



**We move the society
every day.**

Nobina Technology

Radical Innovation Pitch

Nobina Group in numbers

11,700
employees

4
countries

>100
contracts

3,900
buses

317
million passengers per year

84%
Share of renewable fuel

Strategic Focus Areas for Nobina Group



Smart transport solutions



Proactive partner



Resource Efficiency



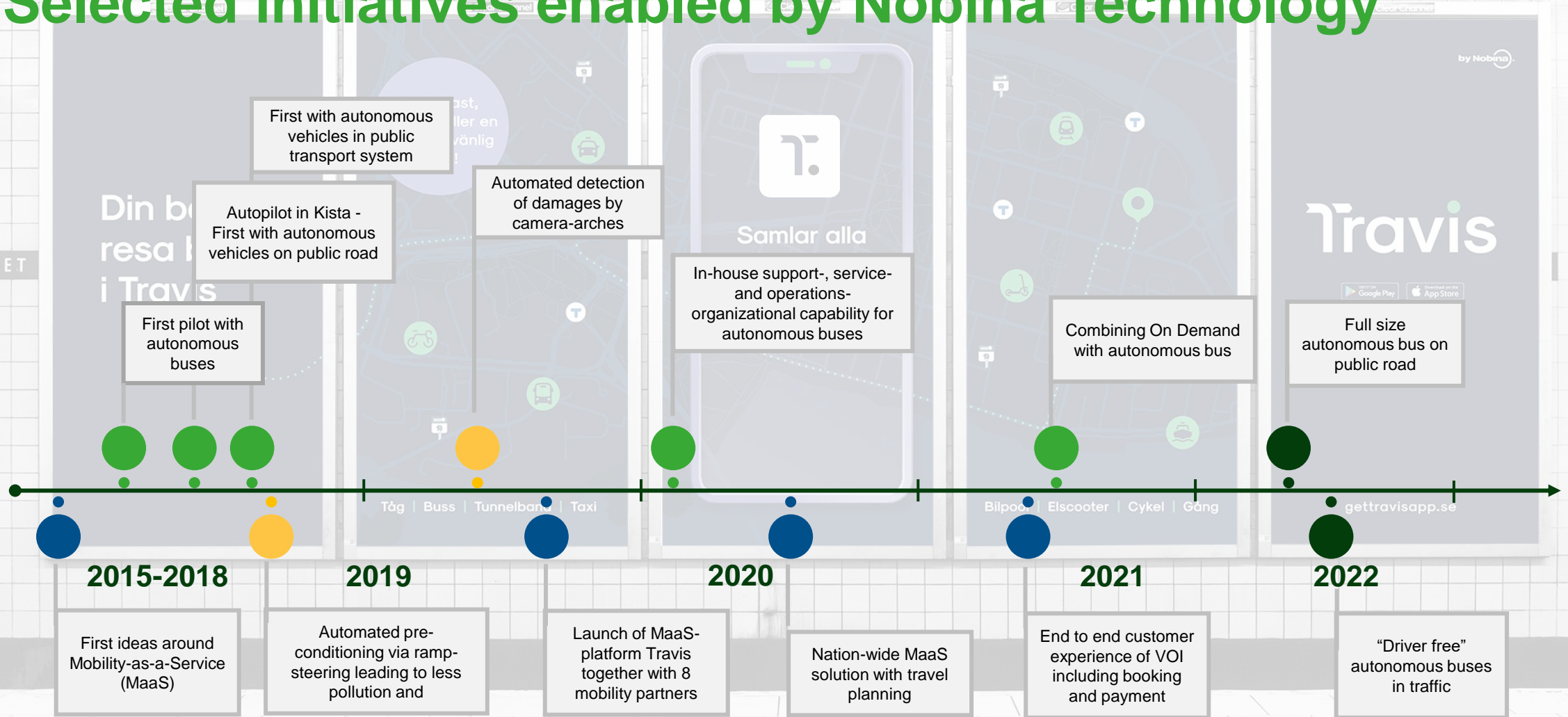
People in focus

Nobina Technology – enabling future mobility today

Nobina Technology is the Nobina Group's innovation and development company

- ▶ We create solutions that enable people to travel without using a privately owned car. To be able to address the demands of the future, we must change the way we move and use new and upcoming technology correctly – an approach that enables climate-smart and efficient mobility.
- ▶ At Nobina Technology, we develop new green technology that will ultimately lead to products and services that will benefit our clients, passengers, owners and, not least, society.
- ▶ By connecting different solutions, we create the possibility for people to travel easily. In brief, we aim to contribute to the creation of leading-edge mobility, environmentally, technically and economically

Selected initiatives enabled by Nobina Technology



3 areas that will shape public transport in the coming years

Autonomy

On demand

**Travel
planning &
information**

The Autonomous ecosystem will transform mobility as we know it...

Autonomy

On demand

Travel planning & information

Yesterday

- Closed road tests
- Regulatory and legislative issues
- Immature technology

Today

- Small autonomous pods for first-/last-mile transport
- Service-host taking over driving duties when needed
- Limited speed due to regulations

Tomorrow

- Large buses with full speed capability
- "No-operator"
- Full integration with On demand solutions
- Control center monitoring
- V2X

..with On demand acting as glue for autonomous capability into the mobility ecosystem



Tomorrow

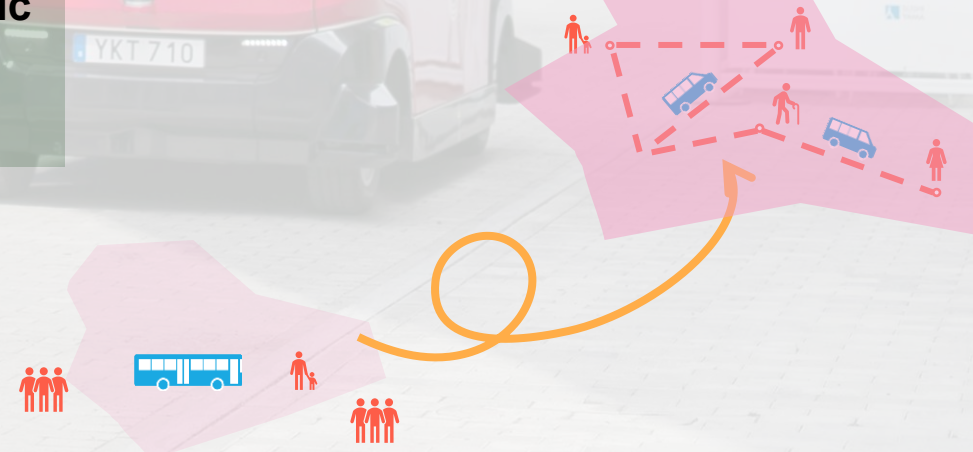
- Larger fleets with advanced real-time algorithms for co-riding
- Automated and seamless integration between autonomous vehicles and public transport network

Today

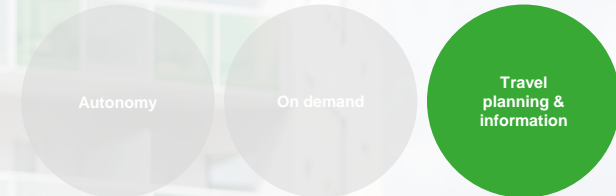
- Real-time platforms with routing and optimizing in near future
- Still small fleets and limited synergies to overall public transport network

Yesterday

- Ordering via call-centers
- Long planning horizon
- Low utilization



Crowd sourced travel information and multimodal re-routing for travelers in real-time



Tomorrow

- Multimodal travelling based on real-time and crowdsourced travel information
- Information distributed at the right time and adapted to your personal preferences
- Automatic re-routing and suggestions if disturbances occur

Today

- Fully integrated combined mobility
- Congestion predictions based on history
- Push-information on disturbances

Yesterday

- First “MaaS” platforms with deep linked services
- Disturbance information on websites/platforms

....in summary, we believe these 3 areas will shape the
"Sustainable freedom of movement"

Autonomy

On demand

Travel
planning &
information

Nobina Technology is an experienced partner – driving innovation together with public transport authorities since 2015

1 Solutions for Autonomous, On demand, Travel planning & information

2 Close collaboration with municipalities, research institutes and cities

3 Several successful projects implemented in production – MaaS, BRT, Autonomous buses and more





Thank you!

Get in touch

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