



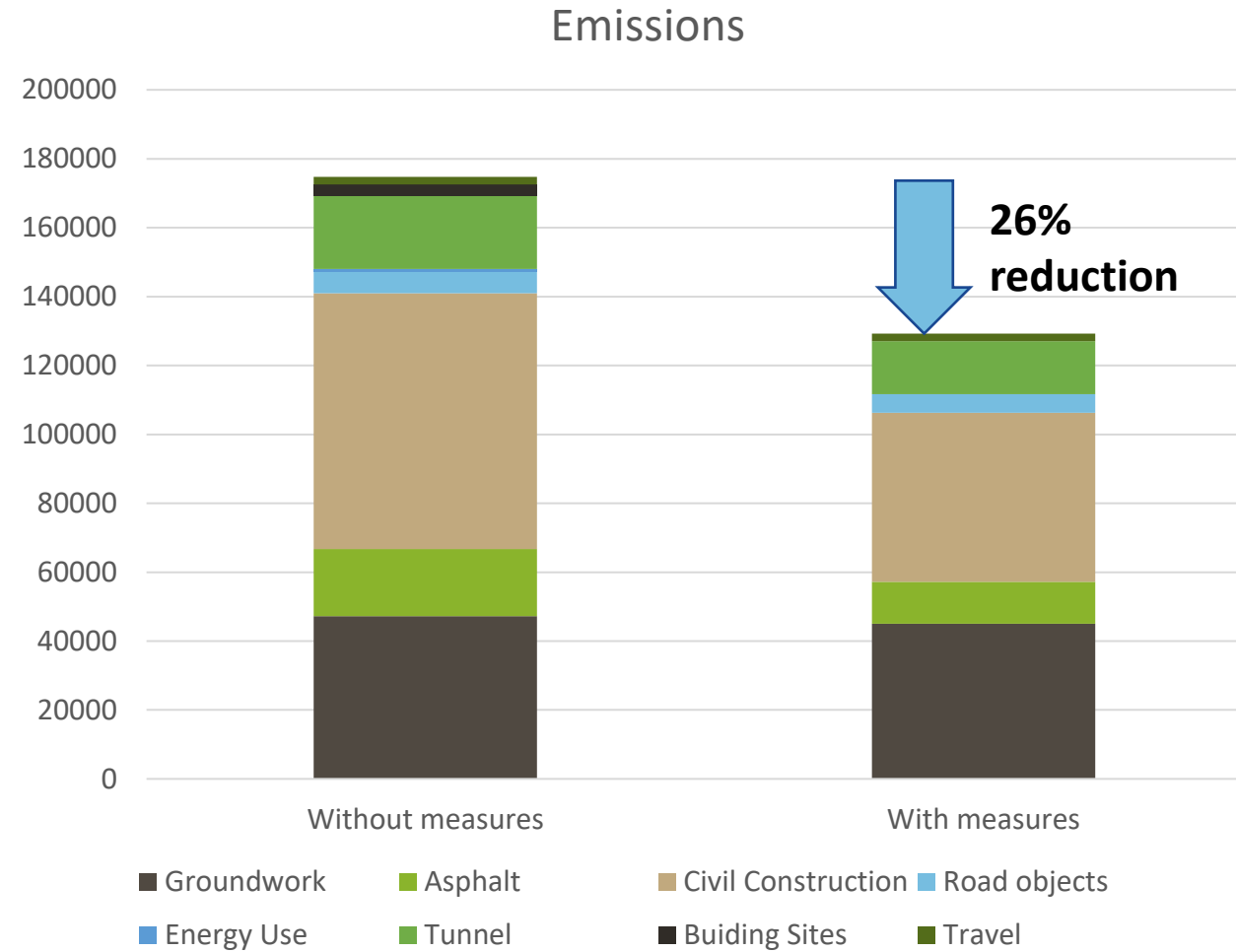
Current situation: Sustainability

Q4 2021

Projected CO₂ emissions

Emissions from start of work till Q4 2021

Goal: Reducing the emissions of the realisation phase with **23%***

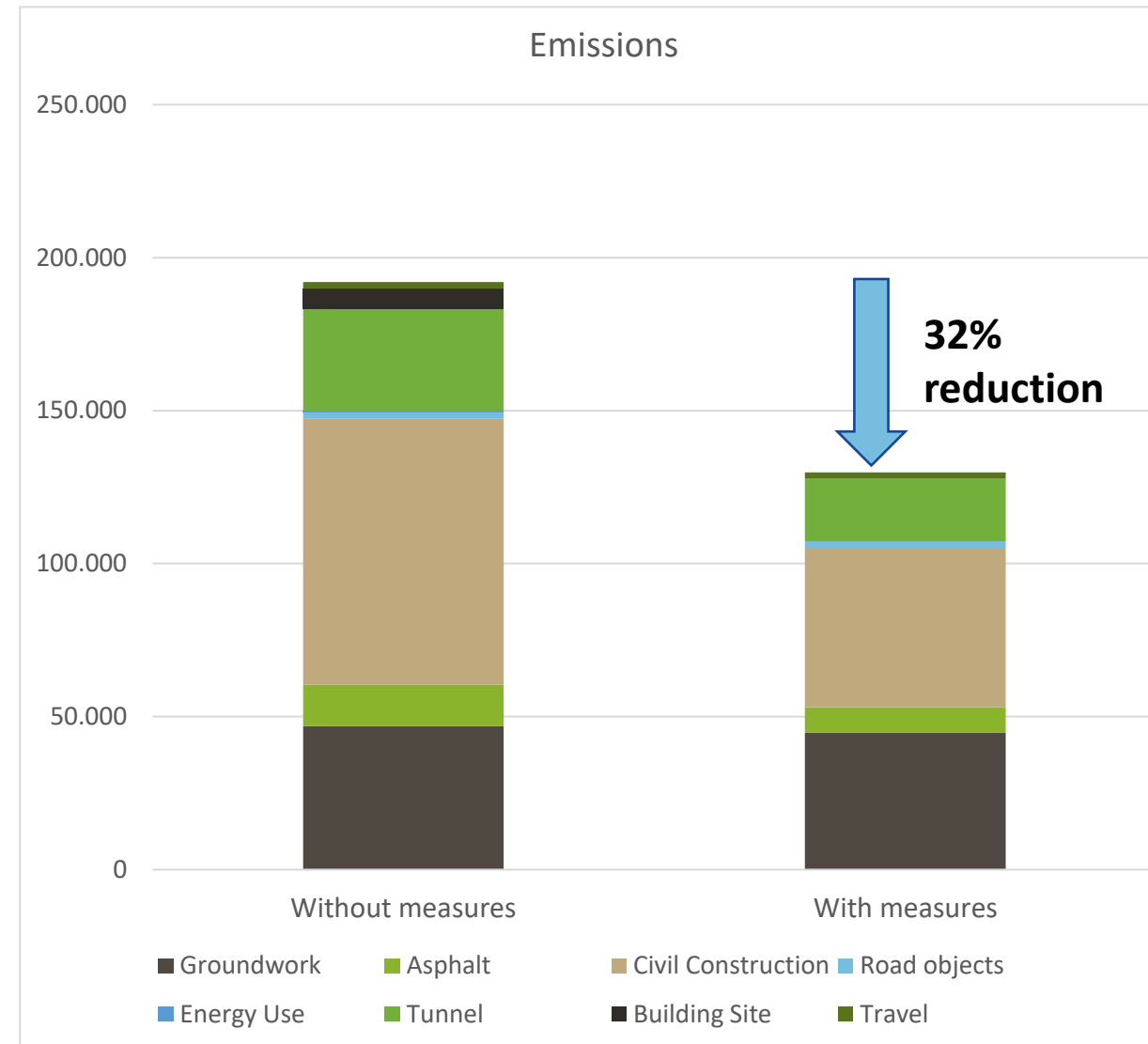


True CO₂ emissions

Emissions from start of work till Q4 2021

Goal: Reducing the emissions of the realisation phase with **23%***

*true emissions compared to the planning without reduction measures.



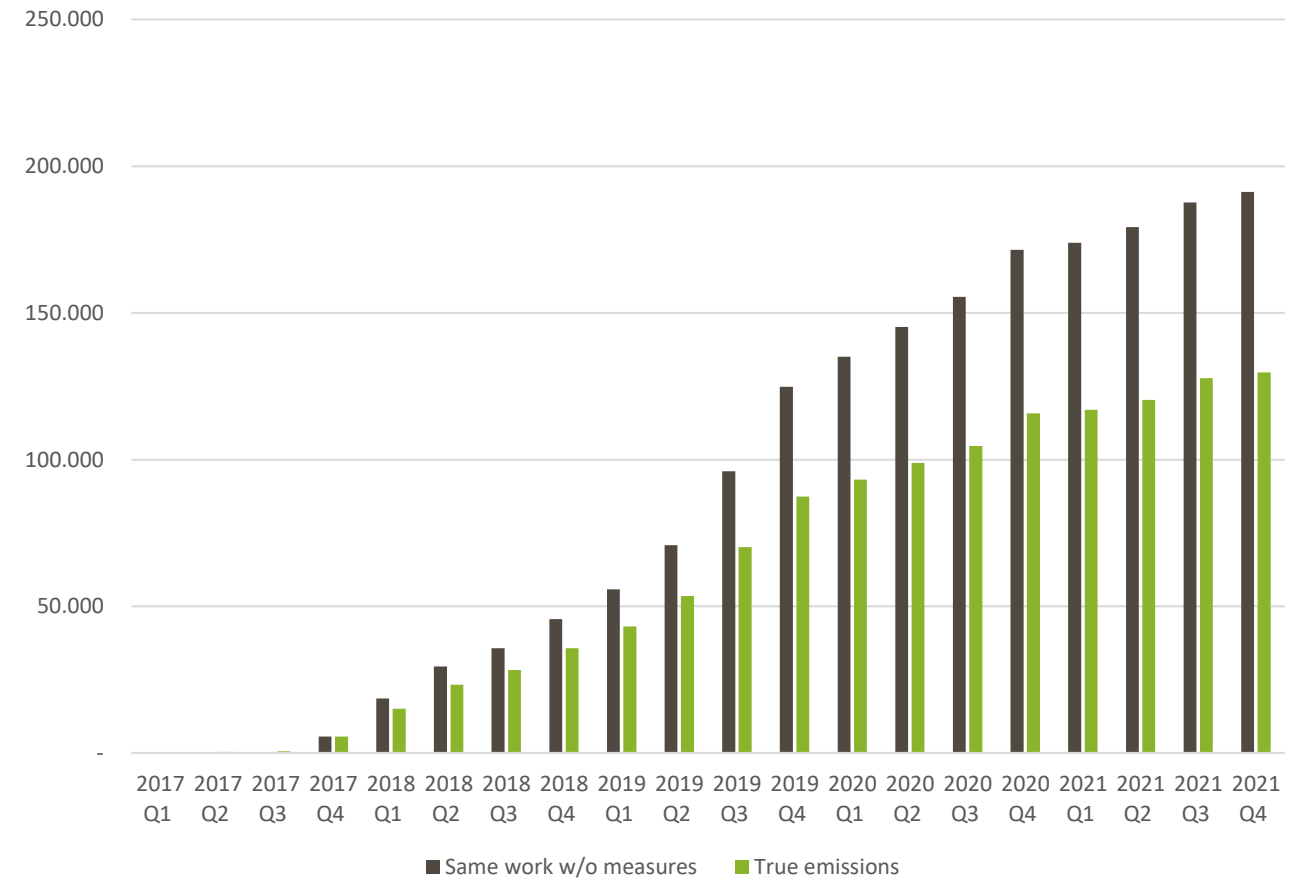
CO₂ emissions over time

Emissions from start of work till Q3 2021

Goal: Reducing the emissions of the realisation phase with **23%***

*true emissions compared to the planning without reduction measures.

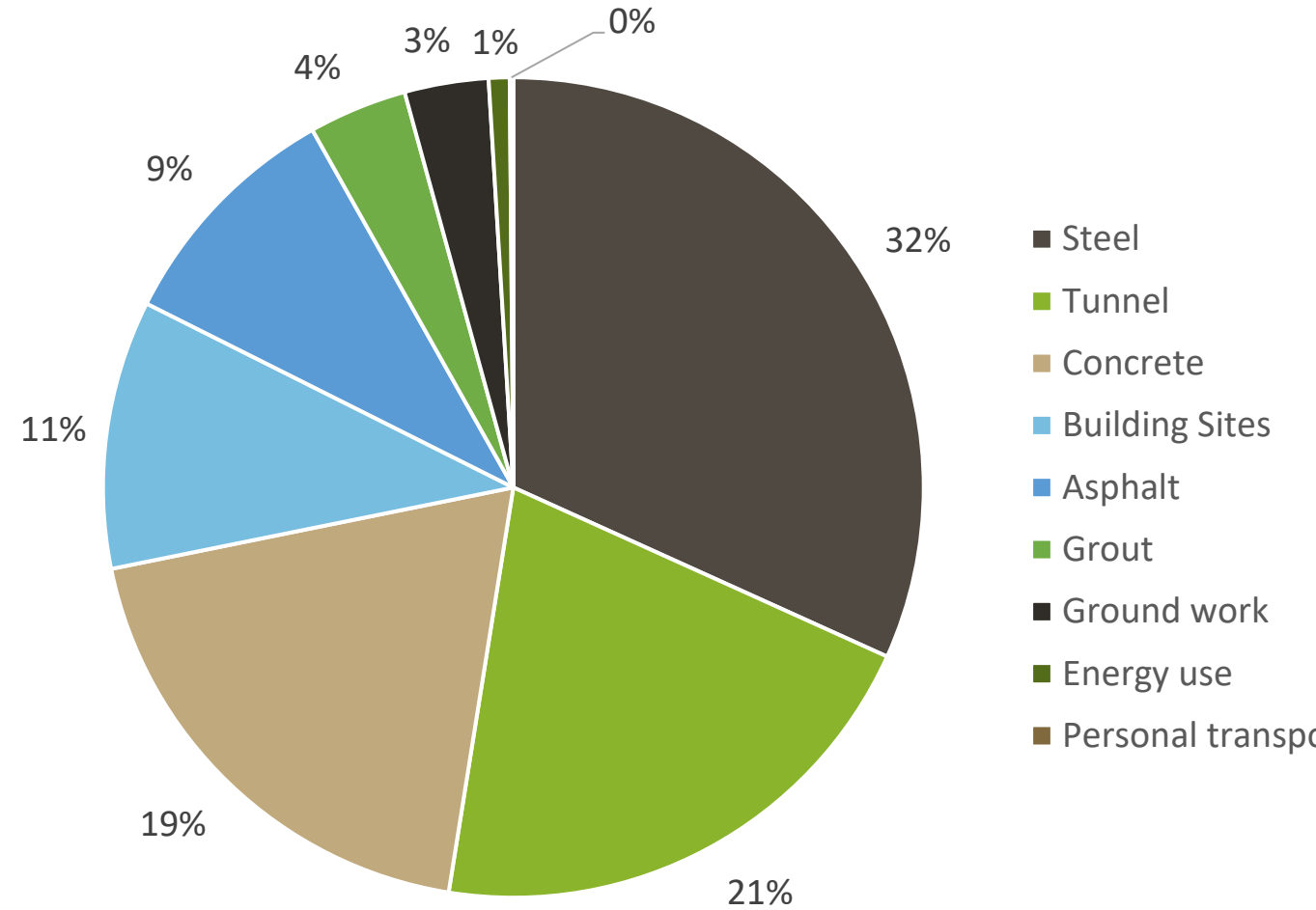
Emissions over time



CO₂ reduction

True emissions compared to industry standard

Reduction (total 62,218 tonnes CO₂)



CO₂ goal scope 3: usage



CO₂-PRESTATIELADDER®

To reduce our CO₂ footprint, we have set the following goal:

Reducing the emissions of the exploitation phase with **50%**

These are planned emissions including measures compared to the original planning without reduction measures.

SOLAR OPTIC FIBRE

Approximately 50% of the electricity use of a tunnel, comes from lighting.

Using Solar Optic Fibre, we can reduce the electricity requirement by almost **25%** for the entire tunnel!

De RijnlandRoute is the first project where this technique is used for a tunnel.

The electricity that is still required for the tunnel will be generated by a nearby solar park, assembled for this purpose.

Let's talk about CO₂!

Do you have any questions, ideas or comments, let us know via duurzaamheid@mobilis.nl





Nature-inclusive building

- Planting trees and plants which can withstand longer periods of drought
- Ecoduct for small mammals and amphibians
- Passage for fauna such as ermines, mice, squirrels, and toads
- Aqueduct for aquatic animals and bats
- Plant covered barriers
- Compensation for cut-down trees



A few more CO₂ reduction measures

- Buy sustainable electricity
- Pilot with innovative moss screen
- Future-proofing the tunnel
- Preparations to connect the tunnel tubes to 5G networks
- Extra (car) charging point for the service buildings
- Extra casing pipes for future connections will be installed