

**CLIMATE
JUSTICE
CAMP
Berlin!**

5. - 6. JULI 2023

**Schule am Tierpark
Friedrichsfelde
10319 Berlin**



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During the 5th and 6th of July, 8th-grade students participated in an enriching Climate Justice camp at Schule am Tierpark in Berlin. This camp focused on city science, allowing the students to explore critical aspects of their urban environment.

They eagerly delved into hands-on activities, measuring fine particles in the air, surface temperature variations across different areas of the city, and mapping out green spaces. Through these exercises, they gained valuable insights into the environmental challenges their neighbourhood faces.

By understanding the impact of air pollution and the urban heat island effect, the students recognised how these issues disproportionately affect vulnerable communities, highlighting the importance of climate justice. This awareness fueled their desire to advocate for positive change and promote more equitable living conditions for all residents.

The camp fostered collaboration and discussions among the students, encouraging them to brainstorm innovative solutions to address the identified environmental disparities. Armed with newfound knowledge and a passion for climate justice, they left the camp empowered and motivated to make a difference in their community.

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1. KICKSTART

During our Kickstart event, our facilitators warmly introduced themselves and the expert guests to the students, setting the tone for an engaging and insightful session. We kicked things off with a series of fun games and warm-up activities to create a relaxed and enjoyable atmosphere.

Following the warm-up, we proceeded with a quiz round carefully crafted to gauge the students' existing knowledge about climate change and climate justice. The quiz questions covered crucial topics such as greenhouse gases, the impact of human activities on climate change, the role of industrialised countries, and identifying the most affected and vulnerable populations.

After the quiz, we presented the students with news articles addressing climate justice on a global, regional, and local scale. Working in groups, they analysed the situations presented in the articles and shared their insights with their classmates. During these discussions, they delved into the problems, identified the underlying causes, and brainstormed possible solutions.

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1. WARMING UP



2. CLIMATE JUSTICE - QUIZ



3. CLIMATE JUSTICE - FUTURE NEWS



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2. EXPERT INPUTS

Following the initial round of introductory activities, our experts from the Ministry of Environment took the stage to deepen the students' understanding. They shared valuable knowledge about air pollution and fine particle measurements, explaining the distinctions between PM 2.5, PM 10, and their impact on living organisms. Additionally, they provided essential information about the measuring instruments and how to operate them effectively for the upcoming fieldwork.

Subsequently, our expert from Grünberlin presented how the city is proactively tackling climate change through its park and public space projects. He elaborated on the primary objectives and challenges of these initiatives while emphasizing the pivotal role these green spaces play in addressing environmental and social concerns.

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EXPERT GUESTS: SEN-UMVK - GRÜNBERLIN



Dr. Andreas Kerschbaumer – SenUMVK Berlin



Ulrich Nowikow – Grünberlin

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3. FIELDWORK ACTIVITIES

With newfound knowledge, the participants eagerly stepped into the shoes of environmental experts, embarking on an important mission to measure and analyse various aspects of their urban environment. Armed with measuring instruments, they ventured into their neighbourhood, gathering crucial data on air pollution, surface temperature, and the quality of green areas. These valuable findings would later serve as the foundation for their own project ideas.

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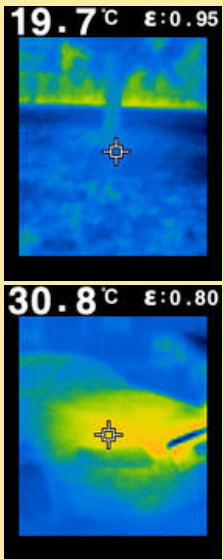


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1. MEASURING SURFACE TEMPERATURE

The students participated in an activity to measure the surface temperature of their school's surroundings. They used infrared thermometers to explore different areas in their neighbourhood, including shaded spots and sunlit areas, pavement, buildings, cars, plants, etc., to observe temperature variations. They recorded their findings and learned about microclimates and their impact on the local environment.



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2. MEASURING FINE PARTICLES

The students, accompanied by experts from the Ministry of Environment Berlin, measured the air quality in the surroundings of their school. Armed with specialized particle monitors, they set out to explore various locations in its vicinity. They carefully observed and recorded the levels of fine particulate matter (PM2.5) and coarse particles (PM10) in different environments, including areas near busy roads with heavy car and bus traffic and construction sites.



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3. GREEN AREAS ASSESSMENT

The students engaged in an activity to evaluate the quality of green areas surrounding their school. Using their cellphones, they captured photographs of various green spaces, including parks, gardens, street trees, etc. During their exploration, the students observed and documented the condition of the green areas, paying attention to factors such as vegetation health, cleanliness, and overall maintenance, as well as what value do they give to such areas.



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4. DATA ANALYSIS

According to the information they gathered during the field trip and using coloured stickers and post-its, the students marked on the map the places where they noticed more or less air pollution, green spaces, higher temperatures, etc. They also reviewed their photos and discussed their findings.

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MAP YOUR NEIGHBOURHOOD

The students gathered all the information collected on day one, including their notes, infrared pictures, and images captured with their mobile phones. They arranged these materials around the map and started identifying the locations they had visited and where they had taken specific measurements. After analysing the data, they marked the map to indicate varying levels of air pollution, green spaces, higher temperatures, and other factors based on their findings. To represent different intensities of well-being, they creatively used colour stickers and sticky notes, effectively illustrating where conditions were more or less positive.



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5. PROJECT DEVELOPMENT

In collaborative teams, the students embarked on a systematic process of conceiving and planning their project, starting from the initial brainstormed ideas and culminating in its final implementation. This comprehensive journey involved several stages and activities, all geared towards transforming their concepts or proposals into tangible and successful projects. Throughout the process, they examined the project's feasibility, scope, objectives, needed resources, and potential risks, crafting a step-by-step implementation plan.

Finally, they confidently presented their project ideas to their classmates, opening the floor for discussions and constructive feedback, with a particular emphasis on climate justice. Encouraged to engage in critical thinking, they actively discussed and analyzed each other's proposals, considering how their projects could contribute to promoting climate justice in their communities.

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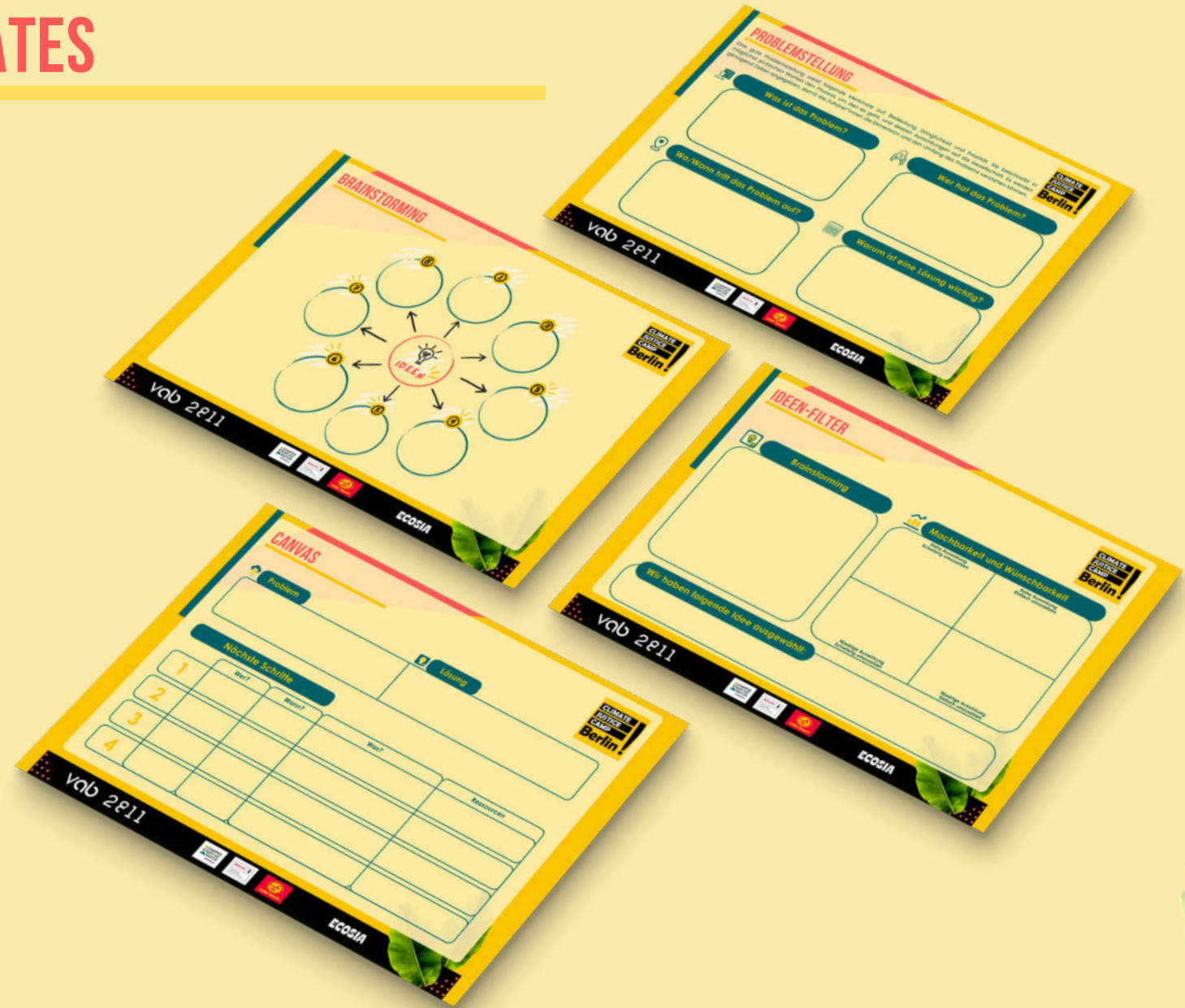


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CANVAS TEMPLATES

The students diligently engaged with the camp templates specially tailored for them to conceive and plan their project, progressing from the initial brainstormed ideas to the final step-by-step implementation plan. These four templates encompassed various stages and activities, all aimed at transforming their conceptual ideas into concrete and tangible projects. During this comprehensive process, they thoroughly examined the project's feasibility, scope, objectives, required resources, and potential risks, resulting in a simple yet robust implementation plan.



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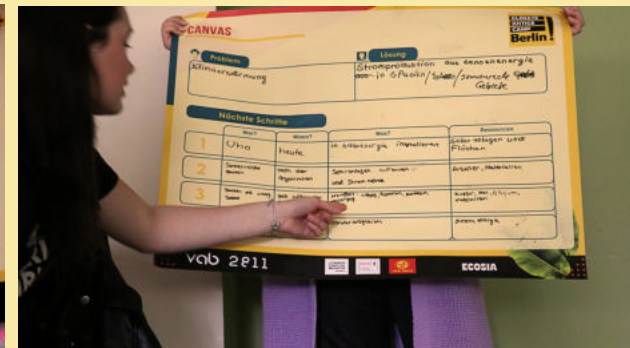
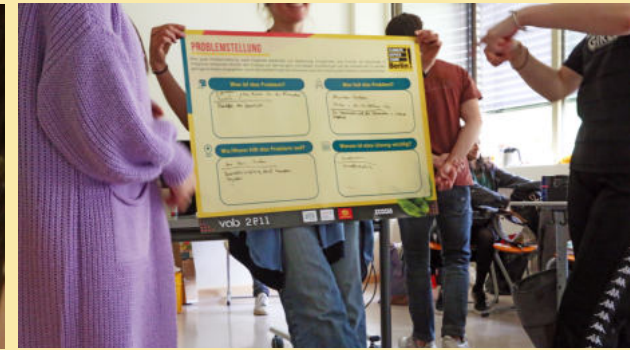
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TEAMWORK AND PRESENTATIONS

In groups, with the guidance of facilitators or experts from day one, the students immersed themselves in the templates, learning how to transform their conceptual ideas into projects that not only addressed specific issues but also promoted climate justice. They engaged in discussions and iterative refinements, considering each step of the process through a climate justice lens. Collaborating closely, they learned the art of active listening, supporting and empowering one another while making the most of the feedback they received.

Ultimately, they presented their projects and ideas to the rest of the class, explaining the significance of their initiatives and highlighting how their endeavours aimed to benefit the most vulnerable communities impacted by environmental challenges.



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This event was co-organised by Via Austroboreal e.V. and 2811 Social Enterprise UG, and funded by Ecosia's "All in for Berlin Grant" initiative.

For further information, please contact us by e-mail at: info@via-austroboreal.de

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