

**Question for written answer E-002466/2022  
to the Commission**  
Rule 138  
**Gianna Gancia (ID)**

**Subject:** Using space technologies to cut water waste

A number of Member States, including Italy, are going through a long period of severe drought, leading to water rationing and a state of emergency in several regions of the EU.<sup>1</sup>

The scarcity of water resources is attributable not only to climate conditions, but also to the huge use of drinking water in farming (roughly 70% in Italy) and an extremely inefficient water system (in Italy, an average of 42% of water is lost in transport).<sup>2</sup>

Space services and technologies for Earth observation and positioning have the capacity to provide dynamic maps to optimise the use of water resources and monitor the state of the water system.

In view of this:

1. What will the Commission do to support the Member States battling this severe drought crisis?
2. How will it make use of Europe's current space programmes (Galileo/EGNOS and Copernicus) to meet Member States' need for a more efficient water system?

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<sup>1</sup> <https://www.rainews.it/articoli/2022/07/la-siccita-in-italia-oggi-il-consiglio-dei-ministri-per-lo-stato-di-emergenza-883e7b7a-26e0-47d6-8fd1-3721b2d784bd.html>

<sup>2</sup> [https://www.huffingtonpost.it/economia/2022/07/01/news/dispersione\\_idrica\\_siccita\\_roma\\_italia-9746525/](https://www.huffingtonpost.it/economia/2022/07/01/news/dispersione_idrica_siccita_roma_italia-9746525/)