Meer Verantwortung übernehmen
Taking on responsibility for our oceans

+ Chemistry students
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Agenda

1. The Idea
2. Preparation
3. ERASMUS+ Mobilities to Cornwall in 2018 and 2020
4. Follow-up
5. Future Prospects
1. The Idea

- Different types of plastics play an important role in the curriculum of our chemistry students.

- Plastics can be used in many useful ways, but as well pollute our global oceans and kill marine life.

- It is vital to create awareness for this problem and to protect our environment.
2. Preparation

+ Cornwall / GB is a ‘perfect’ hotspot for ocean plastics, as it is the most western area in Europe; lots of plastic waste is found on the multiple beaches.

+ Searching the internet for a local ‘agent’, we came across Joel and his *language tree school*.

+ Joel developed a program for us with a professional chemistry focus.
2. Preparation

With the program in our hands, we applied for ERASMUS+ mobility grants at the local EU council.
3. **ERASMUS +**

**Mobilities to Cornwall in 2018 and 2020**

**Transport**

- As a means of transport we decided to hire a bus and made sure that it was fully packed with 40 passengers.

- According to online CO2 calculators, busses emit least CO2, roughly 90% less than planes.

- Electric mobility is greener, though.

Check it out on:

- [https://www.quarks.de/umwelt/klimawandel/co2-rechner-fuer-auto-flugzeug-und-co/](https://www.quarks.de/umwelt/klimawandel/co2-rechner-fuer-auto-flugzeug-und-co/)
3. ERASMUS + Mobilities to Cornwall in 2018 and 2020

+ **Food**

+ Also, we bought most food in a local organic food store, in big quantities, mainly without packages and took it with us on the bus.
3. ERASMUS +
Mobilities to Cornwall in 2018 and 2020

+ **Green contents of the educational program**
+ In the focus of our program was definitely the analysis of ocean plastic items.

+ Workshops

+ Beach cleans

+ Analysis
3. ERASMUS +
Mobilities to Cornwall in 2018 and 2020

+ Also, we organised additional activities, which were related to the sea and marine life.

+ Cliff jumping

+ Visit recycling companies

+ Cliff walks
4. Follow-up

After our return we organised a school exhibition on ocean plastic – and used the items which we had found on Cornwall beaches.
4. Follow-up

- Our exhibition was opened by the former secretary of the environment, Mrs Schulze.

- The students also had a discussion with her on environmental issues.
4. Follow-up

+ Since then, one-way coffee cups have been banned from our cafeteria.

+ Lots of waste is avoided.
5. Future Prospects

+ **September 2022:**
  + Intensify the co-operation with the *Beach Guardians*.
  + Start a project with three students who are going to volunteer with Rob and Emily from the Beach Guardians.
  + Sponsored by the BMBF and *Ausbildung Weltweit*. 
Questions?

+ Thanks a lot for your attention.

+ Please feel free to ask ANY question.