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Traffic Light REPORT

The magazine for traffic technology





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Dear Readers,

“When someone goes on a journey, they have stories to tell...”

This old adage applies to women and men alike — and it also serves as a fitting introduction to the latest issue of Traffic Light Report that you are holding in your hands.

No matter what kind of vacation you prefer—whether it’s a cruise or a party vacation, a nature-focused hiking trip in the mountains, a break at a campground, or an educational excursion—all forms of travel have one thing in common: It’s the memories and the beautiful moments that are etched into our minds and hearts—the ones we draw strength from and can share—so that we can then hit the ground running again in our everyday (work) lives.

So, dear readers, we would like to take you on a journey through the “Travel Issue” of our Traffic Light Report and transport you away to beautiful destinations around the world - together with our projects and products.

Get ready to discover everything waiting for you on the following pages — and don’t miss our special feature: RTB comes to you free of charge. Whether you are looking for an initial introduction, a refresher, or a more detailed presentation, our team will visit you on site to present our solutions for modern traffic technology and introduce you to RTB as a company.

Warm regards,

Benedikt Hildmann
Sales



TOPO.BIKE IN VIENNA BETWEEN THE GIANT FERRIS WHEEL AND BICYCLE TRAFFIC

On Praterstraße—on the way to the Vienna Prater—TOPO.bike demonstrates how vibrant urban activity can be translated into precise data for planning, traffic management, and safety.

After mentioning Vienna as an international deployment site for TOPO.bike in Issue 107, the project is now taking on a more concrete form: On Praterstraße, the Austrian Road Safety Board is testing the system on a heavily trafficked main cycling artery with mixed pedestrian and bicycle traffic. It is precisely this urban context that makes Vienna a particularly exciting testing ground for TOPO.bike.

The situation on the ground shows just how important it has become to have a nuanced and reliable system for counting people. Especially on sidewalks and bike paths, the diversity of road users has grown significantly: in addition to traditional pedestrians and cyclists, these spaces are now also used by people with strollers, people in wheelchairs, inline skaters, skateboarders, hoverboard riders, monowheel riders, and e-scooter riders, for example. Where cyclists, pedestrians, and other forms of micromobility share limited space, simply counting them is no longer sufficient. What's needed is reliable data that reveals actual usage patterns, presents traffic flows in an understandable way, and enables the early identification of conflict points. This is exactly where TOPO.bike comes in: Its analysis provides valuable practical insights for highly dynamic routes and creates a solid foundation for planning, management, and safety.

At the same time, the project demonstrates how flexibly data collection can be adapted to speci-



fic on-site requirements. For the deployment on Praterstraße, an additional class—LOFTY 14—was created at the customer's request. This allows scooters—which are frequently used as delivery vehicles and also travel in the bike lane—to be recorded and analyzed separately. It is precisely this customer-specific classification that makes the application particularly interesting, because it captures not only the usual bicycle, pedestrian, and micromobility traffic, but also a local characteristic of the street environment. This creates a data foundation that is tailored even more precisely to the actual on-site conditions.

As a result, the project in Vienna offers far more than just a local assessment: It generates valuable practical knowledge for urban mobility that is based on reliable data and integrates new transportation realities into planning at an early stage.





TOPO DETECTS LONG TRUCKS AS WELL

In Kemijärvi, Finland, TOPO systems are proving their reliability under extreme weather conditions. With the new TOPO FLOW5 system, detection can be specifically targeted at long trucks.

The Kemijärvi site in Finland impressively demonstrates how robust and reliable TOPO technology is, even under extreme conditions. In January and February, temperatures there dropped to nearly -40°C (-40°F). During several cold spells, the air temperature also remained between -25°C and -35°C (-13°F to -31°F) for many days—in extreme cases, even longer than a week. This demonstrates the suitability of TOPO technology for reliable operation under extreme weather conditions.

Despite these extraordinary challenges, the TOPO FLOW5 system operated continuously and flawlessly at the counting station in Kemijärvi. It is precisely under such demanding conditions



that the reliability of TOPO technology and its suitability for long-term use—even under extreme climatic conditions are demonstrated.

Another key advantage of the TOPO systems is their powerful vehicle detection capability. Without the need for complex configuration, the system reliably detects long trucks and, on two-lane roads, automatically assigns all classified vehicles to the correct lane. This ensures high data quality and precise traffic data collection, even under complex traffic conditions.

Eetu Karhunen also draws a positive conclusion after more than a year of ongoing evaluation. As Service Manager at Fintraffic, he is responsible for maintaining and further developing the traffic measurement service, which provides annual traffic volume data for the entire Finnish public road network, spanning approximately 78,000 kilometers. His verdict is correspondingly clear: “The follow-up evaluation, which lasted more than a year, and especially our experiences during the winter, have given us the confidence that TOPO systems can replace part of the current LAM network, which is still largely based on loop technology from the 1990s.”

**NEXT STOP:
POLAND**



NEXT STOP: GLIWICE

Contactless green signal request using radar technology: flexible, accessible, and now in use in Gliwice.

The Radar-Taster's journey continues: Gliwice, Poland, has been selected as the next deployment site. There, a solution will be implemented that combines contactless green-light activation, accessibility, and flexible configurability.

The detection range can be individually adjusted from 10 to 70 centimeters. At the same time, the signal for visually impaired users remains on the underside. The "Signal Coming" confirmation panel provides additional feedback. Using the service app and the corresponding add-on card, the function can be customized to meet specific requirements. For example, the confirmation panel can be switched from steady lighting to flashing mode.

The fact that the solution can be implemented in such a practical way today is also the result of intensive field testing. Feedback from Düsseldorf, Cologne, and Berlin, as well as experience gained from international projects—including at Hong Kong International Airport—has been incorporated into the solution's further development. Its deployment in Gliwice thus demonstrates how modern add-on equipment can also prove its worth internationally in settings where touchless operation, clear feedback, and barrier-free use are required.





HEINER THÖNE
+49 5252 9706-261
heiner.thoene@rtb-bl.de

SILKE MEELKER
+49 5252 9706-292
silke.meelker@rtb-bl.de

BENEDIKT HILDMANN
+49 5252 9706-271
benedikt.hildmann@rtb-bl.de

DEAR SIR OR MADAM, DEAR RTB CUSTOMERS,

How often do you read “we’re here for you” or “don’t hesitate to reach out to us”? But how often do you find yourself wondering what exactly that means?

At RTB, we want to put this approach into practice as true partners, and today we’re taking a proactive stance by offering you our consulting expertise: Us for you? WE’RE HERE FOR YOU!

We’ve been successfully active in many areas of traffic engineering for years, and we’re still eager to find new ideas, new technologies, and new solutions for everyday traffic-related challenges.

We’ve built long-standing, trusting business partnerships with many municipalities, county administrations, state building authorities, and federal states. We also greatly appreciate our



Heiner Thöne

Silke Meelker

Benedikt Hildmann



close ties with companies in the traffic signal, electrical, and construction industries, as well as with engineering firms.

In today's fast-paced world, it's not a given that everyone is familiar with all the latest technical developments and stays "up to date." Day-to-day business often leaves little time to sit down and get a thorough update on the latest developments.

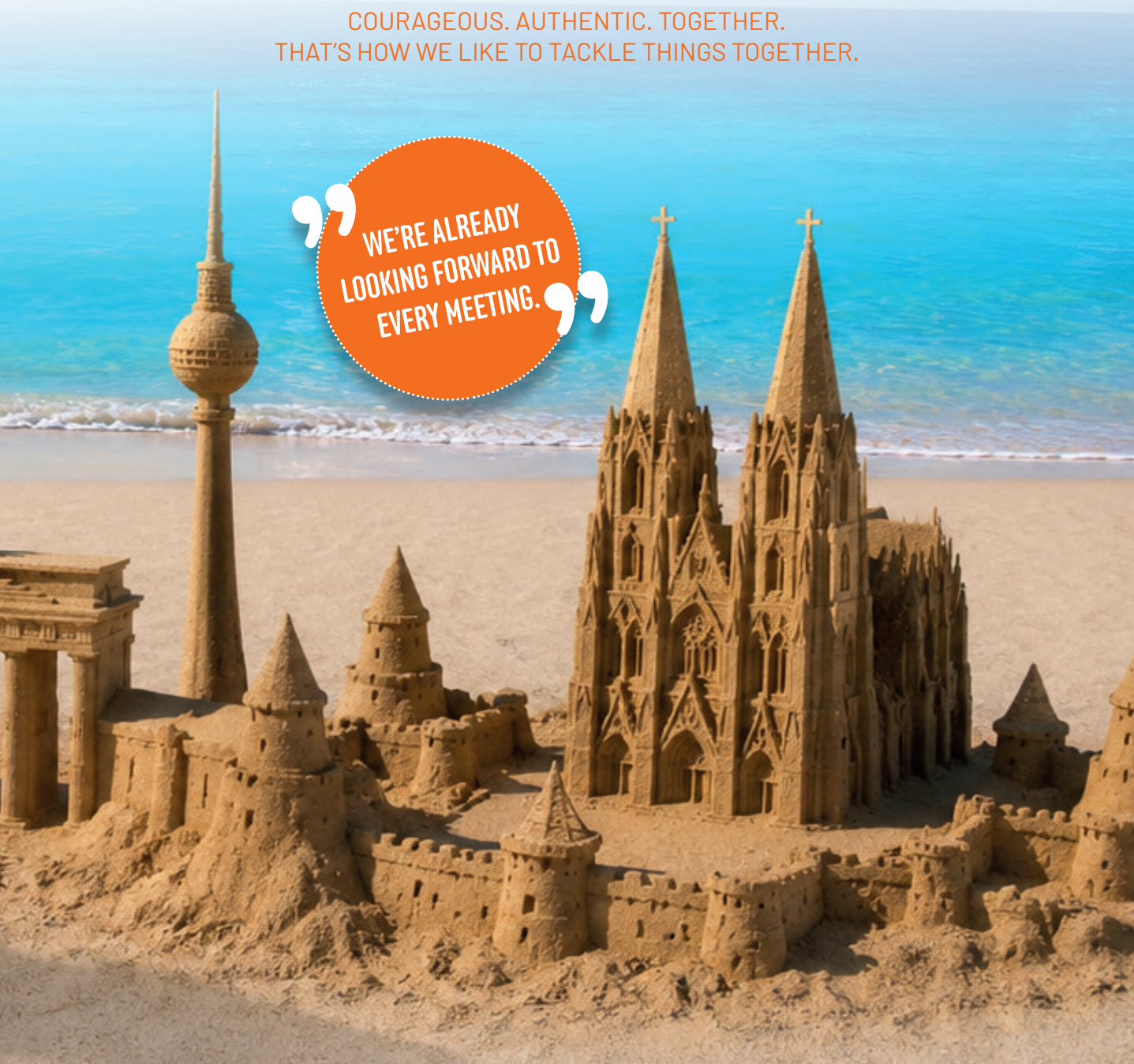
In addition, you're constantly welcoming new colleagues who may not yet be as well-versed in the subject matter as the "old hands."

We're happy to take the time to come to you and do just that.

What innovative developments can we share with you from our exciting technical fields?

In this issue, you'll get a first glimpse into selected topics and solutions from our company, which we'd be happy to discuss with you in more detail during a personal meeting. Schedule an appointment with us, and we'll come to you, set aside the necessary time, and present exactly the topics that interest you most.

**COURAGEOUS. AUTHENTIC. TOGETHER.
THAT'S HOW WE LIKE TO TACKLE THINGS TOGETHER.**



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ACCESSIBLE TRAVEL IN ICELAND

Iceland is using LOC.id, push buttons, audible signals, and NET.2 to explore how mobility and travel can become safer, more intuitive, and more comfortable for blind and visually impaired people.

For many people, Iceland is a dream destination—and at the same time, a country where mobility plays a central role in both daily life and travel. To enable blind and visually impaired people to move around more safely and independently there in the future, an initial test phase with LOC.id is now underway. Discussions with representatives from Iceland highlighted the significant interest in accessible and digitally connected solutions. RTB presented concepts that noticeably facilitate navigation and crossing



in public spaces. The focus is on the integration of modern traffic signal systems with LOC.id for greater safety, orientation, and independence.

These discussions are now leading to concrete steps. E-scooters from the manufacturer Bold have already been activated for the test phase. In addition, a pilot installation is launching at two intersections in Iceland: In June and July, these locations will be equipped with LOC.id, push buttons, audible signals, and NET.2. The goal is not only to demonstrate the system's technical capabilities but also to test it in real-world, everyday situations to promote greater safety, more independence, and mobility that is accessible to everyone, whether they're out and about or traveling.





PARKING IN FERRARI RED

At the Ferrari Museum in Maranello, RTB parking ticket machines combine modern parking management with a design that blends seamlessly into Ferrari's iconic brand identity. In collaboration with INPUT, a solution was created that convincingly brings together technology, design, and the character of the location.

In Maranello, red is much more than just a color. Throughout the Ferrari Museum, it symbolizes passion, precision, and the fascination with automobiles. The RTB parking ticket machines fit perfectly into this environment featuring a design in Ferrari red and an appearance that doesn't hide the technology but deliberately integrates it into the overall look.

At the same time, the project demonstrates just how flexible modern parking management can be today. RTB precisely meets individual customer



Also available with a 10-inch touchscreen!

requests - from special colors like Ferrari red to equipment options featuring a 10-inch screen. Visitors benefit from clear user guidance, simple operation, and a service that makes the parking process quick and convenient. This is a crucial factor, especially at an internationally renowned location, because the first impression begins not just inside the museum, but the moment visitors arrive.

For RTB and INPUT, the installation in Maranello thus serves as a powerful example of how parking technology can be adapted to architectural, functional, and design requirements without compromising on functionality and user-friendliness. The technology not only fulfills its purpose but also complements the character of the location. The result at the Ferrari Museum is an overall impression in which even the parking experience reflects the venue's standards: clear, high-quality, and distinctive.

**NEXT STOP:
HOME**



HOME IS ALWAYS THE BEST PLACE TO BE

Where professional exchange, hands-on training, and genuine connections find a home.

New places inspire especially when you feel welcome from the very first moment. That's exactly the feeling we want to convey to our guests during training sessions, conferences, and visits to Kamen and Bad Lippspringe.

In Kamen, right next to the old Monopol coal mine, modern architecture meets innovative technology. The location offers ideal conditions for the Rhine-Ruhr region: easy accessibility, hands-on training, professional exchange, and one-on-one discussions. Kamen provides the perfect setting for events with up to 70 people.

At our headquarters in Bad Lippspringe, visitors get an first-hand look at RTB. Topics such as traffic signal systems, acoustic systems, push buttons, and LOC.id are highlighted here, as is our close collaboration with the social integration enterprise INTEG. Depending on the format, we can accommodate groups of up to 120 people, and our facilities also provide the ideal setting for smaller groups.

Whether it's an orientation, product training, or project discussion: In Kamen and Bad Lippspringe, we share knowledge in a hands-on way and create opportunities for personal interaction. We also provide catering, guided tours, and customized formats—either at our facilities or directly at your location.





INTERTRAFFIC 2026

MEANINGFUL DISCUSSIONS, INSPIRING IDEAS

Four days at Intertraffic in Amsterdam, many fruitful discussions, and valuable insights: For RTB, the trade show was once again an important venue for face-to-face exchanges with experts from cities, government agencies, planning firms, and companies. Under the motto "Performance Worthy of the Big Screen," we presented solutions for safe, accessible, and smart mobility ranging from acoustic way-finding and traffic detection to digital communication and parking solutions. The trade show is over, but the conversations continue to have an impact and that's exactly what we're looking forward to.



SIGHTCITY 2026

IMPORTANT INSIGHTS INTO ACCESSIBLE MOBILITY

SightCity 2026 in Frankfurt provided RTB with many valuable discussions on accessible mobility. The focus was on LOC.id: This free app makes infrastructure audible and provides information exactly where it's needed—for example, on public transit, at traffic lights, at construction sites, or in elevators.

RTB would like to thank everyone for their great interest and the in-depth discussions. The extensive feedback provides important insights for the further development of practical solutions.



PRINTING
Machradt Graphischer Betrieb KG, Bad Lippspringe
EDITING
Anna Gross, RTB GmbH & Co. KG, Bad Lippspringe
LAYOUT
Melanie Bergelt, RTB GmbH & Co. KG, Bad Lippspringe

PUBLISHER
RTB GmbH & Co. KG
MANAGING DIRECTOR
Rudolf Broer, Marc Rummeny
Schulze-Delitzsch-Weg 10, 33175 Bad Lippspringe
Phone: +49 5252 9706-0; Fax: +49 5252 9706-10

More information: ampel-nachrichten@rtb-bl.de | www.rtb-safetraffic.com