

POP Movement – Newsletter June 2018

POP Movement was, alongside Climate Protection Manager Stephan Baur, invited by the Climate Protection Initiative Neukirchen-Vluyn (<https://www.klimaschutz-nv.de>) to the so-called Climate Journey Neukirchen-Vluyn. Furthermore, six year 7 students of our school, who won 3rd place at a local newspaper's environmental competition (<https://www.nrz.de/region/niederrhein/umweltpreis/>), participated by creating a video documentation trying to live without using plastic packaging for one week. We hope to welcome them as members of our POP Movement soon.

During the Climate Journey we visited with the sewing room of the Tuwas registered co-operative (e.G.) and the company Holzformart, two businesses in the immediate area, which are characterised by their sustainable engagement. The sewing room (<http://www.tuwas-genossenschaft.de/projekte/offene-werkstatt-naehzimmer.html>) is an open tailor's workshop, in which every citizen can, for one, get his clothing pieces repaired or changed. But the key feature is that one can bring clothes and textiles they do not wear and would otherwise throw away and get new clothes or e.g. bags made. Ms. Freese led us through the enormous storage of leftover fabric. This helps even more at creating individual pieces, which do not exist a second time. Furthermore, there is an integrative approach at the sewing room because several people who fled from Syria work there. With their professional qualifications they form the functional heart of the workshop. During our visit, after the introductions of the adolescents, a new modern skirt was made from sorted out defect clothes.

At the company Holzformart we got a tour through the company by the CEO Mr. Molter. He specialised in shop and interior construction (<https://holzformart.de/en/>). The business' production hall is heated by a modern and computer-operated thermal system powered by the sawdust resulting during production, which reduced the use of other energy sources significantly. We also learnt a lot about the often overlooked part of the building product wood as CO₂ storage and the use of sustainably grown types of wood.

Through Stephan Baur, Climate Protection Manager of the city Neukirchen-Vluyn, we were made aware of the website (<https://luftdaten.info>). There it was explained how to build sensors for fine dust measurement at home and how to put the data into an up-to-date map for Germany (<http://deutschland.maps.luftdaten.info/#10/51.3398/6.9877>). As we evaluated the school community's commuting habits and the resulting CO₂ emissions (cf. Newsletter January) during the beginning months of POP Movement, we spot a good opportunity in picking up the data again and to combine it. We can imagine that during peak times (15 minutes before school starts and shortly after the end of the school day) the measurements are significantly higher. In addition, the idea was born to find out the correlation between the distances driven by car and the resulting CO₂ emissions, just like it is happening during the commute to and from school, in terms of visualising it in form of a model using weights. We want, that the students gain more consciousness for the figures by handling weights. So, we made a proposal to the Climate Protection Initiative of Neukirchen-Vluyn with request for financial aid to buy materials, which will be approved in a short time. Now the crafting can begin.

A. Fortshövel



New from old. Sewing room of the Tuwas registered co-operative (e.G.) in Neukirchen-Vluyn. 29.06.18.



Tour of the company Holzformart in Neukirchen-Vluyn under the view of sustainability. 29.06.18.



A frequently forgotten or underestimated factor: Wood as CO₂ storage. 29.06.18.