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ENGRD 302W

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## **Data Descriptor Report**

### **Research Goals**

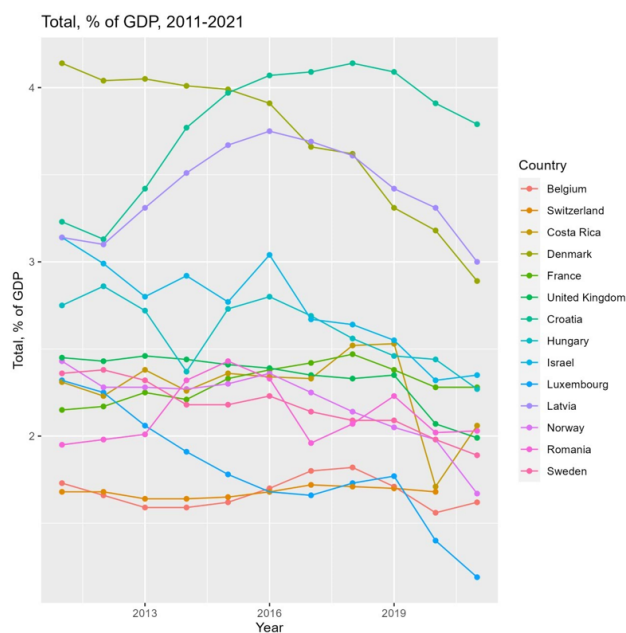
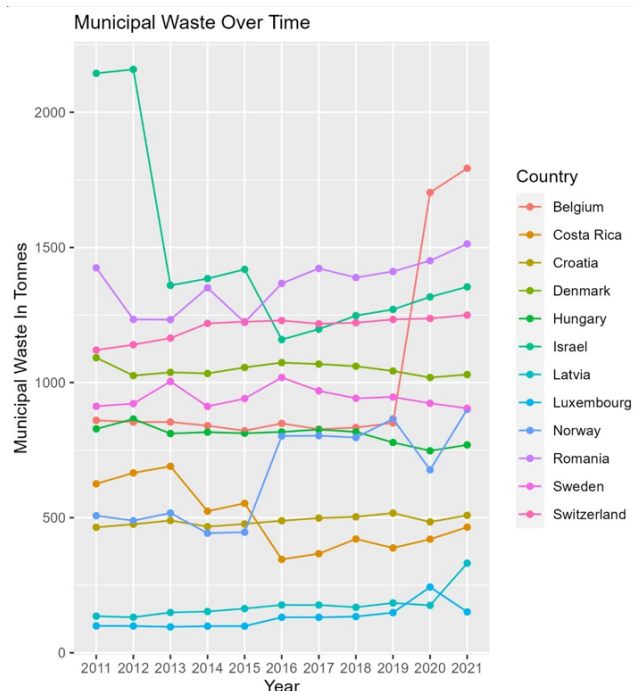
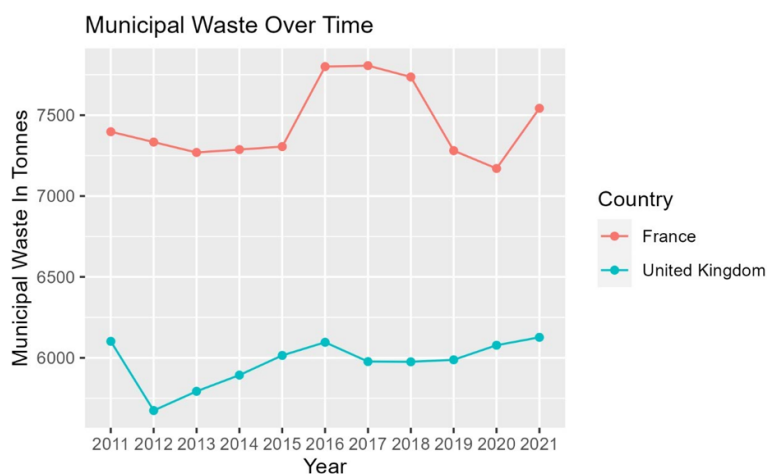
The aim of the study is to explore the potential impact of implementing elevated environmental taxes at the municipal level as a strategy to mitigate waste generation. The outcomes could assist governments in crafting creating environmental laws and taxation policies to minimize waste production.

Our preliminary data is from the Organisation for Economic Co-operation and Development (OECD). The Organisation for Economic Co-operation and Development (OECD) serves as a pivotal global entity, spearheading socio-economic development and policy coordination among its member nations. Established with a commitment to fortifying global economic stability and promoting sustainable development, the OECD facilitates a cooperative platform where member countries can share knowledge aimed at safeguarding environmental sustainability on a global scale (U.S. Department of State, n.d.).

### **Methods of Data Collection**

For our data collection, we tried to get the countries with the largest amount of data available. In order to mitigate potential bias, we took a random sample of 15 countries. The majority of countries within our sampled data are unfortunately developed nations. Therefore, we cannot claim that this is a representative random sample. We generated random samples until we

had a random sample of 15 that contained Costa Rica. We add some preferential bias towards samples containing developing countries to mitigate the lack of data from developing countries within the dataset. We ended up having to remove one country from our initial 15 due to a lack of environmental tax data. Finally, the majority of countries with available data featured data from the years 2011 to 2021.



### References

*Environmental policy - Environmental tax.* (n.d.). OECD Data. Retrieved October 17, 2023, from

<https://data.oecd.org/envpolicy/environmental-tax.htm>

*Municipal waste, Generation and Treatment.* (n.d.). OECD Statistics. Retrieved October 17, 2023, from

<https://stats.oecd.org/index.aspx?DataSetCode=MUNW>