

 terranet

# Shaping the future of road safety

April 2024

# CURRENT CHALLENGES TO OVERCOME

- Crash data is lost during crashes
- Information is rarely sent quickly enough, if at all
- Visual information is not sent
- Poor reliability and accuracy in data collection
- Lack of fast communication between technologies and systems

SCENARIO 1



**Tanker truck changes lanes  
– Crash happens**

Value proposition:  
Instantaneous IP notification is sent to  
rescue services

SCENARIO 2



**Hazardous materials leak  
onto the road**

Value proposition:  
LiDAR/radar/camera 3D point cloud  
informs emergency responders about  
what to expect

SCENARIO 3



**Emergency personnel are  
provided with information**

Value proposition:  
First responders gets accident-specific  
information on their way to the crash

**IN ALL SCENARIOS, SPEED AND ACCURACY ARE VITAL**

# IMAGINE

The world's first end-to-end fully-integrated system for crash avoidance, detection, and instantaneous crash response

**IMAGINE A NEXT-  
GENERATION 112  
EMERGENCY SERVICE**

**That sends out real-time  
visual data  
Giving first responders  
crucial pre-arrival  
information**

# IMAGINE A NEXT- GENERATION 112 EMERGENCY SERVICE

Where preliminary crash  
data can be sent before  
any hardware is  
destroyed in the crash

# IMAGINE A NEXT- GENERATION 112 EMERGENCY SERVICE

**That sends out lossless  
and relevant crash data,  
containing:**

- **Airbag deployment data**
- **In-car monitoring**
- **Events leading up to  
the crash**

**IMAGINE A NEXT-  
GENERATION 112  
EMERGENCY SERVICE**

**That you can trust in any  
weather or lighting  
conditions – Accurately  
recording each millisecond  
of the accident**



**IMAGINE A NEXT-  
GENERATION 112  
EMERGENCY SERVICE**

**That through BlincVision's  
quick detection and  
sensor fusion gives other  
sensors the time to react  
to the danger**

In 70% of all accidents with pedestrians, cars actually have adas systems





# WE STRIVE FOR ZERO TRAFFIC ACCIDENTS

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But when accidents do occur, we want to enable the smartest  
and most efficient emergency response possible



BlincVision - the **fastest** and  
most **accurate** anti-collision  
system for automobiles in  
urban road traffic




FOR US – EVERY METER MATTERS  
FOR YOU – EVERY SECOND COUNTS

Integrating the fastest and smartest ADAS system  
with the Next-Generation 112 emergency services


Post-crash care for when crashes do happen

# ROAD SAFETY IS A GLOBAL ISSUE

A person is seen from behind, holding a dark umbrella in the rain. The background is a blurred city street at night with colorful bokeh lights from traffic and buildings. The overall mood is somber and reflective.

1.3 million people die  
in traffic every year

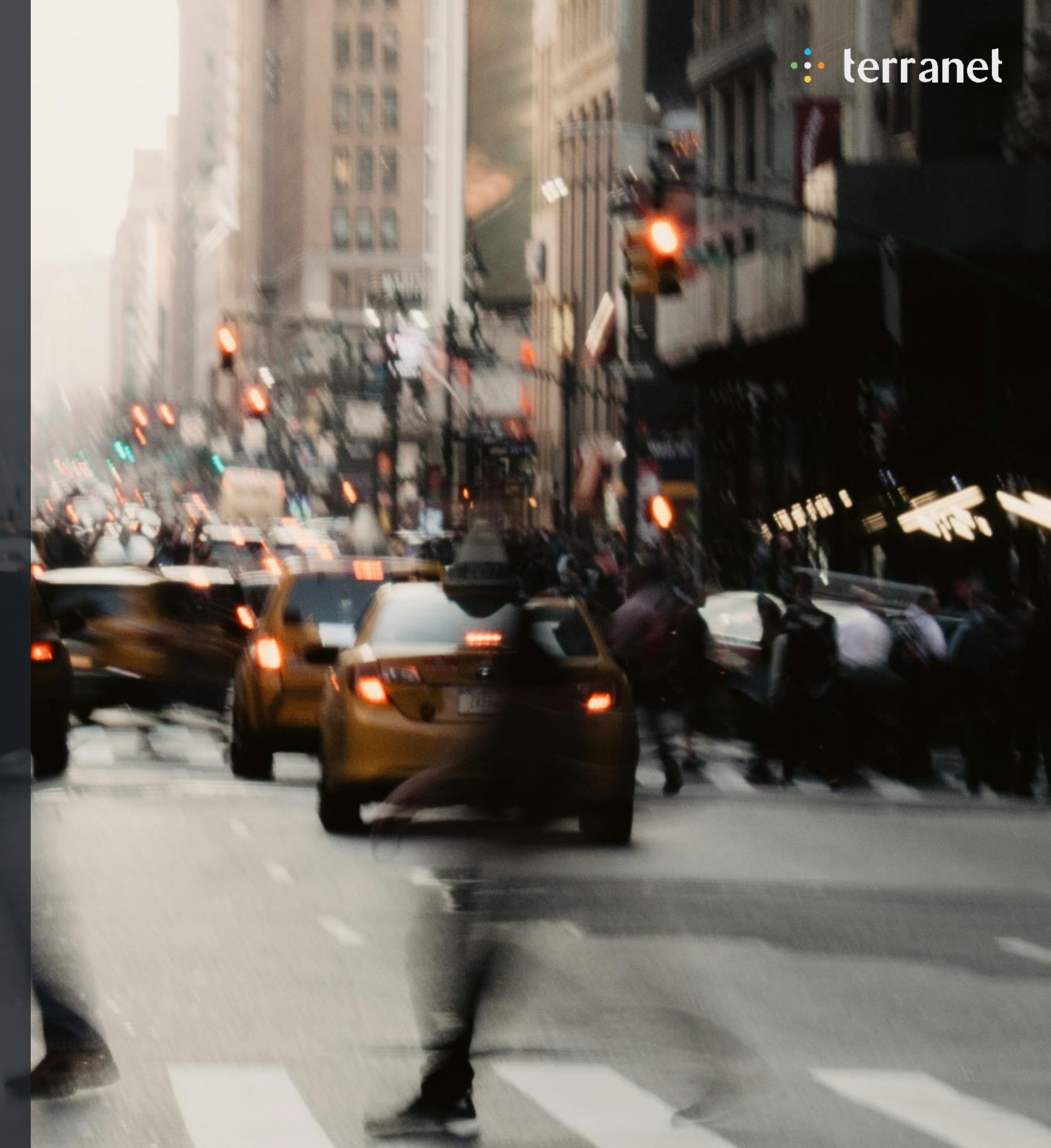
40% of the fatalities  
occur in urban areas

A photograph of two women riding bicycles in a city street at night. They are wearing dark clothing and are riding towards the right. The background is blurred, showing city lights and buildings. The image is split vertically, with the left side showing the original photo and the right side being a dark overlay with white text.

More than 50% of all road traffic deaths are among vulnerable road users: pedestrians, cyclists, and motorcyclists



City traffic is getting more and more complex

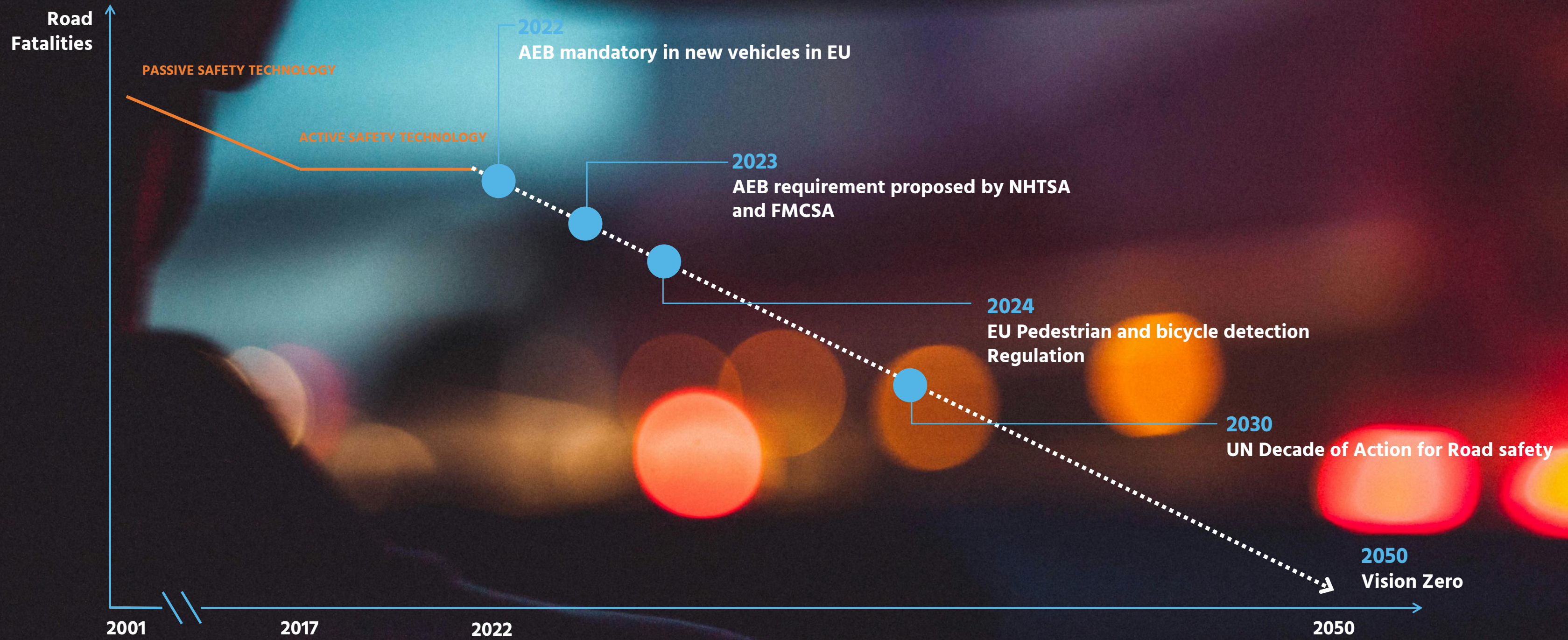


Terranel is redefining  
what it means to move  
safely in urban traffic

THINGS ARE MOVING IN THE RIGHT DIRECTION

**NEW REGULATIONS, TECHNOLOGICAL  
DEVELOPMENT, AND EFFECTIVE  
COLLABORATION IS KEY TO ACHIEVE  
VISION ZERO!**

# NEW SAFETY REGULATIONS DRIVE DEMAND FOR BLINCVISION AND MORE ADVANCED AUTOMATIC EMERGENCY BRAKING (AEB) SOLUTIONS





- Vulnerable road users is a top priority
- Technical constraints
- Low latency is important
- 2026 revision is going to be tougher

# ABOUT TERRANET

We are a technology development company with a passion for cutting-edge sensor technologies.

We consist of world-class engineers and experts from across the world and a variety of sectors.

Offices in Gothenburg, Sweden and Stuttgart, Germany with a HQ in Lund, Sweden.

Listed on Nasdaq First North Premier Growth Market since 2017 (TERRNT-B).



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[www.terranet.se](http://www.terranet.se)

