

## POP Movement - Newsletter July 2019

After an eventful last month, the summer holidays are just around the corner - at the start of which we have already counted 150 charges with the smartbench. We picked a good spot for the bench, as, in the current climate, it receives up to 10 hours of direct sunlight. This translates into 80 mobile phone charges before the bench's rechargeable battery is empty. This 100% charge occurs every day, and it continues to recharge itself via the sunlight even during charging mobile phones. This means that it would be possible to draw much more energy from the bench, as we are unable to empty it into its critical low point. You can see the data on our website ([www.pop-movement.de](http://www.pop-movement.de), click: „Aktuelle Leistungsdaten der smartbench“), which we continue to update during the summer holidays.

The fine dust sensor continues to reliably measure the fine dust concentration outside of our school building. We want to wait the next six weeks before we publish our results, as we want to see if the measured data proves to be significantly different during the summer holidays than it is during everyday school life. You can follow all of this data on our website [www.pop-movement.de](http://www.pop-movement.de) (→ Aktuelle Projekte → Feinstaubsensoren).

We start our well-deserved holidays, and will return to action full of enthusiasm in September.



The smartbench's dashboard shows over 150 charges by 15/07/2019.