

The National Weather Study Project has provided us, The Luxstars, with the opportunities to learn and show what we can do to save our environment. Along with the project title 'Investigating the Suitability of the two materials- Dri-FIT and Cotton- in Singapore's Weather Conditions', we focused on finding out which is a better fabric in terms of its absorbency and removal of perspiration and its ability to keep the wearer cool in Singapore's tropical climate. Although our project focus is more relevant to the community's needs and is not a major research on climate change, we have learnt about the global issues on climate changes through many seminars and presentations by other groups and corporate representatives.



Our hard work and effort put in for this competition has paid off when we were treated to an enriching and memorable experience in Nuremberg, Germany. Overall, it was a very enlightening and gratifying trip to Nuremberg together with the other winners of the National Weather Study Project, the teachers and Mr Kwong of Senoko Company. From 26th July to 2nd August, the group of eighteen got a chance to go to Germany, mainly to learn from the German companies and schools we visited there. We also showcased our projects and promoted Singapore and our schools to the students there.



The students from Melanchthon-Gymnasium Nurnberg, one of the oldest schools in Southern Europe, also showcased what Germany is currently doing about Climate Change. It was great to know that Germany is taking actions on Global Warming, for example, the cars had to obtain a license which verifies that it has less carbon emissions to drive on certain roads. The student showed a lot of enthusiasm in doing their part and spreading the message of saving the environment. We also mingled with the German students who were very amiable. We realised that there was no language problem as the German students have to learn English in school since they were 11.



In one of the company visits, we went to the Siemens to learn more about their renewable energy supply and their plans for the future. The presentation was very complex so we did not understand

much of it but we appreciated the opportunity to visit such a huge company in German and learn about their contribution in environmental initiatives.



We had a once-in-a-life time chance to visit the Nuclear Power Plant Grafenrheinfeld. Even though it was under tight security, the time we spent there was still an enjoyable one. We trailed around the place with curiosity. We are still in Primary school so we still do not understand how nuclear energy works, but we learnt that nuclear energy's emission of carbon dioxide is one of the lowest among all other sources of energy. The main problem deals with how to dispose the radioactive wastes.



Of course, this trip included some sightseeing and shopping. We had the chance to visit 'The World of Sports Campus Adidas' and do shopping at Adidas Factory Outlet. We all agreed that the buildings in Germany seem very grand and gorgeous. We had been to places like the Nurneberg Historical Town, Bamberg, Pommersfelden and Munich City Centre. One thing that we all like about Germany is that they have buildings which they preserved. Many of these are dated back before the World War. It is a pity we did not have chance of going in so we do not know what they looks like on the inside. Overall, like Singapore, Germany is clean too.



It was indeed a long journey before we arrived at the final stage of this competition. We really appreciate the guidance and help we received from our teacher mentor, Ms Yap, and of course,

Senoko Power, Siemens and other co-sponsors of this project for providing us with this worthy experience.





