

edeva

BETTER TRAFFIC — HAPPY PEOPLE



THE COMPANY

Edeva AB

Edeva is a Swedish technology company delivering products and services for safer and more resilient cities. We offer managed services and complete systems that combine hardware, software platforms, and real-time data for traffic safety and situational awareness.

Main business areas

- Active speed management that ensures safe and efficient traffic where it matters most - Actibump
- Powerful traffic data to enable smarter planning, actions and decision making - Actinode



EDEVA IN SAFER


Areas of expertise

- Traffic safety
- Data collection, real time in real life
- GDPR, information security

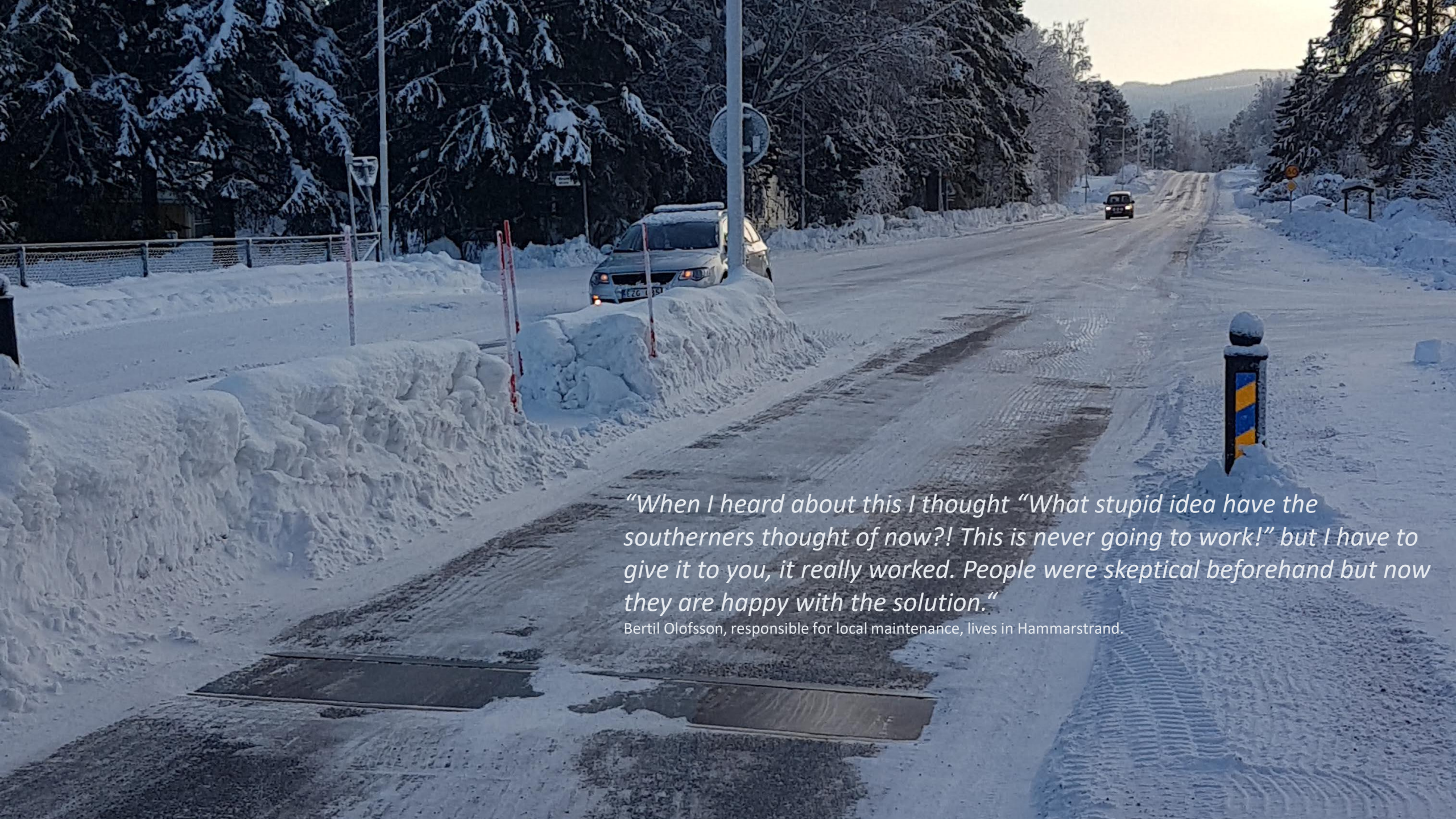
Areas of interest

- Real time applications to improve traffic
- Data driven approach to create real change



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- No bump if you don't speed
 - Reducing speeding by up to 99 %
 - Good accessibility for public transport
 - Less emissions and noise
 - Smooth flow of traffic
 - Remotely monitored

actibump[®]
by Edeva



“When I heard about this I thought “What stupid idea have the southerners thought of now?! This is never going to work!” but I have to give it to you, it really worked. People were skeptical beforehand but now they are happy with the solution.”

Bertil Olofsson, responsible for local maintenance, lives in Hammarstrand.

INSTALLATION



- The pre casted Actibump units are installed in the road
- The units are connected to electricity and drainage
- Control cabinet is installed within 100 meters of the Actibumps
- Radar poles are installed close to the Actibump



EDEVALIVE

EdevaLive is a software platform, in cloud or on-prem, that controls the hardware system for easy and robust operations and maintenance. The platform collects, stores and validates data. Easy to integrate to other systems, if needed. The platform is designed to handle GDPR-sensitive data and conforms to strict information security standards.

Maintenance

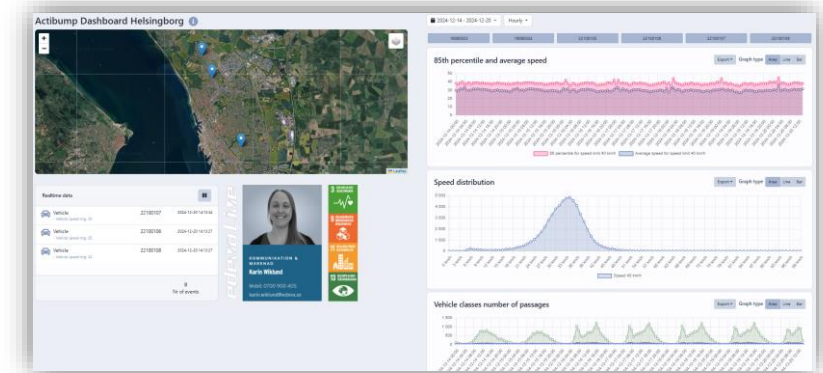
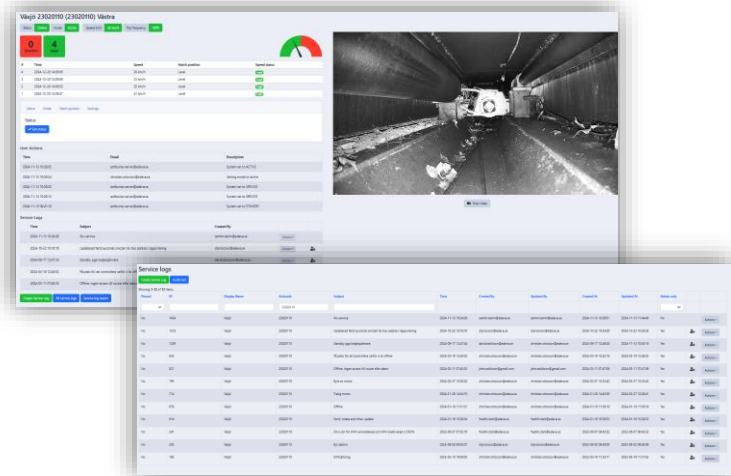
- Remote monitoring
- Service logs

Data collection and sharing

- Speed & traffic flow
- ANPR & ADR
- Air quality, noise & vibrations
- REST and MQTT API

Customised Dashboards

- <https://live.edeva.se/projects>



actinode



- Stockholm, enviromental zone 3
- Oslo, left turn
- Malmö, noise

actinode[®]
by Edeva



TRAFFIC COUNTING

- 10 000 vehicle passages per day
- Of which 2 000 are heavy vehicles
- Traffic flows
- Speeds





Understand the traffic, not just count it

WHO DRIVES – Private, companies, or emergency services?

WHY – Socially beneficial traffic or a burden?

WHERE FROM – Local or from outside the area?

HOW OFTEN – Recurring or sporadic traffic?

TRAFFIC COUNTING VS ACTINODE

- 10 000 vehicle passages per day
- Of which 2 000 are heavy vehicles
- Traffic flows
- Speeds

10 000 vehicles

- 2 200 from Motala, of which 300 are electric vehicles
- 1 500 from Norrköping
- 350 from Ekängen

2 000 large vehicles

- 350 unique buses owned by Östgötatrafiken
- 250 heavy trucks within "Courier and delivery services"
- 2 mobile cranes with a service weight over 100 tons

Traffic flow

- 80% of commuters from Norrköping arrive before 07:30
- 70% of traffic during the peak hour is the same every day

Speeds

- Vehicles owned by the Municipality of Linköping exceed the speed limit in 8 out of 10 passages
- Electric vehicles travel on average 2 km/h faster than diesel vehicles



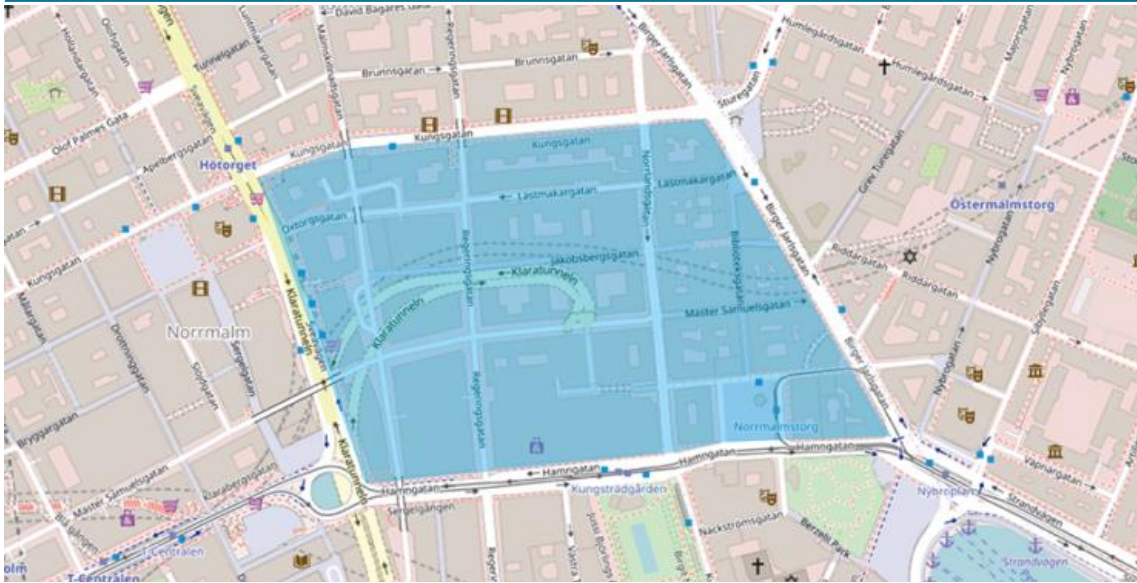


Trafikräkning
Slangar eller slingor

Trafikräkning
AI-Kameror / Lidar / 3D-Radar

Antal fordon	JA	JA	JA
Hastighet	JA	JA	JA
Fordonstyp	JA	JA	JA
Miljöklass & Bränsletyp	JA	NEJ	NEJ
Branschkod & Trafiksyfte	JA	NEJ	NEJ
Återkommande fordon	JA	NEJ	NEJ
Ursprung (postnummer)	JA	NEJ	NEJ
Luftkvalitet (Option)	JA	NEJ	NEJ
Buller / Ljud (Option)	JA	NEJ	NEJ

ENVIROMENTAL ZONE 3, STOCKHOLM

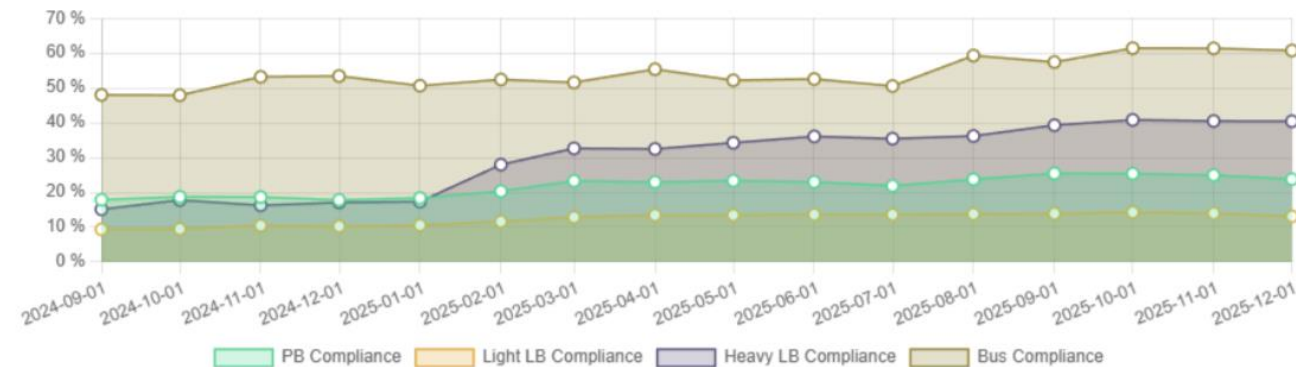


SÅ FUNKAR MILJÖZON 3

De fordon som får köras i miljözon klass 3 är:

- ▶ lätta och tunga elfordon
- ▶ lätta och tunga bränslecellsfordon
- ▶ lätta och tunga gasfordon som uppfyller utsläppskraven för Euro 6
- ▶ tunga laddhybrider som uppfyller utsläppskraven för Euro 6
- ▶ Det finns även undantag för exempelvis polisbilar, ambulanser, färdtjänstbilar, läkare, militärfordon och transporter av rörelsehindrade.

- Fuel type, owner, and emission class
- Regulatory framework and exemptions
- Measurement from September 2024
- Communication, internal and external
- Nudging, real time via advertising kiosk
- Fines/fees can be introduced when permitted



NOISE, MALMÖ



- Disturbance to residents, security & traffic safety
- Which unique vehicles are causing disturbance?
- Through-traffic ban, collectively enforced
- Regulatory framework and any exemptions
- Measurement since August 2025
- Communication, internal and external
- Fines/fees can be introduced when permitted

vehicle_id	Q	vehicle_name	Q	vehicle_type	Q	Passages
Totals						3402
vehicle_1672		SEAT		PB		32
vehicle_6620		YAMAHA		MC		30
vehicle_14162		YAMAHA YZF-R1		MC		28
vehicle_814		YAMAHA		MC		25
vehicle_1047		YAMAHA		MC		20
vehicle_15746		YAMAHA		MC		20
vehicle_14117		HONDA CBR 1000 RR		MC		17
vehicle_5801		YAMAHA		MC		17
vehicle_15819		BMW		PB		15
vehicle_1372		KTM		MC		15
vehicle_13073		SCANIA P360LB6X2*4HLB		LB		14



STUDDED TYRES, STOCKHOLM



- Air quality, noise, and road wear
- Which unique vehicles have studded tires?
- Manual counting today to estimate the share
- Regulatory framework and exemptions
- Communication, internal and external
- Fines/fees can be introduced when permitted

vehicle_id	Q	vehicle_name	Q	vehicle_type	Q	Passages
Totals						91396
vehicle_19248		SKODA		PB		670
vehicle_12228		BMW		PB		146
vehicle_19067		VOLVO		PB		139
vehicle_2553		VOLVO		PB		115
vehicle_224		VOLVO F + S60		PB		99
vehicle_232		VOLKSWAGEN, VW		PB		94
vehicle_5		LEXUS		PB		90
vehicle_19306		POLESTAR		PB		82
vehicle_110		BMW 5L		PB		80
vehicle_7122		AUDI		PB		75
vehicle_17929		SKODA		PB		72
vehicle_4331		MERCEDES-BENZ		PB		69



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