

**Question for written answer E-000768/2020
to the Commission**

Rule 138

Eleonora Evi (NI), Mario Furore (NI), Daniela Rondinelli (NI), Fabio Massimo Castaldo (NI)

Subject: Waste management systems with supercritical water

Waste management systems using supercritical water, i.e. with a temperature of 374 °C and at a pressure of 221 bar, would appear to be a valid option for the management of residual waste, reducing the amount of waste that is incinerated and/or landfilled.

Can the Commission therefore answer the following questions:

1. Does it believe that this technology can work well also on non-homogeneous waste streams (as in the case of mixed or residual waste)?
2. What kind of emissions, if any, do such systems have (solid, liquid, gaseous)?
3. Lastly, has the Commission assessed how economical the system is and whether the costs can be amortised even against a background of decreasing amounts of residual municipal waste, as provided for in the circular economy agenda?