

## Self-evaluations

### **Kristine Øren:**

Self-evaluation for my bachelor thesis During the course of writing this bachelor thesis, I've learnt a lot about academic writing and researching. Our thesis is a literature-search, and therefore we have spent a lot of time researching and reading articles online, trying to get an overview of the topic. This proved itself challenging at first, as we didn't quite know where to look or what keywords to search for. As we learned more about carbon capture, it got easier to how things related to each other. The first two months were spent reading and taking notes on general technology regarding CO<sub>2</sub>-capture, before it became clear which methods we should focus on, and which would be more fitting for our case. Once we had an idea of this, we went onto more specific research. We also started writing paragraphs then, as we gathered information. One of the more challenging things have been to find specific data for this small scale facility. We have therefore had to look at similar bigger facilities to get an idea of what technologies could be equipped and how much that would cost. Personally, I found that while we had struggles finding the correct information, we could write about general stuff, such as an introduction, or constant parts of the facility such as the IGCC-system. Furthermore I have been working on adapting data from a larger scale facility and implementing it to this scenario. While this have taken some time, it is an important part of our results, and will give some reference numbers, instead of just looking at general carbon capture rate ect. I think me and Robin work well together, and together we are able to produce a product I believe we are both happy with. We have had quite a few critical discussions about our work, leading to increased quality. We have overall done the same amount of work, though maybe at different times. I was out of work for a while due to surgery, and had to work different hours in order to catch up. The plan we made in February, has been a guideline for us. We also tried to make a personal plan in order to make some check-points. While this worked as a motivation in the beginning, it became clear that this plan was somewhat outdated. This was due to the fact that we made it so early on, and didn't quite have a full plan for our entire thesis, as this became more clear the more we worked as I mentioned. Although we went a bit of the plan, we have had good communication through the whole process, and set daily or weekly goals along the way to help divide the work. We have also had regular meetings with our external supervisor, who has provided us with information along the way. We have also contacted different businesses and corporations in order to get more information, some of which gave us answers and some of which didn't. I would say that I wish we had seen some specific results a bit earlier in the process, but we are on track now to finish our thesis. One of the reasons why we didn't see results earlier is because we were missing some numbers regarding our scenario, and when we were provided with these, the way of getting the numbers we wanted became clearer. Thank you also Shokri for your guidance.

### **Robin Jordskar:**

The work on this task has been challenging, instructive and exhausting. The start of the process was mostly about learning about CO<sub>2</sub> capture from scratch. We knew little, and so did our external supervisor. Fortunately, our internal supervisor showed us a presentation which helped us with our understanding of the subject. We didn't have any experience in reading or searching for science articles/journals. The skill of searching for relevant and reliable documents got a lot better through the process, but would have been great to have that from the start. The researching has been the main method of our process, and together we have handled it well. The cooperation of Kristine and myself has been good. We have helped each other always regardless of what the other person is doing. We have both been going through our own surgery this semester. We've had understanding of the needs of recovery for the other person during the sick period. We have different work tasks for the thesis, but we have been helping the other with whatever it should be. All in all, the process

had a slow start with a lot to learn ourselves. We have worked a lot throughout the year, and when we were ready to start the writing process, we began working the long hours as well. We were for a while able to follow the plan of progress we made early this year. The writing process was the part that took longer than expected, probably because we underestimated the time it would take.