

# NordicWay 3 Emergency Vehicle Approaching Warnings



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Connecting Europe Facility

# NordicWay 3 – Urban Connection

## C-ITS pilot

Enables vehicles, infrastructure and network operators to communicate safety hazards and other information between different stakeholders.



Credit: Carmenta



# NordicWay 3 Aims for Deployment

NordicWay 3 has the ambition to take the services piloted as close to deployment as possible.



Credit: Volvo Busses AB



# NordicWay 3 Interchange

Pilots communicate through the **NordicWay federated Interchange Network** and use mainly cellular communication to the end users.



# NordicWay 3 Flagships

NordicWay 3 **flagship pilots** are coordinated C-ITS pilots with mature technology and with full cross-border functionality and are implemented at several sites in the Nordic countries.



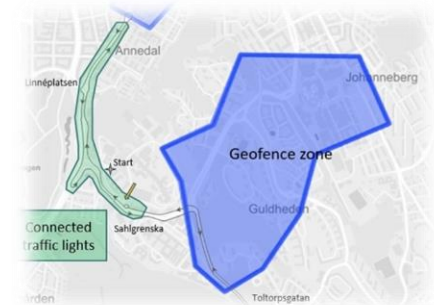
Traffic Signals



Emergency  
Vehicle Warning



Road Works  
Warning

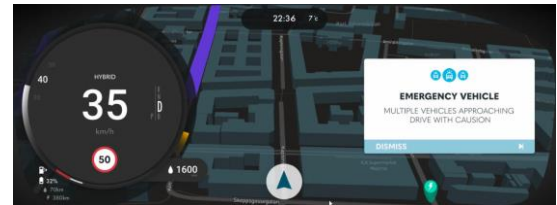


Geofencing &  
Dynamic zones



# Emergency Vehicle Warning

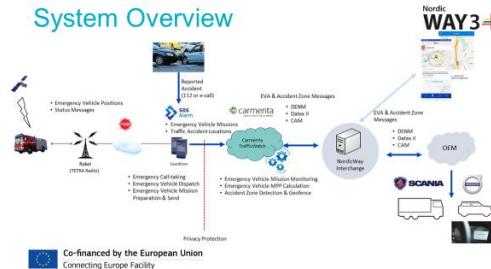
- Develop and demonstrate digital infrastructure for C-ITS services for warnings of
  - Approaching Emergency Vehicles
  - Accidents
- Objective – use C-ITS services to:
  - Shorten emergency response times
  - Avoid new accidents/incidents
- Participants
  - Carmenta, Volvo Cars, Scania, SOS Alarm, VTI





# Technology

- No extra hardware needed in emergency vehicles
- Connects Carmenta TrafficWatch to PSAP (Public Safety Access Point) and converts to C-ITS services:
  - Emergency Vehicle Approaching (C-Roads service: HLN-EVA)
  - Accident Zone Description (C-Roads service: HLN-AZ)



# Thank You!

