

**Question for written answer E-000339/2023  
to the Commission**

Rule 138

**Ignazio Corrao** (Verts/ALE)

Subject: IPCEI (Hy2Use) - Trials of heavy vehicles powered by hydrogen extracted from waste in Rome and southern Italy

On 19 January 2023, the Rome City Council instructed its Department of Mobility and Transport to launch trials involving the use in the city of heavy vehicles powered by exclusively renewable 'green' hydrogen<sup>1</sup>.

Press statements by a city councillor, on the other hand, refer to an unspecified form of 'green' hydrogen from waste: '... We are also considering making use of green hydrogen from waste...' <sup>2</sup>.

This is a reference to the Maire Tecnimont NextChem project involving the construction of world's first 'waste to hydrogen' plant<sup>3</sup>, for which a non-repayable EU (IPCEI Hy2Use) grant of EUR 194 million has been earmarked.

Under no circumstances, however, can hydrogen produced from waste be regarded as 'clean' within the meaning of the relevant Commission communication (COM (2020) 301 final).

In view of the waste hierarchy set out in Article 4 of Directive 2008/98/EC and the circular economy action plan, in particular as regards the disposal of non-recyclable municipal solid waste,

can the Commission say:

1. whether hydrogen for the projected city buses will be produced from renewable sources or from non-recyclable waste;
2. whether IPCEI (Hy2Use) projects will be replicated in Sicily and Apulia and whether they will involve waste combustion;
3. whether the environmental, social and economic impact of this initiative and the availability of raw materials (non-recyclable waste) for the coming years have been assessed<sup>4</sup>?

Submitted: 3.2.2023

---

<sup>1</sup> Memorandum 1 of 19 January 2023, ref. 37198/2022

<sup>2</sup> <https://www.romatoday.it/politica/bus-idrogeno-sperimentazione.html>

<sup>3</sup> <https://www.milanofinanza.it/news/maire-tecnimont-avvia-a-roma-la-prima-hydrogen-valley-italiana-202210240808451419>

<sup>4</sup> <https://www.milanofinanza.it/news/a-nextchem-maire-tecnimont-un-contributo-europeo-da-194-mln-per-un-impianto-a-idrogeno-202209221226578624>