

# Review of: "Regulatory Compliance of PCDD/F Emissions by a Municipal Solid Waste Incinerator. A Case Study in Sant Adrià de Besòs, Catalonia, Spain"

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Potential competing interests: No potential competing interests to declare.

This is an interesting study on an important environmental matter such as waste incineration.

1. The study is written in a quite informal manner that also cites the differences in the professional relationship between the municipality and the research group, which I don't think is relevant here.
2. There should be some more referencing to the relevant EU framework in order to understand how and why this incinerator underperforms, if it does so. First of all, you need to reference the Waste Framework Directive in its 2018 update on the incineration of waste. You also need to refer to the Industrial Emissions Directive [https://environment.ec.europa.eu/topics/industrial-emissions-and-safety/industrial-emissions-directive\\_en](https://environment.ec.europa.eu/topics/industrial-emissions-and-safety/industrial-emissions-directive_en) and compare the results you found in the incinerator with the limits and data found in the Directive about the actual pollutants you measured. If the pollutants are within the limits, then why the risk is significant? This should be discussed. If the pollutants are above the limits, then a discussion should again be made.
3. I am also not sure about the claim that waste incineration contributes to climate change. Please be careful with this claim and elaborate. If the waste incinerated is only food-based, then of course it doesn't contribute to climate change. Please elaborate and elucidate on when and under what circumstances this can be claimed as true.