An aerial photograph showing a multi-lane highway interchange with several wind turbines on the left side. The landscape is a mix of green agricultural fields, water bodies, and some industrial or construction areas in the background. A large, semi-transparent circular graphic is overlaid on the right side of the image, containing the text.

Current situation: Sustainability

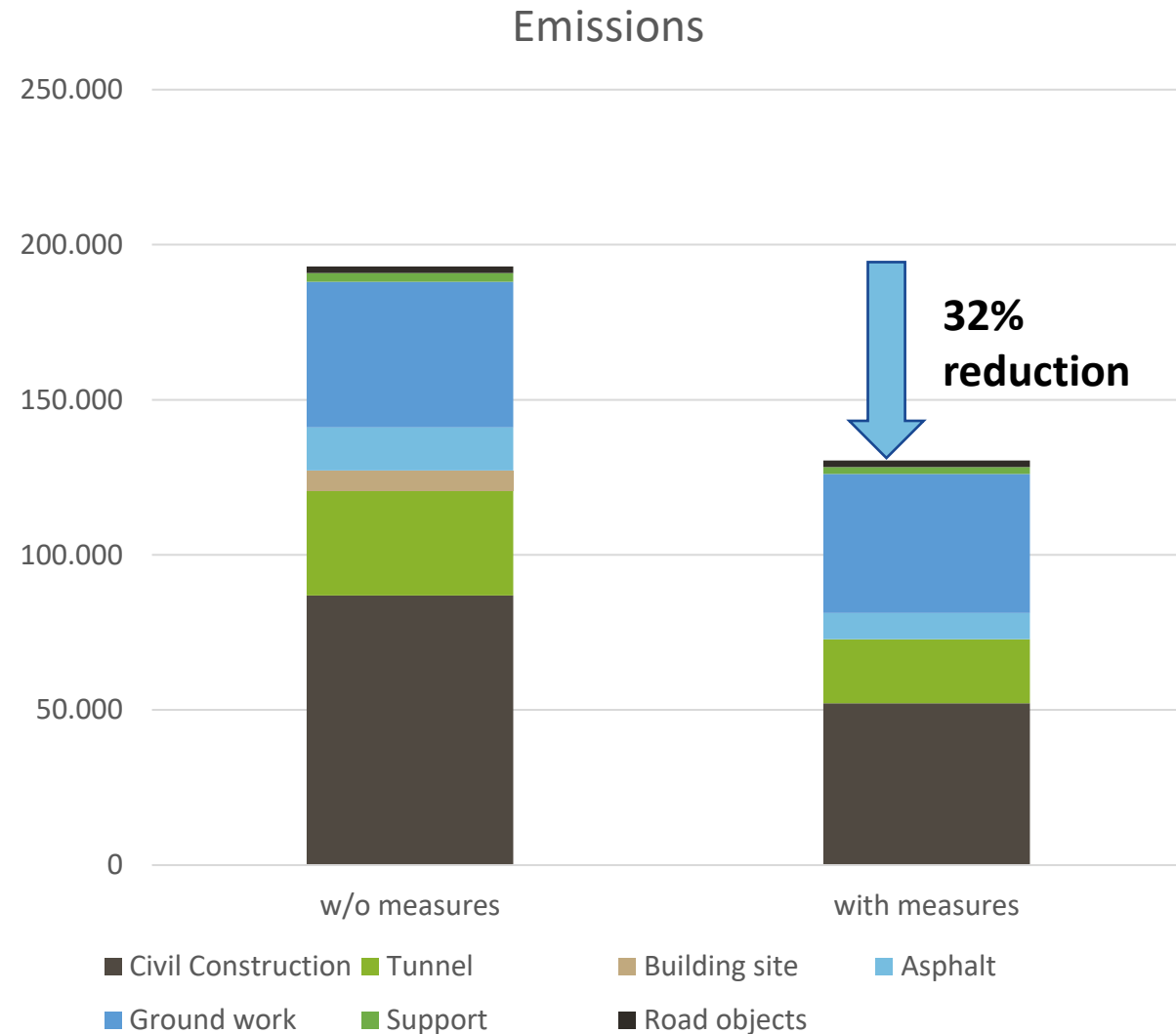
Q1 2022

Actual CO₂ emissions

Emissions from start of work till Q1 2022

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

*true emissions compared to the planning without
reduction measures.



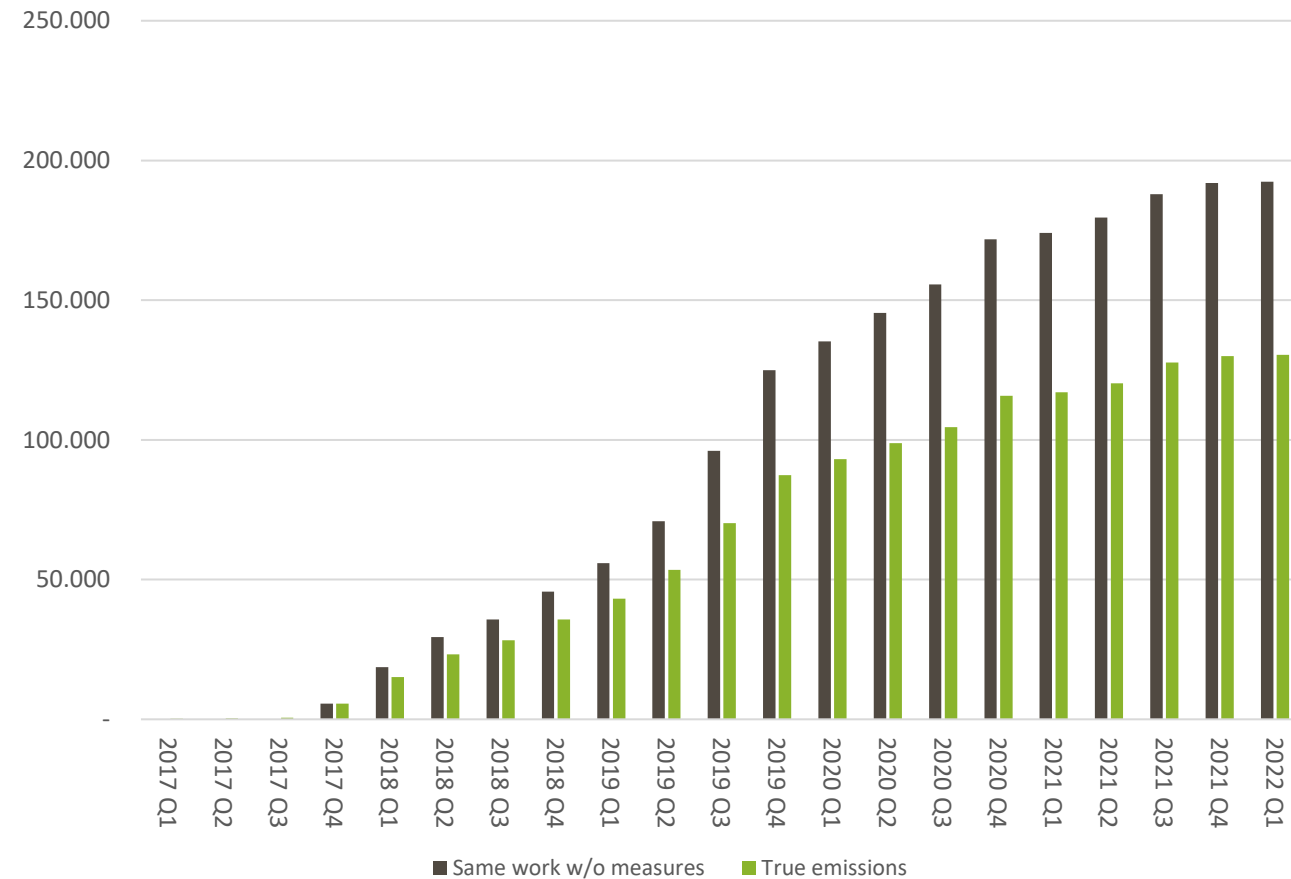
CO₂ emissions over time

Emissions from start of work till Q1 2022

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

*actual emissions compared to the planning without reduction measures.

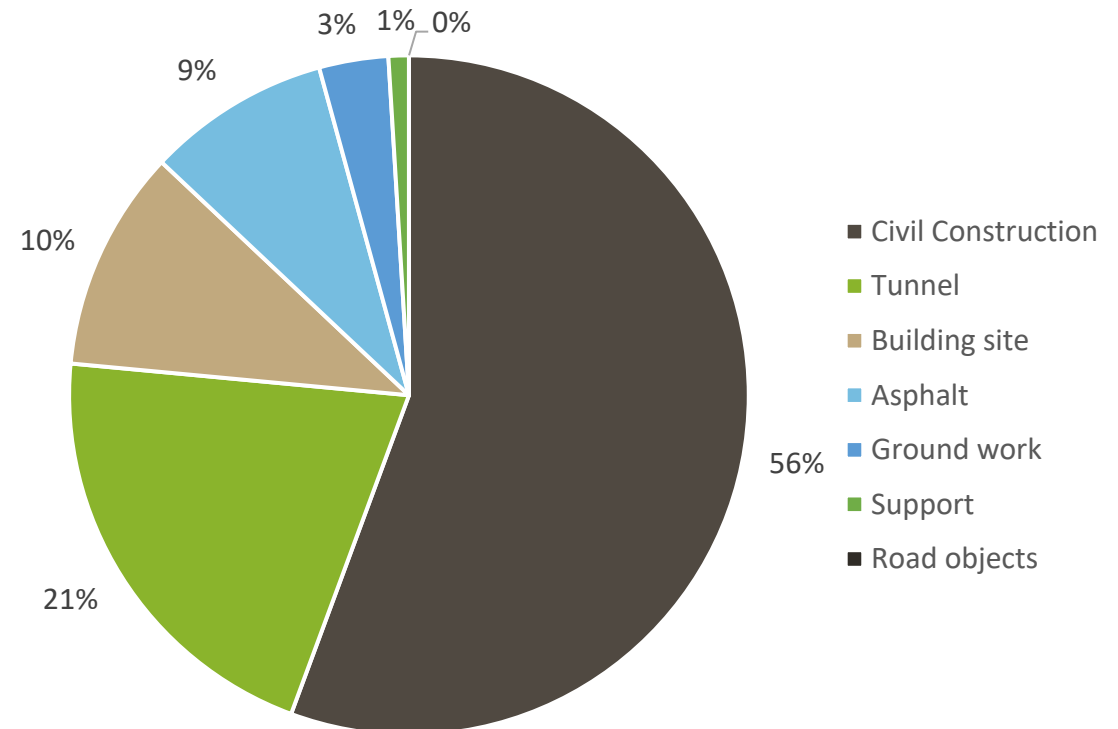
Emissions over time



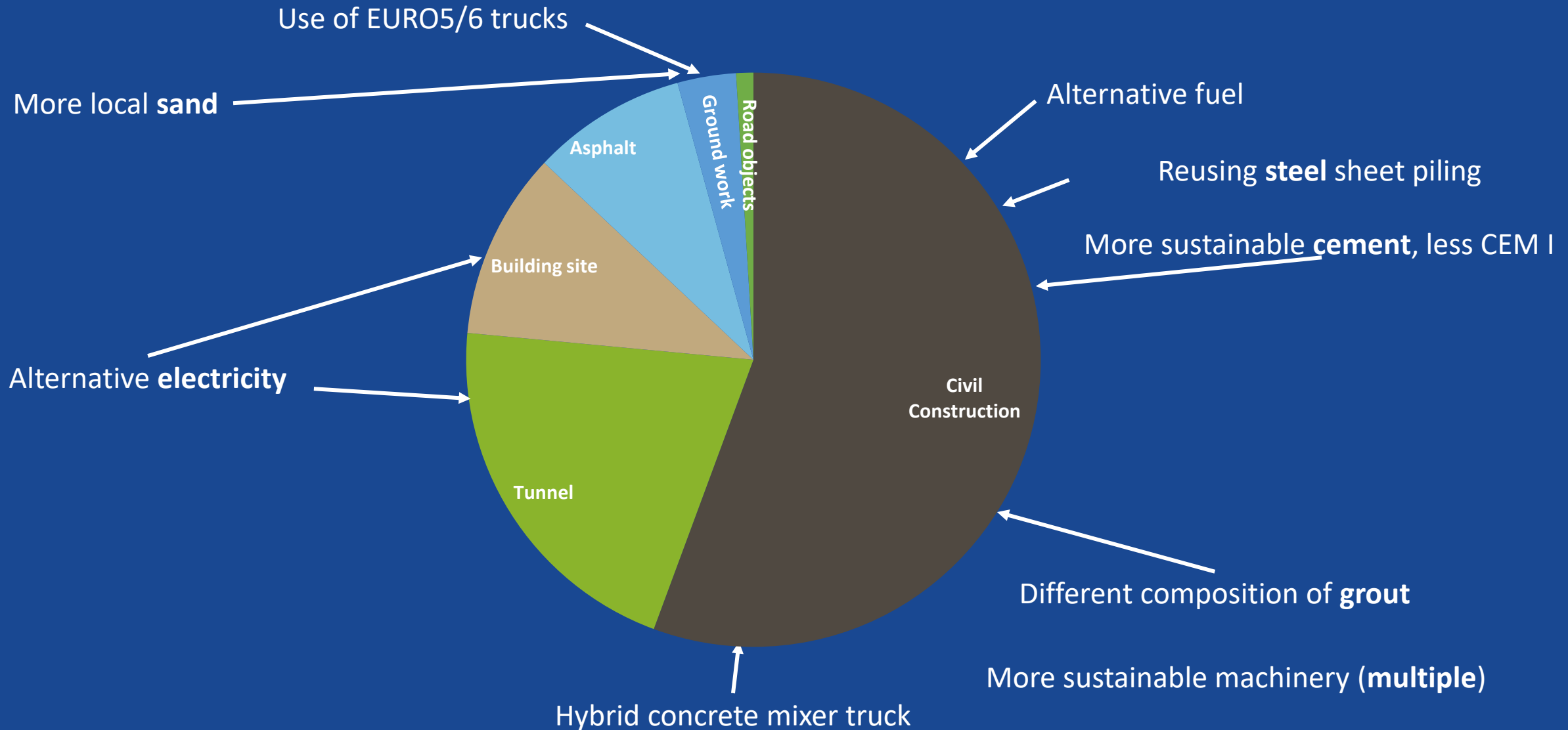
CO₂ reduction

True emissions compared to industry standard

Reduction (total 62.497 tonnes CO₂)



A few CO₂ reduction measures



CO₂ goal scope 3: usage



SOLAR OPTIC FIBRE

Approximately 50% of the electricity use of a tunnel is due to the illumination. Using Solar Optic Fibre, we can reduce the electricity requirement by almost **10-20%** for the entire tunnel!



Green compensation

- Planting trees and plants which can withstand longer periods of drought
- 10.000 trees, 20.000 bushes and 30.000 hedgerows
- Biodiversity and Climate Change
- Plant covered barriers
- Compensation for cut-down trees





Installation Solar panels on Eastern Service Building

SOLAR PANELS

The solar panels have been mounted on the Eastern Service Building. This concerns a total of 204 units, which together should be able to produce about 58,000 kWh annually. The energy is used for the tunnel's installations.



Working on sustainable solutions together

We are continually looking for new sustainable measures. We try to be a soundboard for the Province Zuid Holland to continually improve our sustainability but also the sustainability of the finished product.

