

# HAN Formula Student

## INTRODUCTION

- We are the HAN Formula Student Team, we're one of the student teams of the HAN and we compete in a competition called Formula Student, where we build our own formula-style electric racecar.
- For this year our challenge was to compete in the dutch competition, FSN, which takes place at the end of July in Assen. We have managed to do this in the past as a combustion team but now we're doing it as an electric team, the main challenge was designing and building our car from scratch. And making sure it works safely.

## JOURNEY & LEARNINGS

- The journey was not smooth or soft, full of challenges and setbacks which costed us money and time, and in some cases injuries and dangers. We started with little to nothing, no designs and no preparation. Researching and designing on our own with the limited help of teachers. All the issues we had to fix on our own, financially and mentally. The vision of the car running and competing is what kept everyone up and motivated despite the setbacks.
- Working together changed the way we think about teamwork and school projects in general, we treated this as it was our life, showing up on holidays and working extra time to solve the issues. It proved to us that with dedication everything is achievable.

## OUTCOME & IMPACT

- We made an entire racing car from scratch, turning a bunch of steel pipes and wires into a complicated machine that goes fast!
- The competition that we participate in is the most famous student competition around the world, which would help future engineers from the HAN reach out further, and the project will push the name of the HAN much further out in the field.
- The car itself with all the sub-systems that we all have made by hand. A true statement about what the students here are capable of doing.

