



**Regional activities and FOTs:
Drive Sweden**

SIP-adus workshop, Tokyo 2016

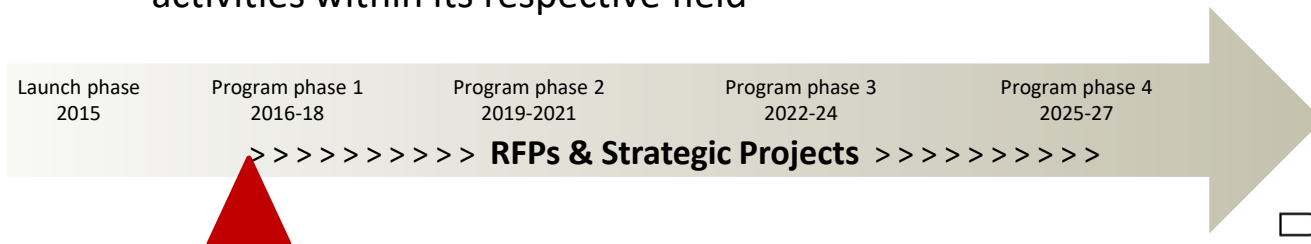
Jan Hellaker
Program Director

Strategic Innovation Programs

- The Swedish government has initiated 16 Strategic Innovation Programs (SIP), jointly financed by three government agencies plus a 50% industry contribution
- The purpose of all SIPs is to
 - to find sustainable solutions to global challenges for societies
 - create conditions for international competitiveness
- Expected life cycle 12 years
- A SIP has the government's mandate to coordinate activities within its respective field



Forskningsrådet
Formas



Automated – Connected – Shared – Inclusive

Mobility-as-a-Services

for people and goods



Watch the entire Drive Sweden vision at www.drivesweden.net

DRIVE SWEDEN



SCANIA

VOLVO

National Electric Vehicle Sweden



Göteborgs Stad



Stockholms stad



TELE2



Norconsult



ATKINS



vti

li.u LINKÖPINGS UNIVERSITET

CHALMERS



ERICSSON



SAAB



Autoliv



ASTAZERO

ACTIVE SAFETY TEST AREA

ICE MAKERS

True testing since 1973



Nobina



UbiGo



postnord





TRAFIKVERKET



TRANSPORTSTYRELSEN

Government

Academia

Industry



Göteborgs Stad



Stockholms stad



kista SCIENCE CITY

connexion

Norconsult



ATKINS



KTH VETENSKAP OCH KONST



LINKÖPINGS UNIVERSITET

CHALMERS



SWEDISH ICT



SP



your Science Partner

ASTAZERO

ACTIVE SAFETY TEST AREA

ICE MAKERS

True testing since 1973

LINDHOLMEN SCIENCE PARK

DRIVE SWEDEN



ta

reness

N

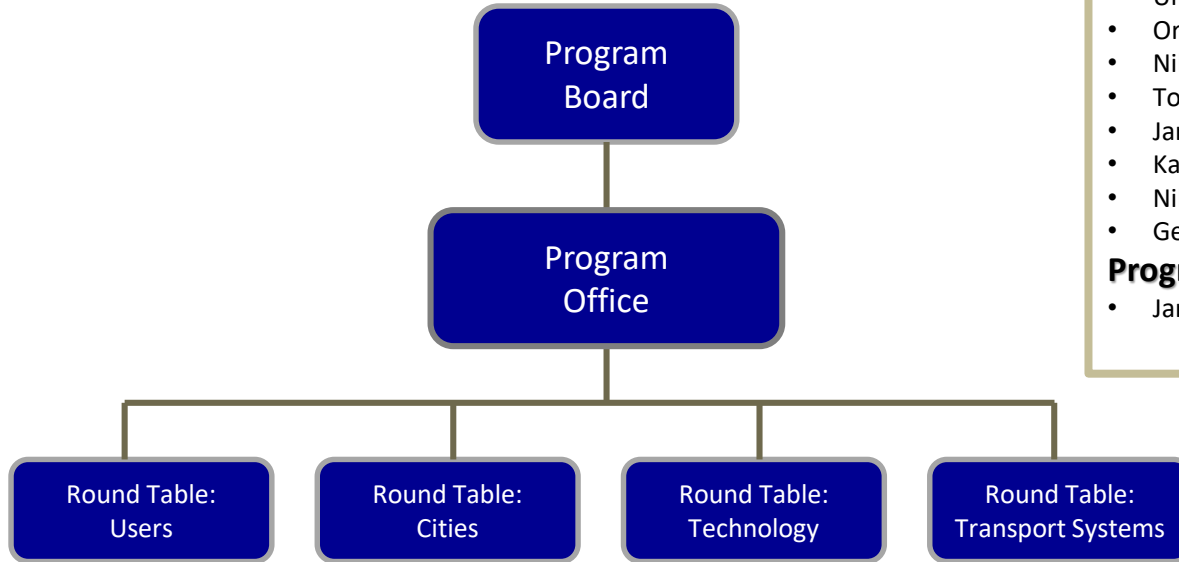
W

go

San

postnord

Drive Sweden Organization



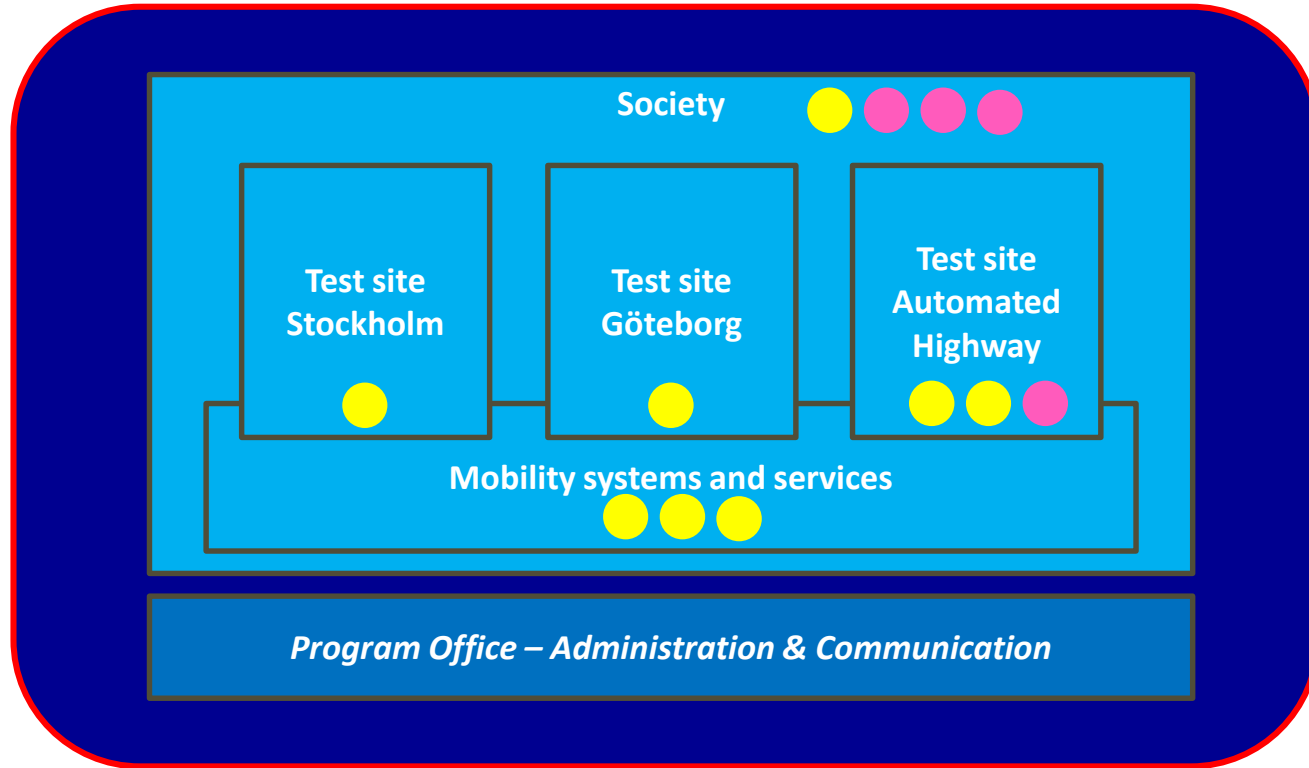
Board

- Catharina Elmsäter-Svärd (Chair)
- Agneta Wargsjö, Trafikverket
- Jacob Gramenius, Transportstyrelsen
- Mattias Lundberg, Stockholms stad
- Gerhard Wennerström, Samtrafiken
- Urban Karlström, Forum
- Orvar Hurtig, Ericsson
- Niklas Gustavsson, Volvo Group
- Tord Hermansson, Volvo Cars
- Jan Thörnqvist, Saab
- Karl-Henrik Johansson, KTH
- Niklas Wahlberg, Lindholmen
- Gerhard Wennerström, Samtrafiken

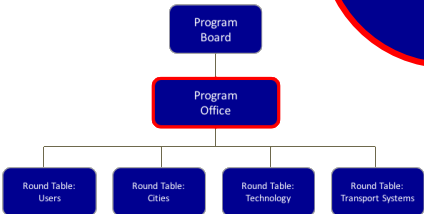
Program Director

- Jan Hellåker

Program Office – 5 workstreams, 12 projects



- Strategic project
- Project from RFP



Currently running Drive Sweden-financed projects

Strategic projects

- Drive Sweden - Open Cloud
- Mobility-as-a-Service projects
- Autonomous shuttles Kista
- P-shuttle Lindholmen
- Automation use cases in cities
- External platooning signalling
- Automated logistics services
- AD-aware Traffic Control Cloud

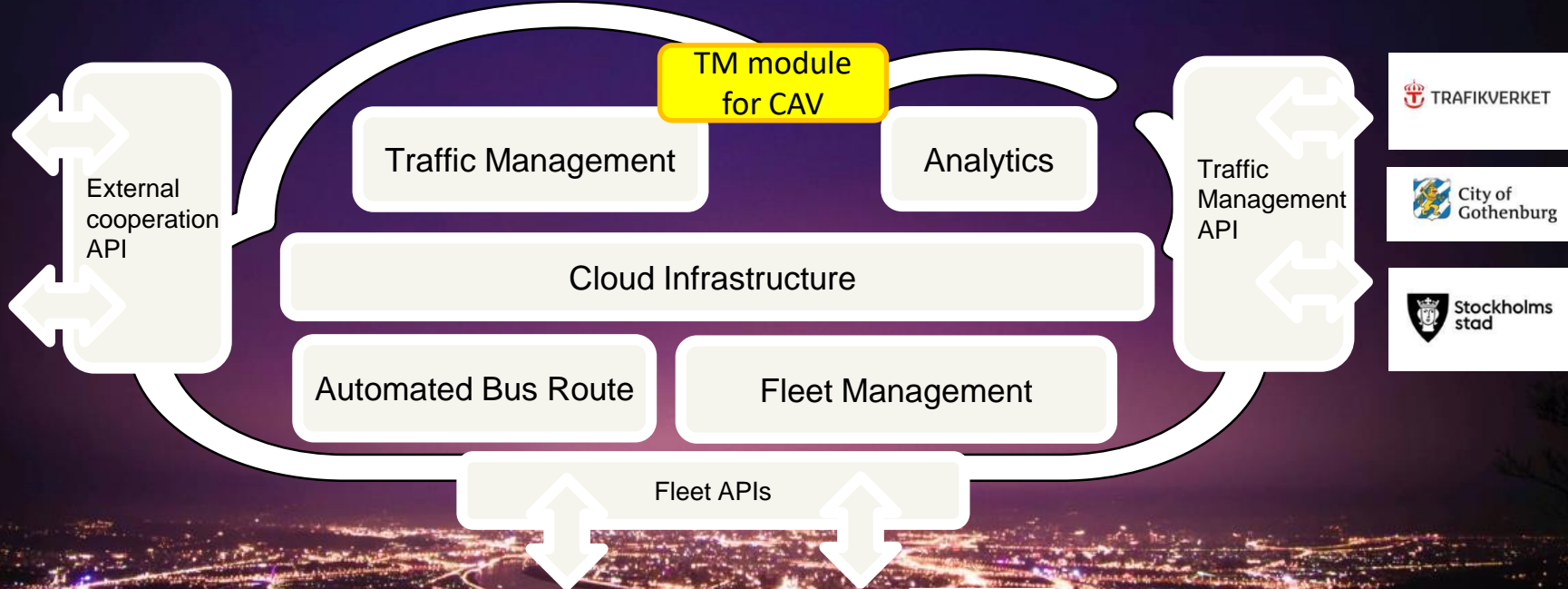
Projects from 1st RFP

- SEVS for AD
- Methods & measurements
- Automation for increased accessibility
- Automated refuse pickup

In the pipeline

- Nationwide Mobility-as-a-Service pilot
- Large scale pilot of automated, electrified and shared vehicles

Drive Sweden – Open Cloud





Other current Swedish projects

Volvo Group

- Truck platooning
- Off-road vehicles
- Automated refuse handling



Automated Platooning



Automated Mining



Automated Bus Services



iQMatic – off-road automation





Drive Me

SELF-DRIVING CARS FOR
SUSTAINABLE MOBILITY

- 100 families to experience self-driving Volvo XC90s, on public roads, beginning in 2017
- Similar pilots in London and China



City of
Gothenburg

LINDHOLMEN
SCIENCE PARK



CHALMERS



TRANSPORT
STYRELSEN



TRAFIKVERKET
SWEDISH TRANSPORT ADMINISTRATION

Test route 50 km



Drive Me

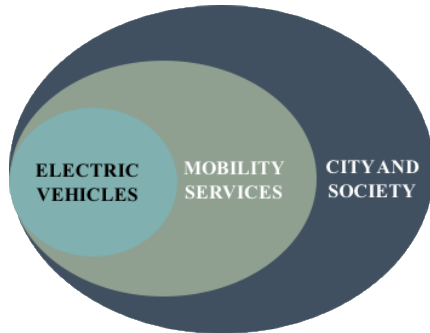
SELF-DRIVING CARS FOR
SUSTAINABLE MOBILITY



Two new exciting Swedish car brands

NEVS

NEVS' vision is to shape mobility on product, service and system levels



"A car that was born digital"

DRIVE SWEDEN

It's not all about driverless vehicles. This is a completely new approach to mobility.

We are on the threshold of a radical shift, and it's happening fast.

In just a few years the world will change.

We will see entirely new mobility business models enabling sustainable cities.