



MAN eMobility Truck Nordic EV Summit 2018

Product Marketing Truck
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trends with influence on future urban mobility - social

Urbanization



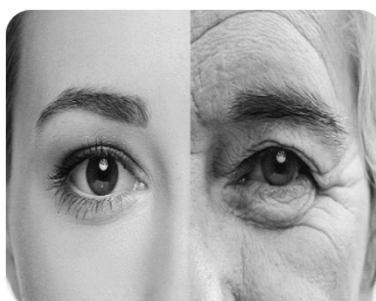
- fast growing cities
- increasing suburban areas
- congestion of infrastructure
- air pollution / noise

Environmental Awareness



- Paris Climate Target
- more restrictive legislations (air pollution, noise, etc.)
- society awareness for sustainability

Aging Society



- different use patterns old versus young
- more older and handicapped passengers

Limited Resources



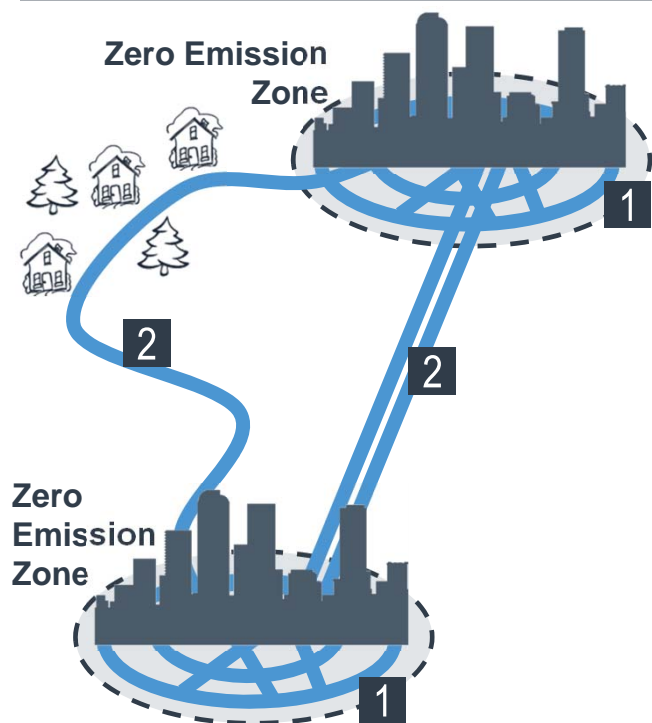
- shift from limited to renewable resources

Mobility



- multimodal mobility systems will develop
- individual, collective and on-demand transport

fields of action



Driver

1

Zero Emission

- entry restrictions
- no local emissions (e.g.: NOx, particle, CO₂)
- noise reduction
- € / tkm
- R & M costs

2

High Efficiency

- fuel consumption (l/km)
- energy efficiency
- CO₂-emissions (global)
- € / tkm
- R & M costs

MAN Truck & Bus

Zero Emission

more efficiency

CO₂ reduction

source: MAN GPT

ELECTROMOBILITY IN DISTRIBUTION TRANSPORT

eTG CONCEPT VEHICLE

TGM-based MAN eTruck concept for inner-city logistics tasks

- 100 % electrically driven
- zero emissions (no CO₂ or NO_x) and very quiet
- with a range of up to 200 km, suitable for city delivery services
- several months of practical trials starting in 2018
- series production of electric trucks starting in 2021



ELECTROMOBILITY IN CITY TRAFFIC

eBUS



fully electric MAN Lion's City bus

- 100 % electrically driven
- zero emissions
(no CO₂, NO_x or noise)
- series production
starting before 2020

MAN ePortfolio

Truck



Bus



Van





TRANSPORT SOLUTIONS ALTERNATIVE DRIVES

Transport Solutions

- specialist consultant team for alternative drive, including zero-emission solutions
- customised consulting for transport companies, local authorities and fleet operators
- development of intelligent and tailored transport solutions
- support with vehicle design, operation, infrastructure, as well as service and maintenance



Thank you!

