

An aerial photograph of a multi-lane highway interchange in a rural, green landscape. The highway runs diagonally from the top left towards the bottom right. To the left of the highway, there are several large wind turbines. The surrounding area is filled with green fields and a network of waterways. In the background, there are some industrial or construction sites with cranes and buildings. The overall scene depicts a blend of infrastructure, renewable energy, and agriculture.

Current Situation: Sustainability

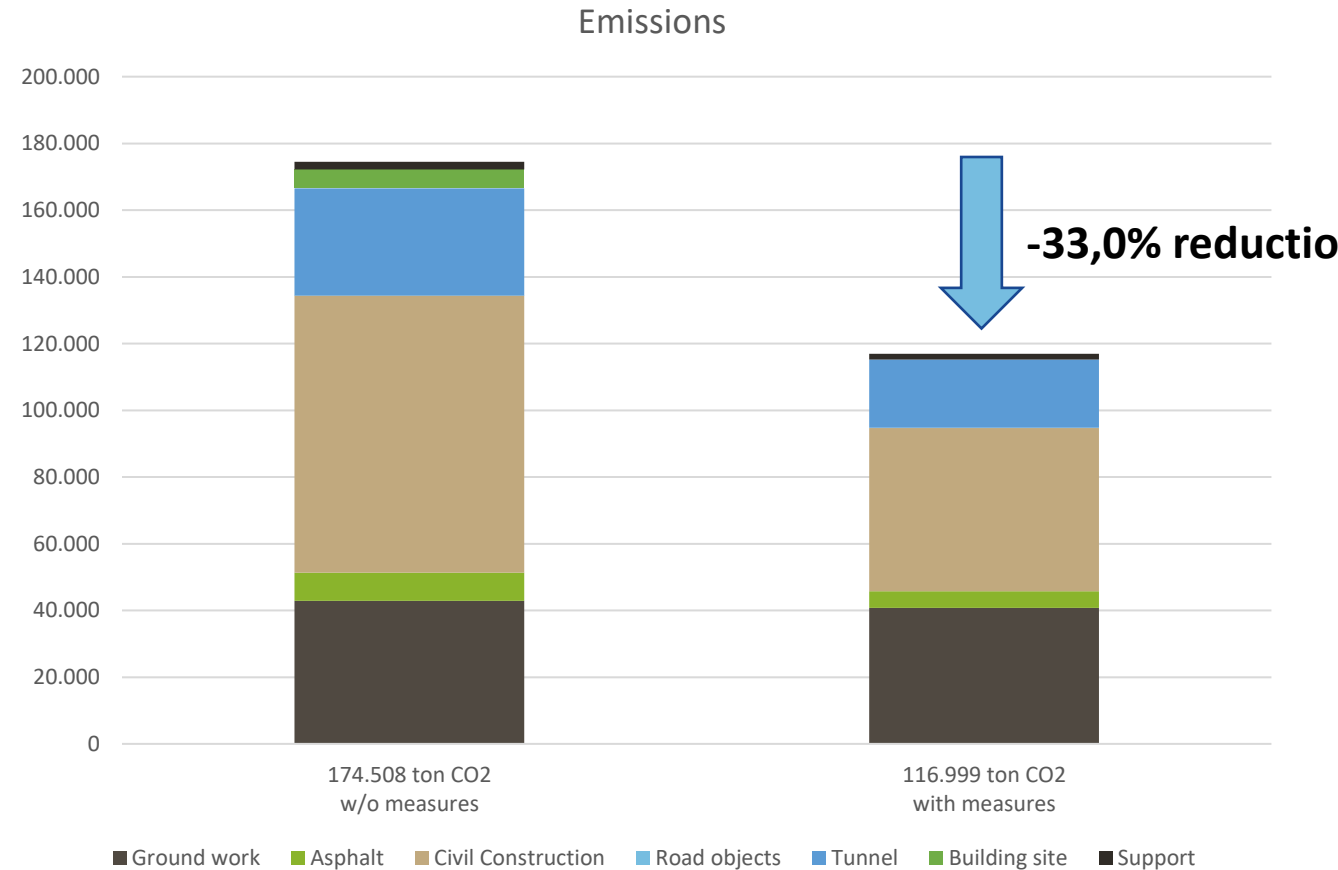
Q1 2021

CO₂ emissions

Emissions from start of work till Q1 2021

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

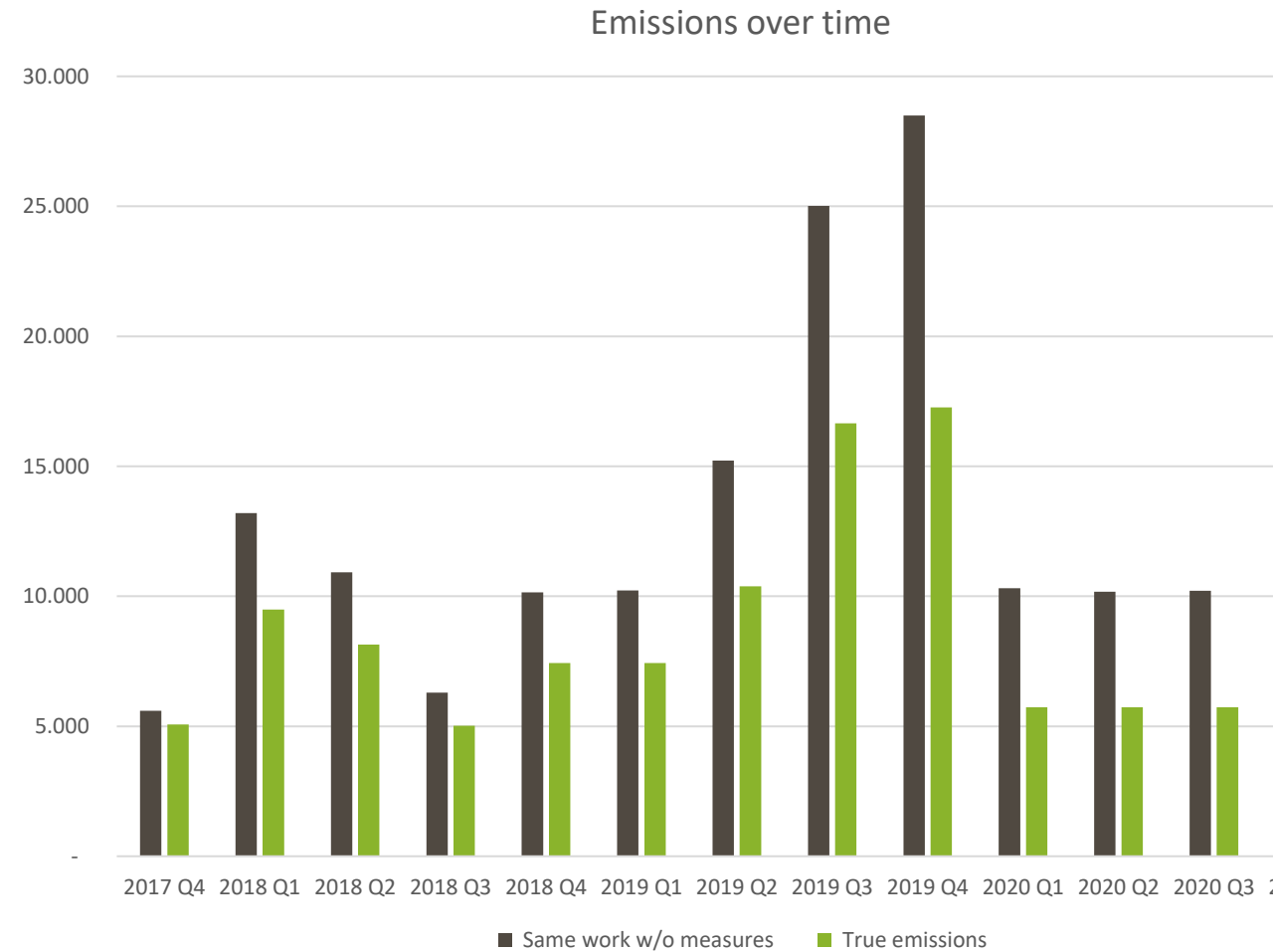
*true emissions compared to the planning without reduction measures.



CO₂ emissions

This figure shows the true emission and the same emissions with out measures over time.

We see that we have reduced every quarter.



Sustainable first

In the first quarter of the year, we have had a world primeur! Our supplier RvR Betonpomp Verhuur came to test his new all electric trailer pump.

On the A44 we have many difficult to reach locations for large concrete pumps or even a small one. Therefore, we regularly use a trailer pump. Instead of a running diesel engine, it was now pleasantly quiet next to the pump! A nice alternative in inner city area or small spaces. This pump distributed the concrete more than 50 meters far and for 2 hours without problems.



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. We have collaborated on the following measure and are trying to verify if these can be implemented:

- Possible solar panels
- With the possibility of a energy buffering for the night with the solar panels
- Nature-promoting measures:
 - Sustainable maintenance with sheep
 - Bee grass on the shoulder
 - Extra integration measures with the Nature Network of the Netherlands

