

# VOLVO BUSES CITY MOBILITY



# Part of Volvo Group

- Over 100,000 employees
- Production in 18 countries
- More than 190 markets





Our mission

# Driving prosperity through transport solutions

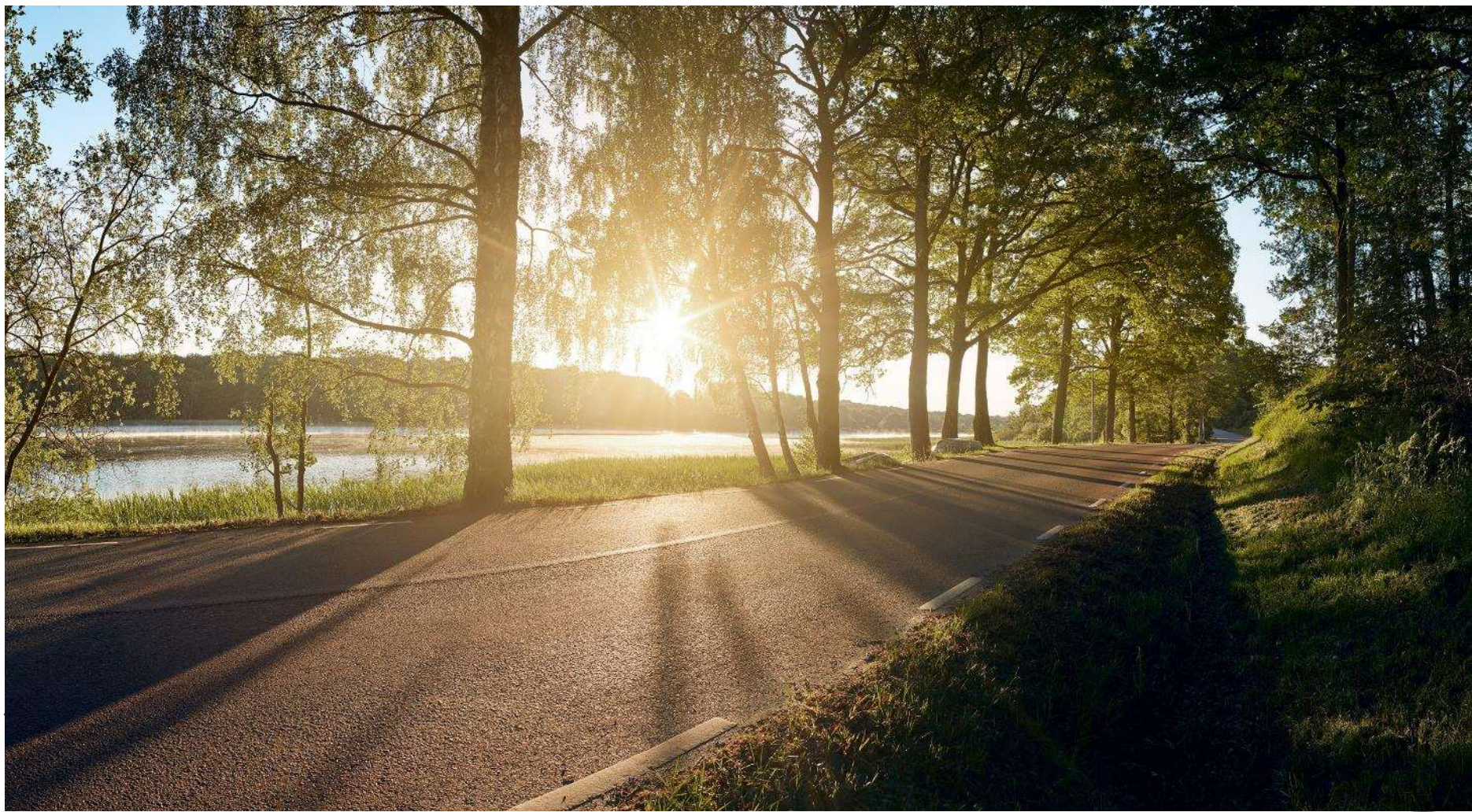


















# The urban challenge

## pollution, noise and congestion

Outdated and under-dimensioned  
road and street network

Sleep-related problems over-  
represented in healthcare

More cars – less road space

Stagnation in employment

Health-threatening noise in a  
majority of central residential areas

Increasing sick days

Growing smog problems

Cathedrals and other ancient buildings  
damaged by erosive exhaust emissions

Rising municipal costs for traffic  
accidents

Hour-long traffic standstills in  
city centre

# Result a cleaner, friendlier city

Increase in tourism

Fewer traffic accidents

Dramatic reduction in congestion

Reduced costs for noise reduction

Improved public health due  
to better air quality

Increasing real estate value

Increased passenger capacity

New jobs in public transport

Public transport with better service  
and more satisfied passengers



# Co-operation





# Three disruptive technologies

Impacting urban planning and public transport

Electromobility



Connectivity



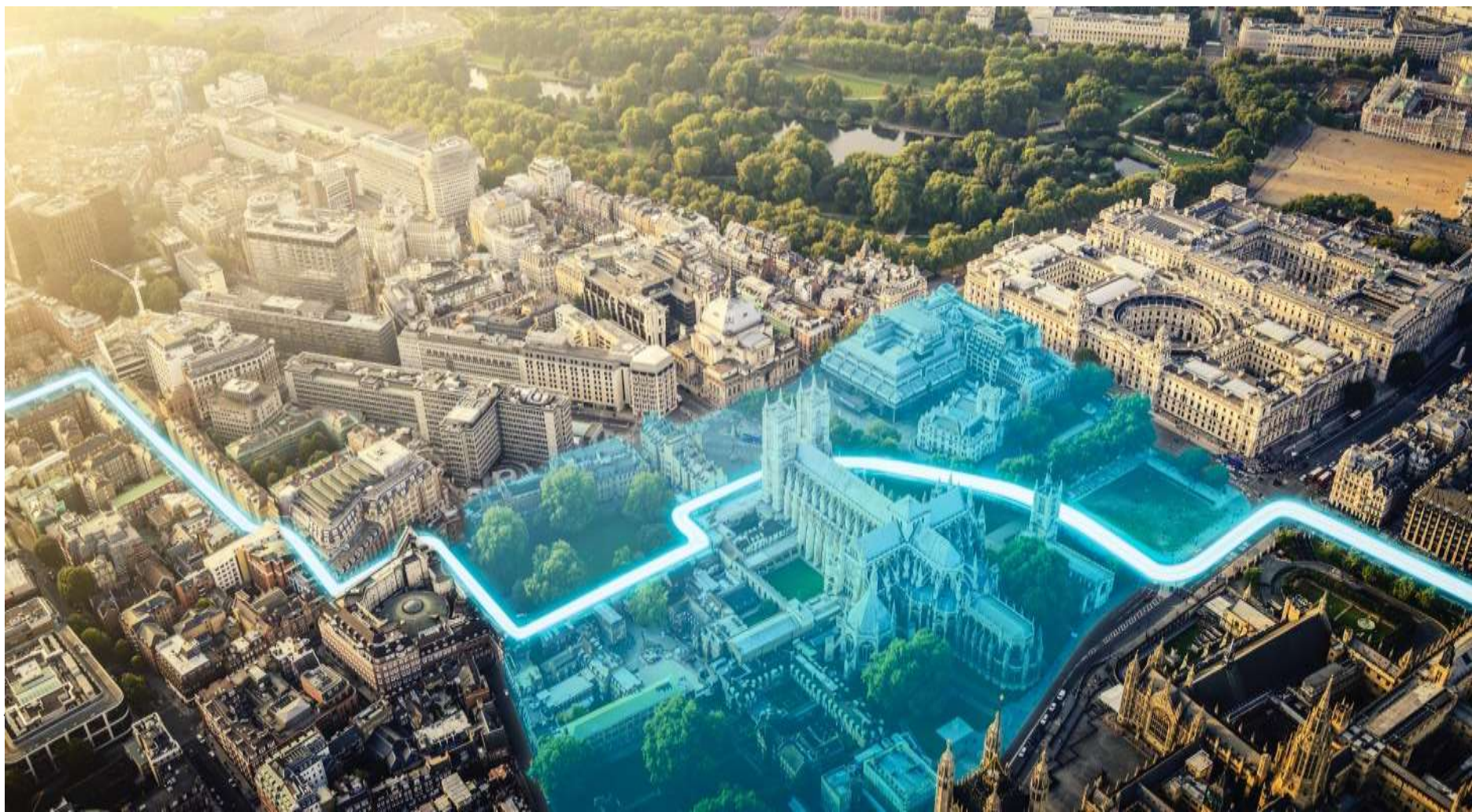
Autonomous



# New possibilities in smart Cities









# Autonomous - step by step

- Autonomous driving in confined areas
- Autonomous in-depot operations
- Autonomous driver assistance, bus stop docking







**High capacity. Fast, flexible and financially sound.**





# CREATE YOUR ZERO CITY

An aerial view of a city with a hand reaching in from the right to adjust a green bus on a road. The scene is overlaid with a blue, ethereal glow that highlights a path through the city, suggesting a digital or futuristic urban planning interface. The background shows a dense urban landscape with various buildings and green spaces under a hazy sky.

Our vision is to enable

Zero Emissions

Zero Noise

Zero Accidents

Zero Congestion

# Sustainability goes far beyond reduced emissions

- Improved public health
- Attractive public transport
- Responsible use of societal funding
- Driving quality of life





# Bus batteries second life

Storing solar power in housing association Viva



**Johanneberg Science Park** – communication and coordination

**Göteborg Energi** – energy functions and control

**Riksbyggen** – infrastructure and building

**Volvo Buses** – 2nd Life bus batteries for energy storage



# What your citizens want

# Quality of life

Cleaner air

Less traffic noise

Extended and improved public transport

Improved safety for all road users

Responsible use of energy

A city to be proud of







Thank you!