

“GreenOffice” is a social enterprise platform where employees can assist each other to conserve the environment. Employees can make “Green Tweets” around the office building to remind each other to be environmentally-friendly. It also raises awareness and transparency in energy consumption.



Figure 1 - Users are able to tweet their observation on a location inside a building



Figure 2 - And calculate their energy footprint...

During the competition, the first challenge we faced was to come up with a concrete and implementable idea. Secondly, as this was the very first time that we worked with GermaniumWeb, there were a certain number of things that we did not know how to achieve and it took us some time to figure out with a lot of debugging and testing. Fortunately, with the responsive technical support provided, we were able to resolve the problems faced in a relatively short time.

For our application, we used GermaniumWeb 3D to plot all the rooms and electrical devices placemarks in the 3D building where users are able to tweet. There are lots of sample codes online that we can refer to, the document is well written and there is even a Sampler Programme allowing us experiment with the codes. It was like learning and developing at the same time. All of these make us feel GermaniumWeb's learning curve is not very steep and that it is a really fun technology to work with.

The current application can certainly be improved in a number of ways. However, the most interesting aspect is the support of different kind of message format. Users can actually take a photo, or video of the location and tweet. This opens up to a whole new horizon of potential! Since GermaniumWeb supports all these rich data formats, this feature is entire possible. All in all, the current application is sort of a proof-of-concept that demonstrates what can be achieved with GermaniumWeb. We hope to have more and more interesting things to come in the future.