



# Boskalis Nederland Case Study

How ZONE AI is transforming pedestrian safety across Boskalis Netherlands' heavy earthmoving fleet.

**"We looked at various suppliers. At the end, we selected ZONE AI for the flexibility of the system and the platform behind it — to learn from it. If someone asks me who to contact for an AI camera system, I would definitely advise them to contact ZONE AI."**

Anton van Dongen  
Head of Technical Service – Earthmoving Machinery  
Boskalis Nederland

## 80+ Machines Protected

in a 4 month installation window.

- Operators notified in real time of pedestrian presence
- All-round visibility improved significantly vs. factory systems
- Camera & screen quality rated superior to OEM fitment
- Multiple camera configurations deployed across mixed fleet
- Fast rollout with reliable ongoing support in place

## Official Netherlands Partner

B4C are the exclusive  
Parksafe Group  
distribution & install  
partner for Netherlands.



## At a Glance

For fleet managers operating large earthmoving machinery, keeping ground workers safe is a constant challenge.

As worksites grow more complex and densely occupied, the risk of pedestrian-machine incidents increases.

AI-powered detection systems that combine real-time camera data with intelligent pedestrian recognition are proving to be a decisive safeguard on today's construction sites.

## Challenges

Boskalis Nederland operates approximately 90 machines across the Netherlands, from 20-tonne to 140-tonne excavators, plus bulldozers, articulated dump trucks (ADTs) and wheel loaders. As projects have grown in scale and complexity, the working environment has become increasingly crowded, creating a heightened risk of pedestrian-machine incidents.

- Larger, more complex projects with narrower operating spaces
- Pedestrians and machinery working in close proximity
- Factory-fitted camera systems offering insufficient visibility
- A clear business need to actively invest in AI-driven site safety

## The Solution

Following an evaluation of multiple suppliers, Boskalis Nederland selected ZONE AI for its flexibility, scalable camera configurations and the intelligence of the platform behind it. Installation across the Dutch fleet was carried out by Business4Cars, the authorised Netherlands-based fitment partner.

- Single, dual, triple-camera or full 360° Bird's Eye View configurations
- Systems fitted to heavy plant & HGVs
- Real-time visual and audible pedestrian alerts for operators
- AI-powered Human Form Recognition (HFR) detecting moving and stationary persons

## The Benefits

### Safety

Operators receive instant alerts when a person enters the detection zone.

Reduced risk of collision across the full fleet.

### Visibility

Up to 360° view around machinery.

Clear communication between groundworkers and drivers.

### Quality

Improved quality over OEM systems.

Quality installation, reliable hardware and ongoing support.

### Compliance

Commitment to ensuring a safe working environment.

Meets goals & government safety regulations for a large contractor.