

(English version)

**Question for written answer E-001192/26
to the Commission
Anja Arndt (ESN)
(23 March 2026)**

Subject: Research, possible applications and regulation of weather modification and geoengineering technologies in the EU 3

Under what legal framework could weather modification experiments or field trials take place in European airspace, particularly in view of relevant EU rules in the area of environmental legislation, air traffic, chemicals legislation (REACH Directive) and national permit-granting processes?

Submitted: 23.3.2026

**Answer given by Ms Zaharieva on behalf of the European Commission
(3 June 2026)**

Weather modification, most notably through cloud seeding to reduce the risk/impact of hail damage or to locally alter precipitation, has been widely practiced in many countries, including in Europe, for decades.

There is no EU legislation addressing weather modification specifically. The Commission has not been monitoring cloud-seeding programs or activities in a systematic manner, neither does it have information on related field trials, but any weather modification action must in all cases respect relevant EU legislation and the precautionary principle laid down in the Treaty on the Functioning of the European Union.

The Commission notes that some equipment used for cloud-seeding is subject to Community rules for the control of exports, transfer, brokering and transit of dual-use items under Regulation (EC) No 428/2009 ⁽¹⁾.

⁽¹⁾ Commission Delegated Regulation (EU) 2018/1922 of 10 October 2018 amending Council Regulation (EC) No 428/2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.