



**Congratulations, Bill Halkias! Wishing you a GREAT 2024 as President of IBTTA!**

2024 IBTTA President  
**Bill Halkias, PE, F. ASCE, F. ITE**  
President Emeritus  
HELLASTRON  
Athens, Greece

## MARK YOUR CALENDARS

[www.IBTTA.org/events](http://www.IBTTA.org/events)

### JANUARY

**Winter Board of Directors & Committee Meetings**  
January 17-19, 2024 | Hotel Colonnade | Coral Gables, FL

### FEBRUARY

**Leadership Academy**  
February 11-16, 2024 | Westin City Center | Washington, DC

### MAY

**Technology Summit**  
May 4-7, 2024 | Atlanta Marriott Marquis | Atlanta, GA  
[www.IBTTA.org/atlanta](http://www.IBTTA.org/atlanta)

### JUNE

**Spring Board of Directors & Committee Meetings**  
June 7-8, 2024 | Renaissance Baltimore Harborplace | Baltimore, MD

**Finance & Road Usage Charging Summit**  
June 9-11, 2024 | Renaissance Baltimore Harborplace | Baltimore, MD  
[www.IBTTA.org/baltimore](http://www.IBTTA.org/baltimore)

### JULY

**Maintenance, Engineering & Roadway Operations Workshop**  
July 28-30, 2024 | Luminary Hotel | Fort Myers, FL  
[www.IBTTA.org/fortmyers](http://www.IBTTA.org/fortmyers)

### SEPTEMBER

**Global Tolling Summit**  
September 15-17, 2024 | Meliá Sevilla | Seville, Spain  
[www.IBTTA.org/seville](http://www.IBTTA.org/seville)

### OCTOBER

**Fall Board of Directors & Committee Meetings**  
October 25-26, 2024 | Hilton Cleveland Downtown | Cleveland, OH

**92nd Annual Meeting & Exhibition**  
October 26-29, 2024 | Cleveland Convention Center | Cleveland, OH  
[www.IBTTA.org/cleveland](http://www.IBTTA.org/cleveland)

## 2024 IBTTA EDUCATION SERIES









See you next year in Seville, Spain!

# GLOBAL TOLLING SUMMIT

September 15-17, 2024  
[www.IBTTA.org/seville](http://www.IBTTA.org/seville)

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