

STRATEGIES / FUTURE DIRECTIONS ...
IN AUSTRIA

Thomas Grünstäudl, ASFINAG
September 11, 2025



A|S|F|i|N|A|G

GUTE FAHRT, ÖSTERREICH!



THE MOTORWAY NETWORK IS AGEING

ASFINAG road network over the years



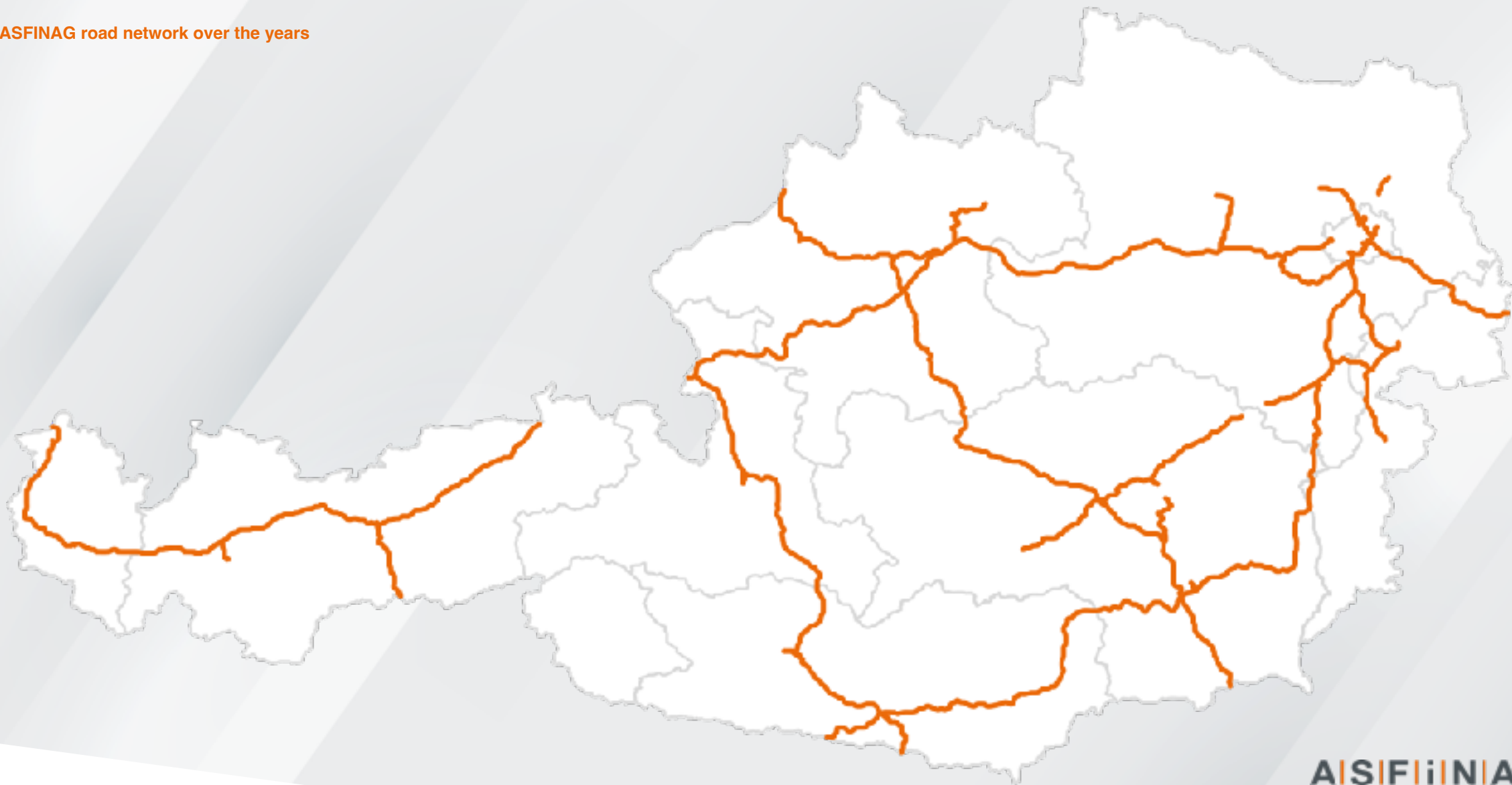
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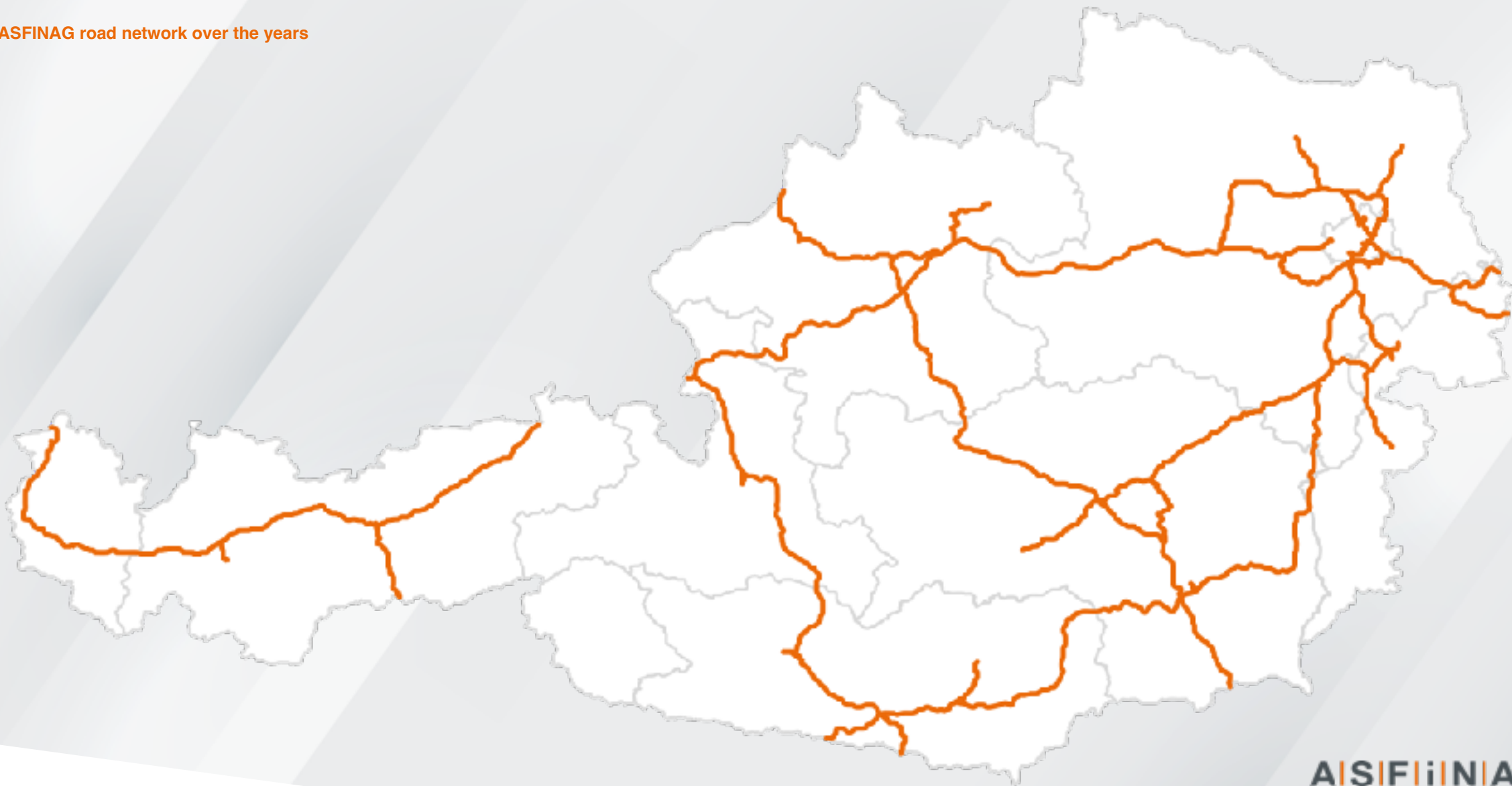
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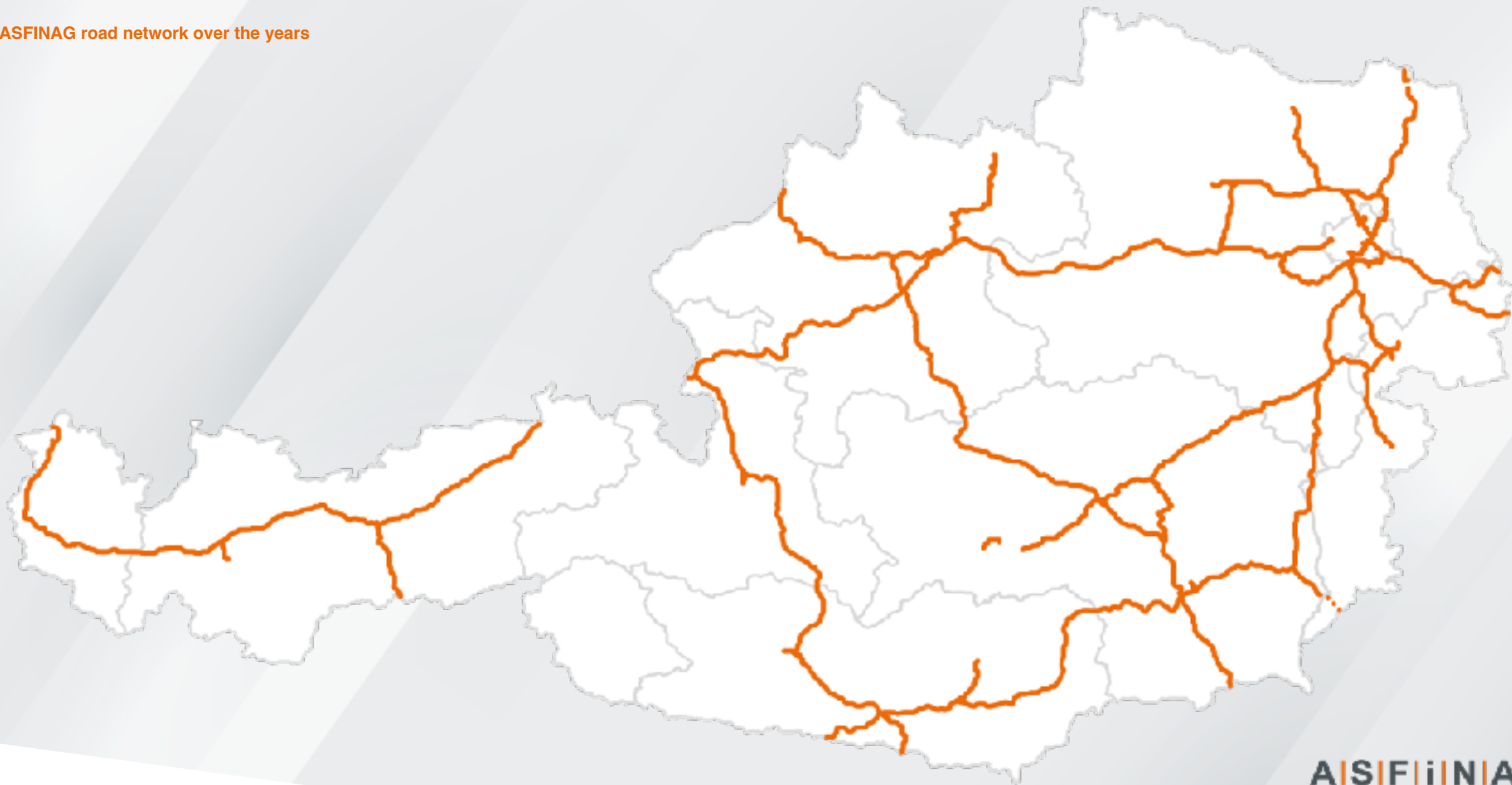
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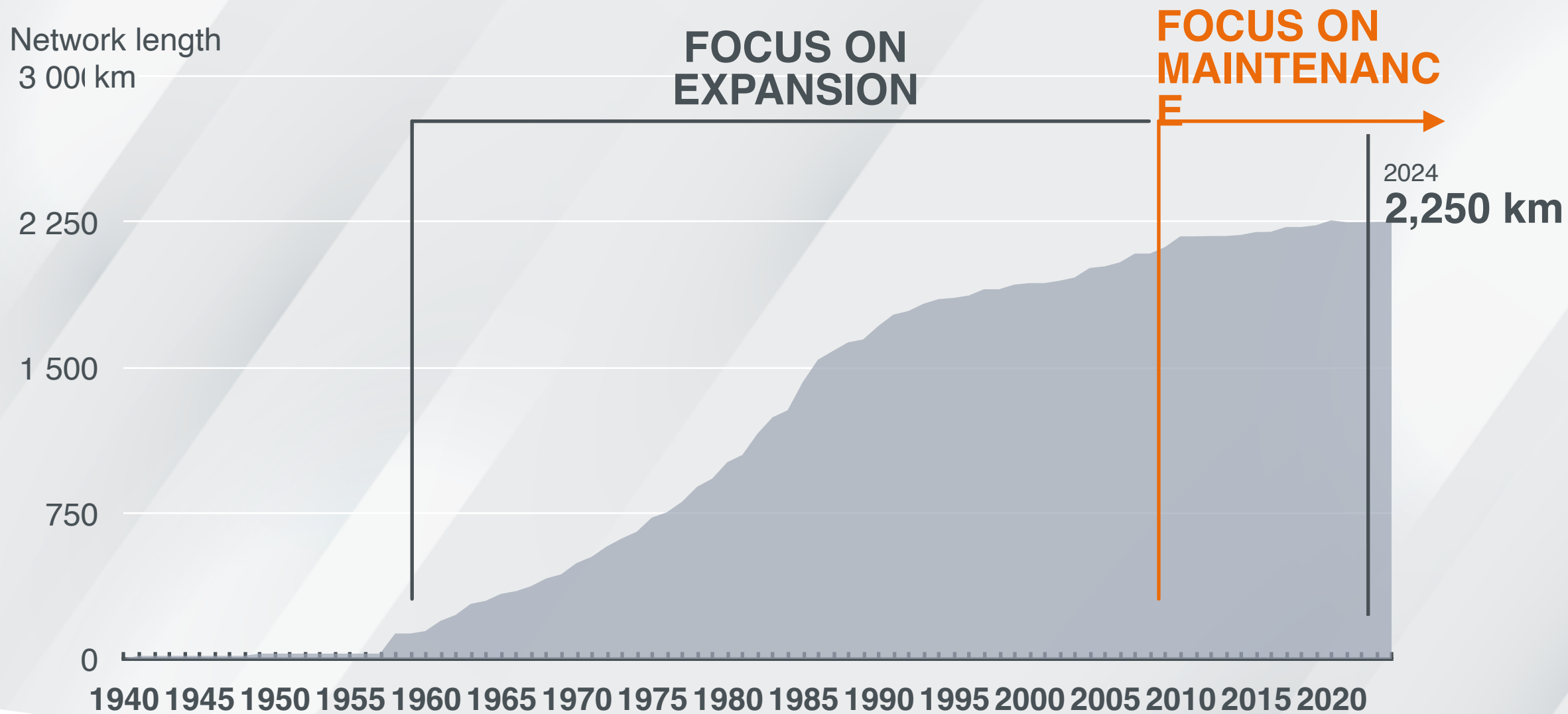


THE MOTORWAY NETWORK IS AGEING

ASFINAG road network over the years



THE MOTORWAY NETWORK IS AGEING



ANCHOR PROJECTS

A project that has a high priority in terms of implementation date for reasons of traffic safety, structural safety, sustainability and/or traffic routing within the construction programme.

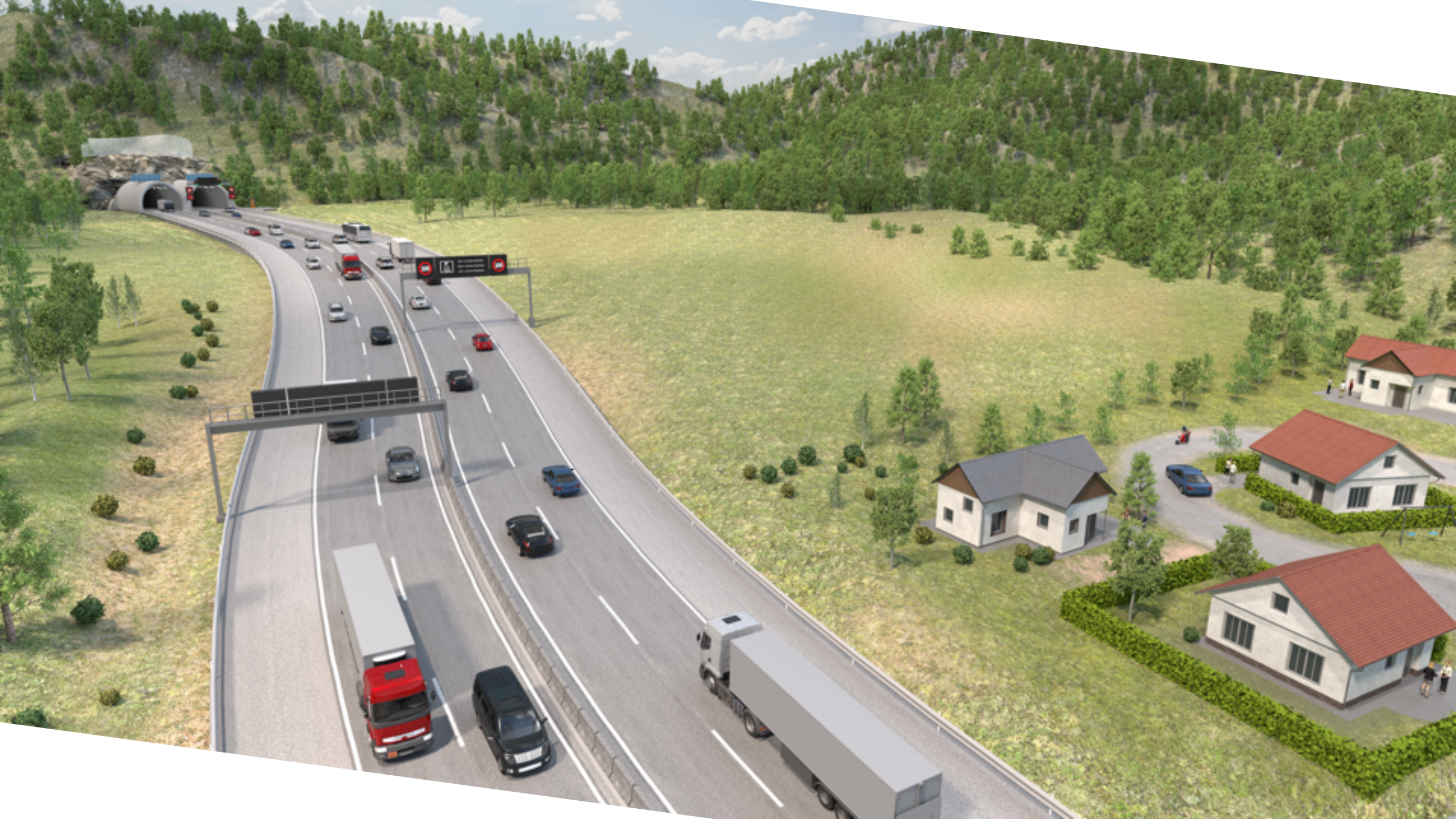


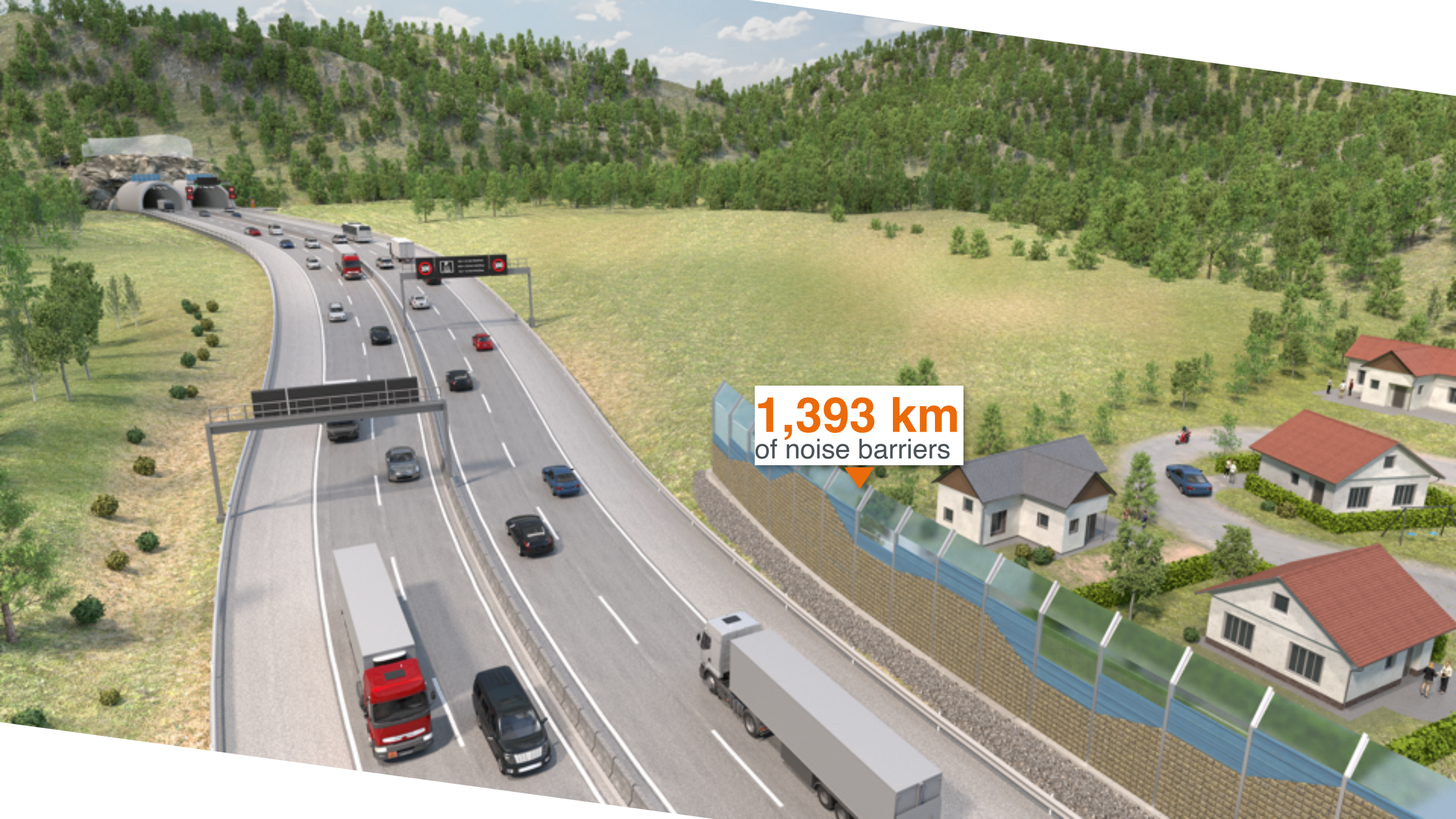
KEY PROJECTS



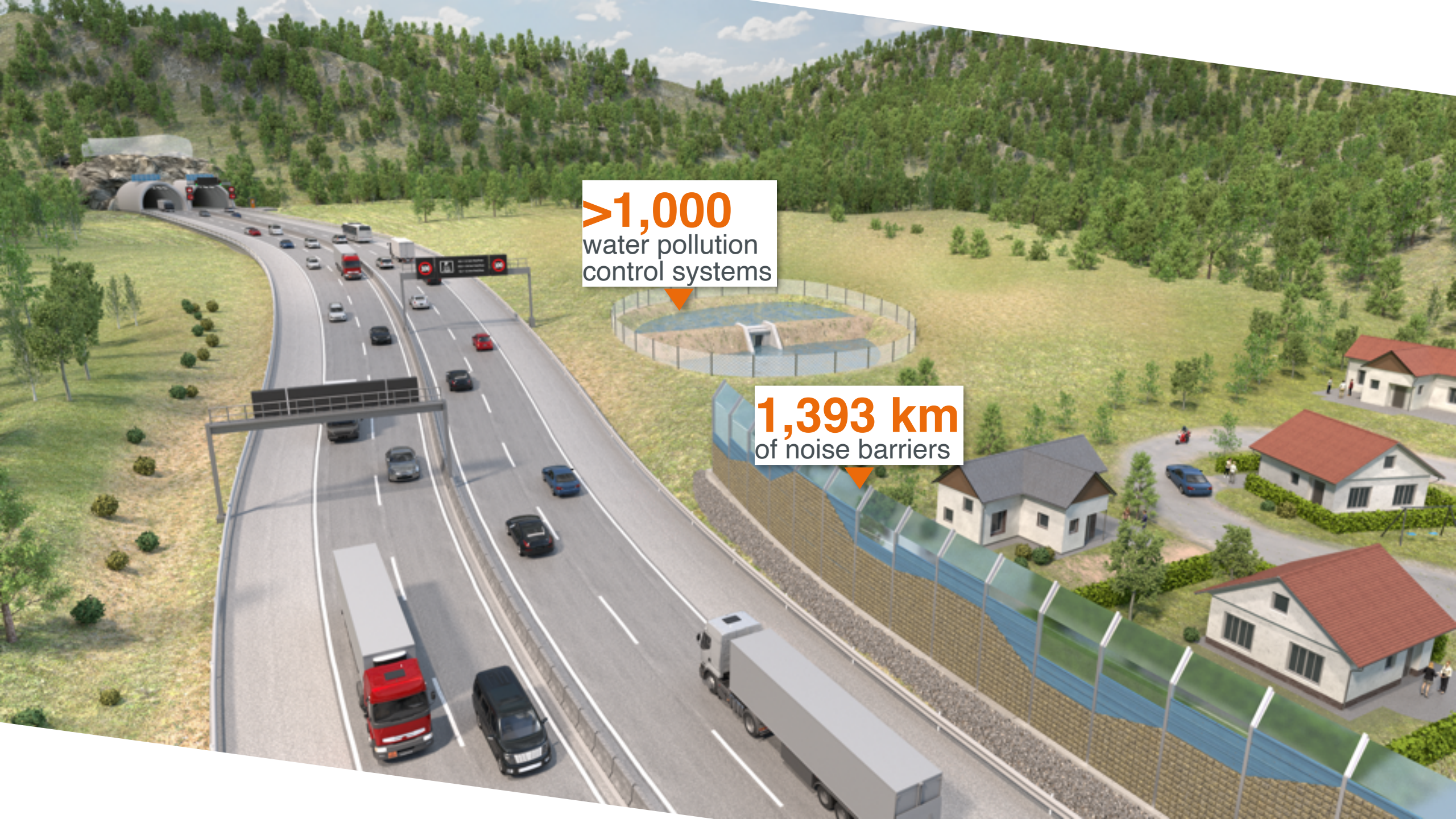
A complex maintenance project that requires early preparation (sometimes >12 years) due to e.g. approval procedures or other stakeholder interests







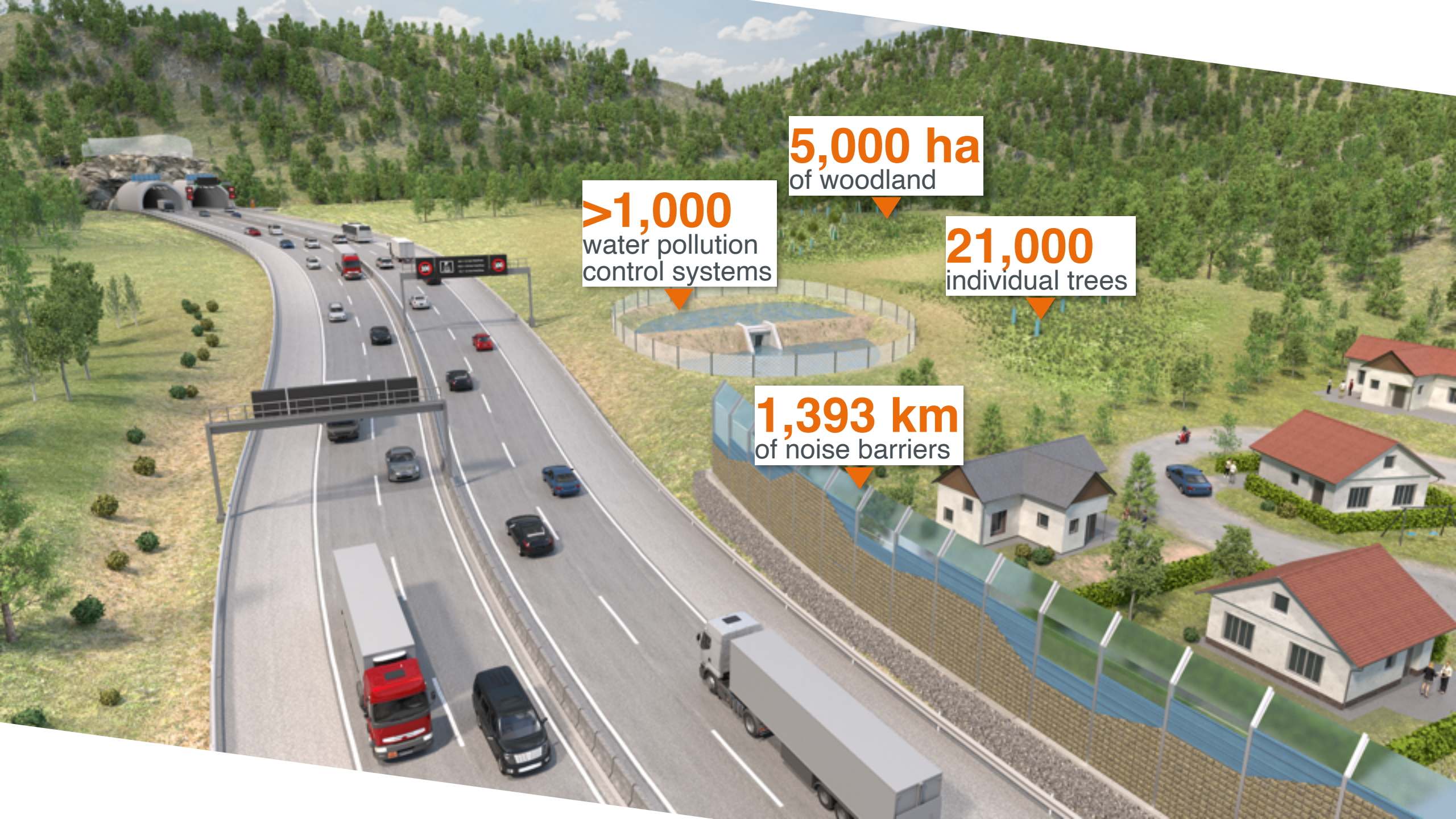
1,393 km
of noise barriers



>1,000
water pollution
control systems

This is an aerial 3D rendering of a highway infrastructure project. The highway is a multi-lane road with various vehicles including cars, trucks, and a bus. It features a tunnel on the left side, a water pollution control pond in the middle ground, and a long noise barrier on the right side. The surrounding landscape includes green hills, trees, and some residential buildings. Two callout boxes with orange arrows point to the pond and the noise barrier, highlighting specific features of the project.

1,393 km
of noise barriers

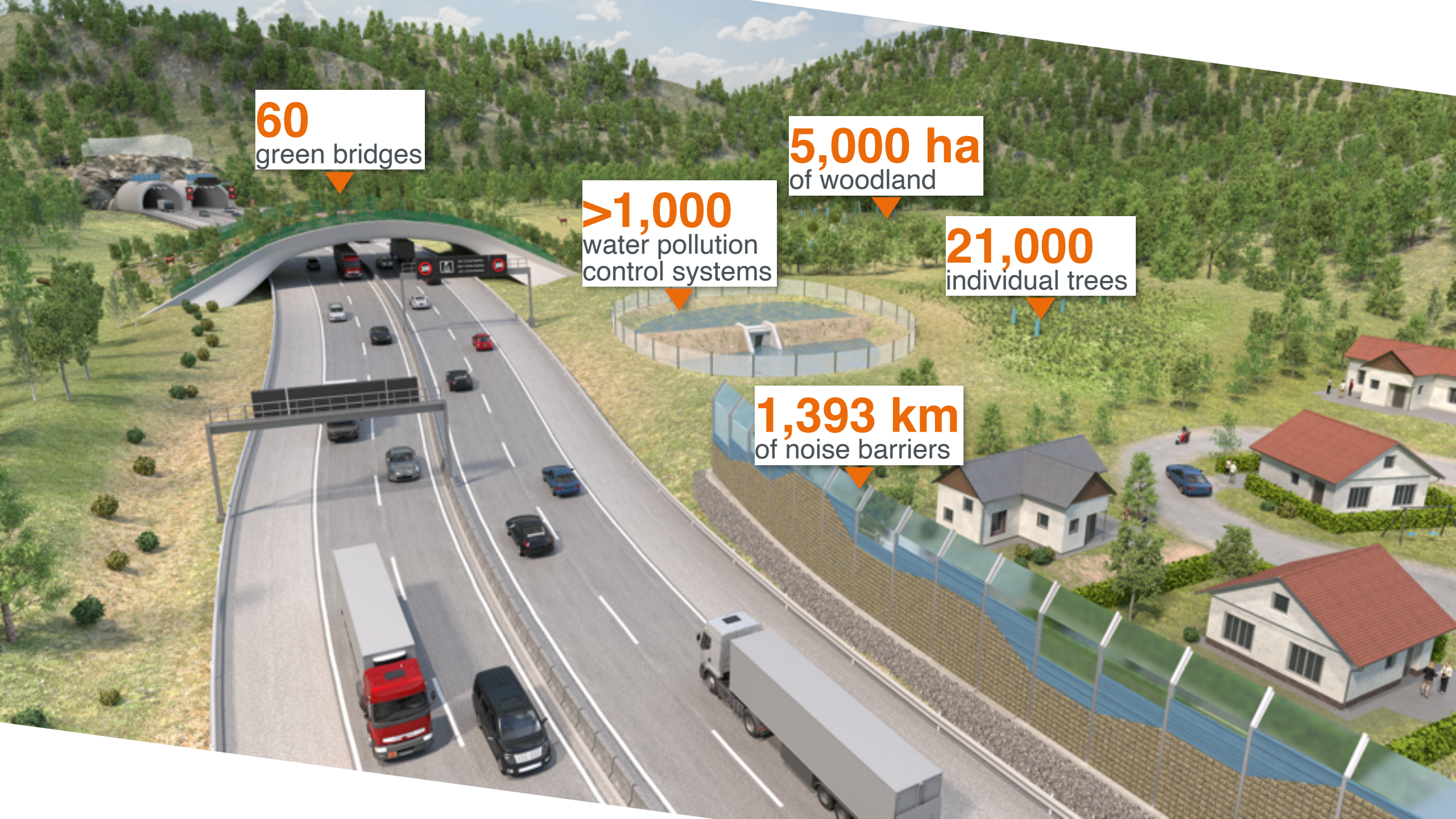


5,000 ha
of woodland

>1,000
water pollution
control systems

21,000
individual trees

1,393 km
of noise barriers



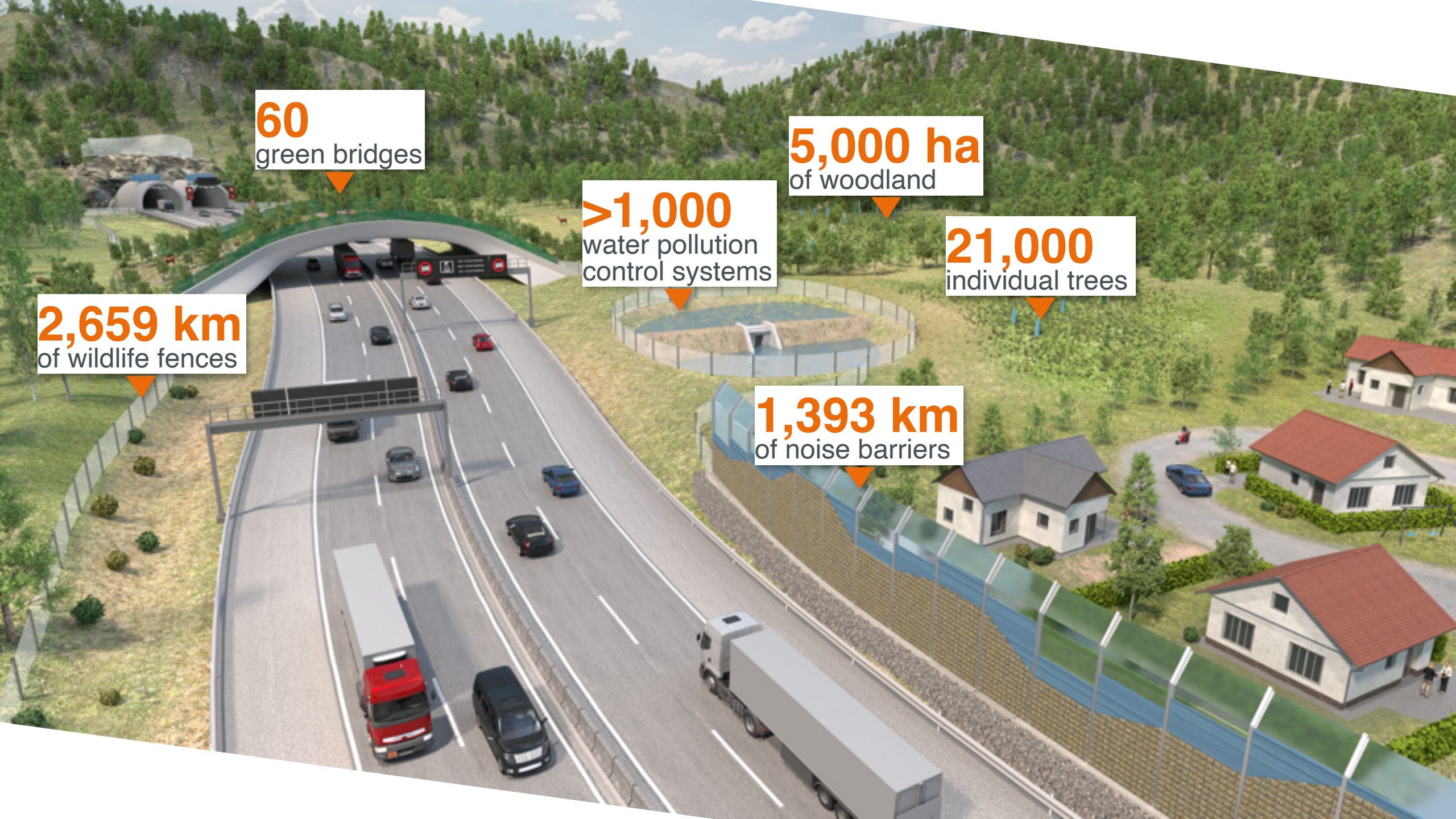
60
green bridges

5,000 ha
of woodland

>1,000
water pollution
control systems

21,000
individual trees

1,393 km
of noise barriers



60
green bridges

This infographic features an aerial perspective of a multi-lane highway. The highway is flanked by green bridges and runs alongside a residential area with houses and a noise barrier. A circular water pollution control system is visible on the right side of the road. The background shows a forested hillside. Various vehicles, including cars and trucks, are shown traveling on the highway.

5,000 ha
of woodland

>1,000
water pollution
control systems

21,000
individual trees

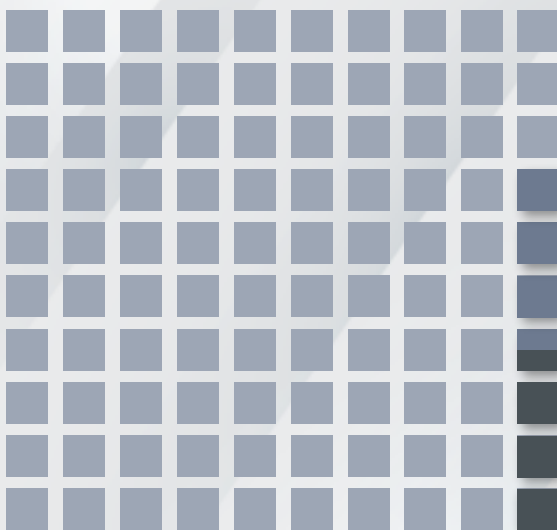
2,659 km
of wildlife fences

1,393 km
of noise barriers

LAND USE



83,882 sq km area

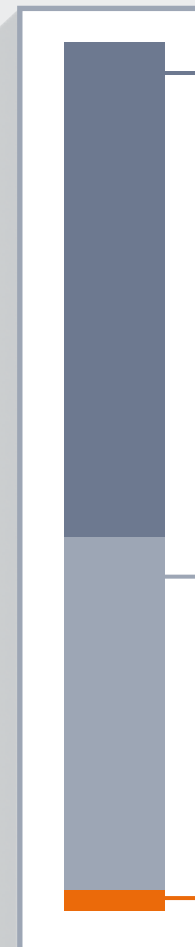


**5,648 sq km
(6.7%)**

is utilised as building
land, operational and
infrastructure areas



2,964 sq km (52%)
of which is
considered sealed



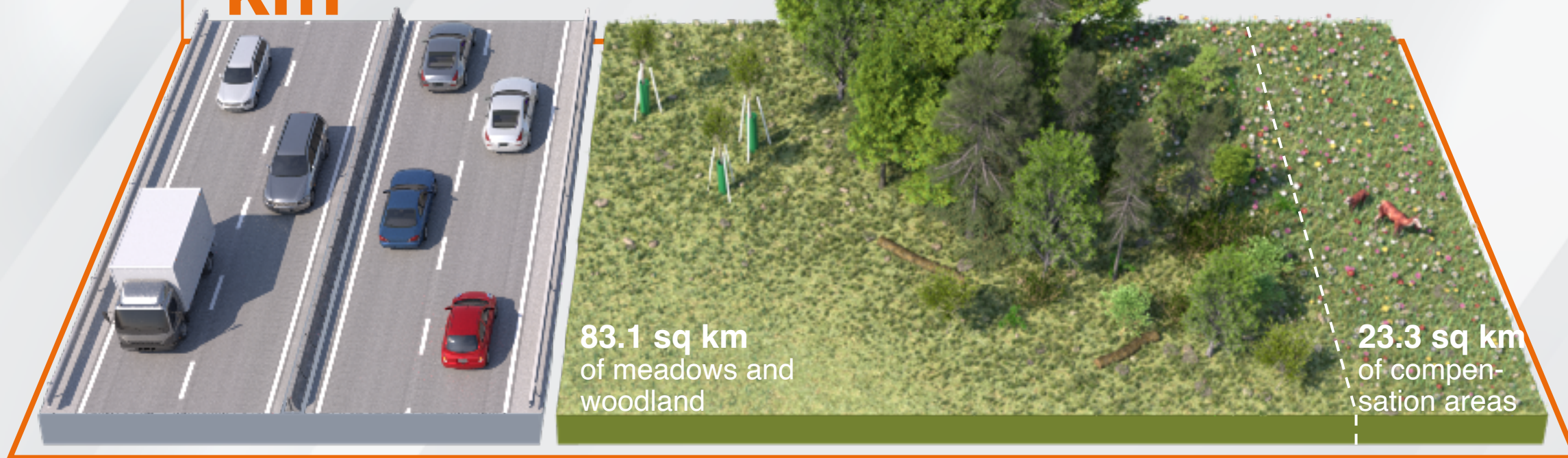
57% Settlement area
within and outside building
land designation, leisure
and recreation area, supply
and disposal area

43% Traffic area
(municipal roads,
regional roads,
railways, motorways,
highways)

of which
2.3% Motorways
and highways

LAND USE

170 sq km
ASFINAG's total area



63.6 sq km of sealed area

106.4 sq km of unsealed area

DECARBONIZATION
IN CONSTRUCTION

OUR PATH TO
SUSTAINABILITY



SUSTAINABLE CONSTRUCTION & MANAGEMENT

Planning phase

Tendering phase

Construction phase

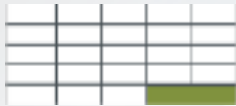
RESOURCE EFFICIENCY



USE OF CLIMATE-FRIENDLY MATERIALS



GREENHOUSE GAS ASSESSMENT (LCCO₂)



GREEN PROCUREMENT



CIRCULAR ECONOMY



CLIMATE-FRIENDLY CONSTRUCTION



Over the entire life cycle

LIFESPAN EXTENSION

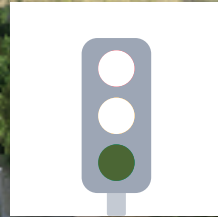
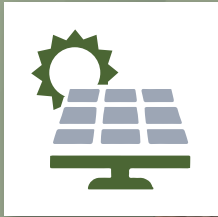
70 Years

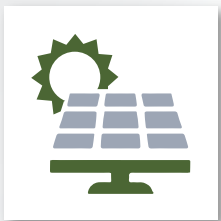
100 Years

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DECARBONIZATION
IN OPERATION

OUR PATH TO SUSTAINABILITY





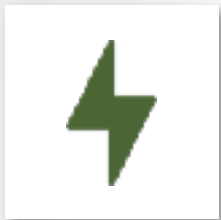
ENERGY GENERATION,
ENERGY EFFICIENCY



GOAL

**COVER OWN
ELECTRICITY
NEEDS
INDEPENDENTLY**

on balance by 2030



E-CHARGING



GOAL

**1,500 CAR
CHARGING
POINTS**
by 2030

**1,300 TRUCK
CHARGING
POINTS**
by 2035



PARK&RIDE



OF WHICH

**11 CAR PARKS
FOR COMMUTERS
WITH PUBLIC
TRANSPORT
TRANSFER**



PUBLIC TRANSPORT TRANSFER



Stockerau

A|S|F|i|N|A|G



PUBLIC TRANSPORT TRANSFER



Gleisdorf





PARK&DRIVE

MINDSET

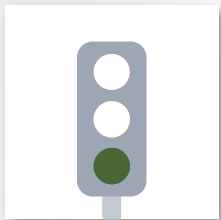
→ AVOID

IN OPERATION

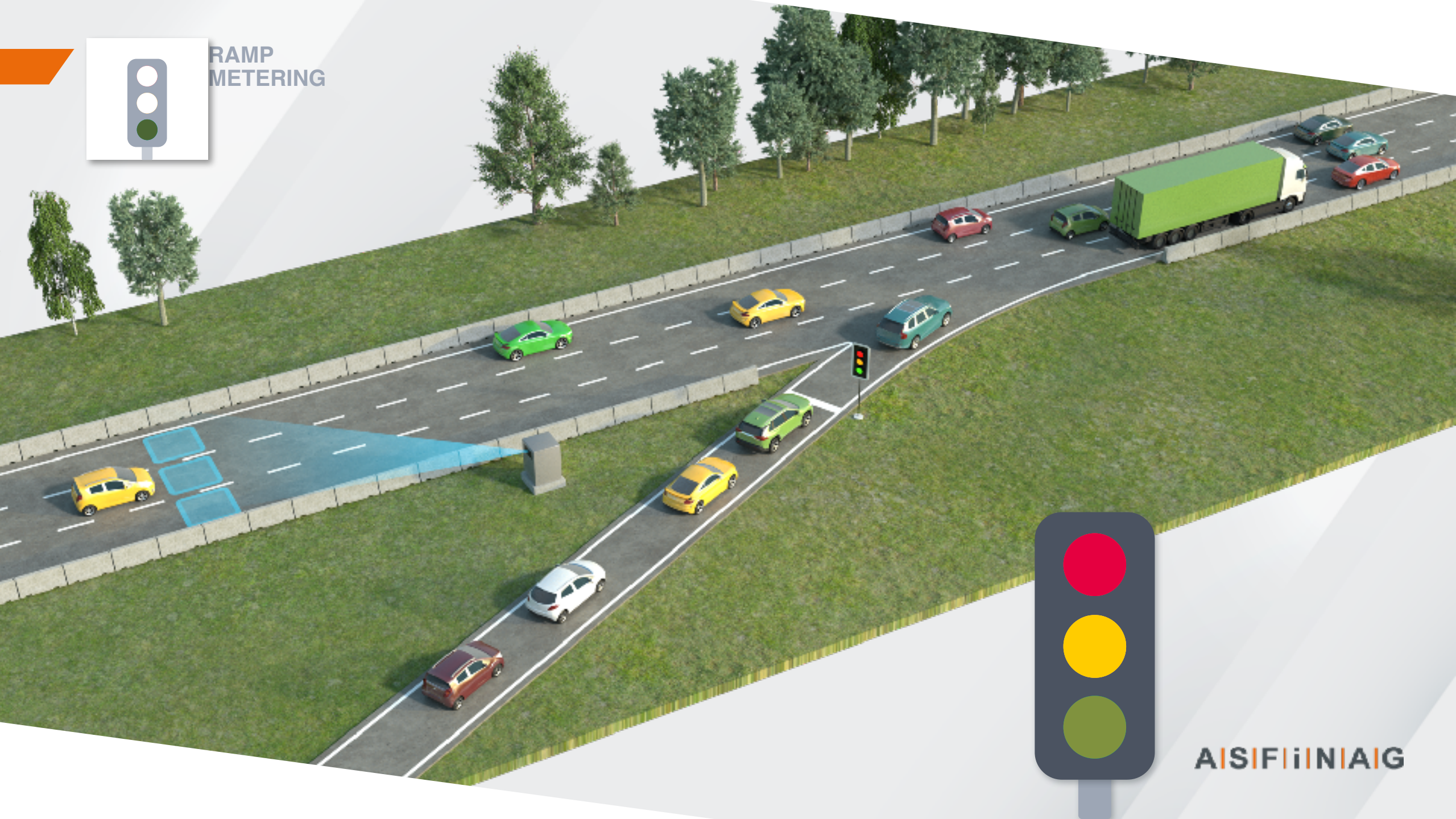
70 CAR PARKS
FOR COMMUTERS
3,600 SPACES



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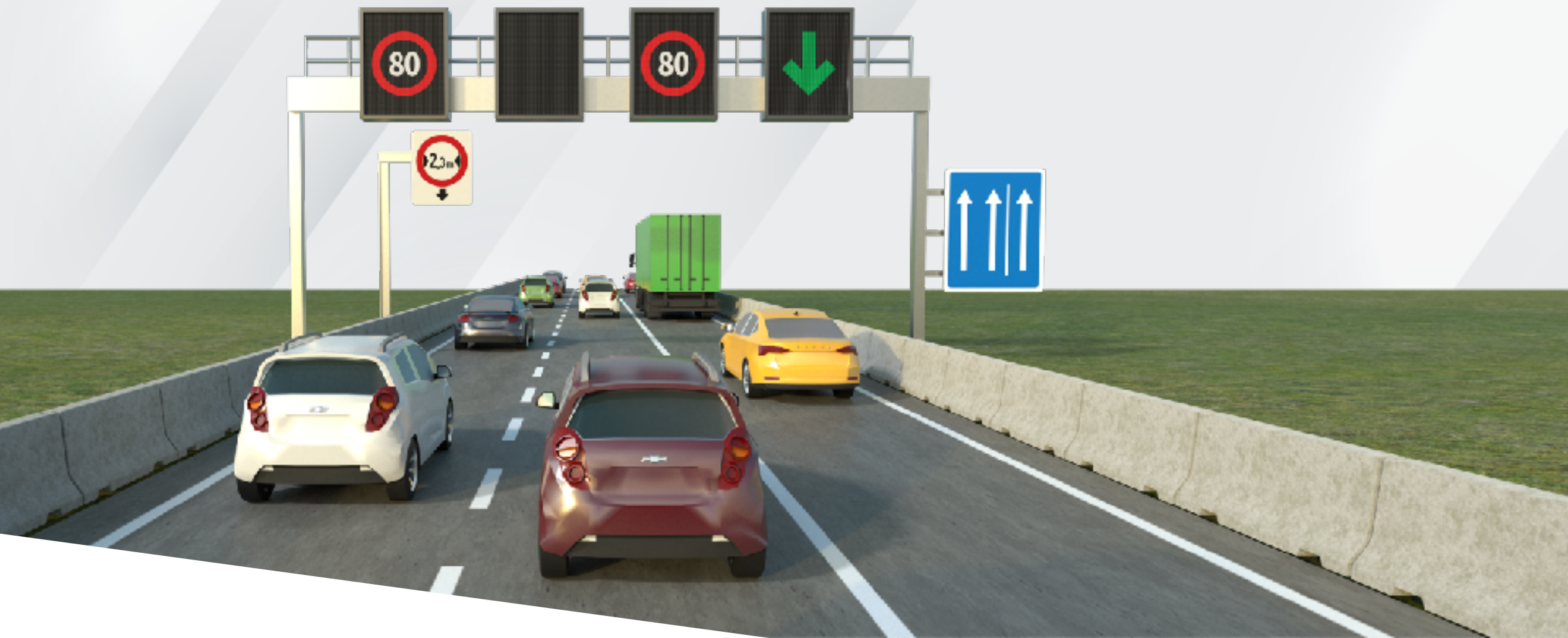


RAMP METERING





OPENING THE HARD SHOULDER TO TRAFFIC





C-ITS SERVICES



Emergency Vehicle



Road Works Warning



Traffic Jam



Accident Zone



Stationary Vehicle

...



Emergency vehicle



km/h

0

READY

46% 222 km

0-0

20

km

25.1

kWh/100km

Since start

△
D / B

N
R

A scenic landscape featuring a bright sun in a clear blue sky, casting rays over a range of mountains. In the foreground, there is a lush green field. A multi-lane bridge spans a valley in the middle ground. The text "FROM RESPONSIBILITY TO RESPONSE ABILITY" is overlaid on the image.

FROM RESPONSIBILITY TO RESPONSE ABILITY