

Circular Economy - Midterm Assignment Proposal

Joris van Doorn - s2961962

01 December 2020

Proposal

I've been thinking of what would be most useful for me to do. In my bachelor program I had to write a lot of papers. Although it was a good exercise, I often felt that my writing was deprived of actual content. For the midterm assignment I propose to investigate a part of the UNEP Data (in case it wasn't obvious, you can click on "UNEP Data" for a direct link to the data), the data constructed by Schandl and his colleagues (Schandl 2017). The data is quite extensive, and obviously it is not realistic to inspect every detail, but I think it would be a nice exercise to explore the climate related data. We can still determine the exact scope of my research together.

Like I previously brought up in an email, my specialty lies in statistics and data science. There is still a lot to be looked at and modeled in the Circular Economy literature, so I might as well attempt such a thing. The end result would be a report (like this one produced in Rmarkdown) the size of which I find difficult to determine (because graphs and tables can take up a lot of space). My code would be available at Github (similarly you can click on "Github" to directly go to my repository).

References

Schandl, et al. 2017. "Global Material Flows and Resource Productivity: Forty Years of Evidence." *Journal of Industrial Ecology* 1: 1–19.