

House of Representatives of the States General 2

Meeting year 2023–2024

Questions asked by the members of the House

2024Z05554

Questions from member **Van Houwelingen** (FVD) to the Minister for Climate and Energy about the use of weather influencing techniques / geo-engineering (sent April 2, 2024).

Question

1 Are you aware of the World Economic Forum's (WEF) ambitions to block sunlight?¹

Question

2 Can you indicate whether the Dutch government is in any way involved in the realization of this ambition by the WEF? If so, in what way?

Question

3 Can you share with the House any recorded agreements or commitments from the Dutch cabinet to the WEF regarding these or other geo-engineering techniques? If not, why not?

Question 4

How does the Dutch government guarantee the safety and health of its citizens, given the use of geo-engineering techniques in neighboring countries and the fact that substances injected into the air, including chemicals, can also enter the Dutch airspace via air flows?

¹ Life Site, July 20, 2022, «World Economic Forum proposes «space bubbles» to block sun's «rays» in fight against «global warming».(<https://www.lifesitenews.com/news/world-economic-forum-proposes-space-bubbles-to-block-suns-rays-in-fight-against-global-warming/>)

reaches? What monitoring is applied to detect such effects in a timely manner can detect?²

Question 5

How do the provisions in the treaty on the Prohibition of military or any other relate? enemy use of environmental change techniques, which the Netherlands op commitments signed in Geneva on December 10, 1976 to the use of environmental change techniques within our own national borders without the express permission of the Dutch population?

Question 6

What international agreements are there, given the diverse international research, technological developments and initiatives aimed at? the use of geo-engineering to influence the climate, as well as the various geo-engineering techniques already in use and/or which related treaties have been adopted by the Dutch cabinet signed?

Question 7

Are there foreign parties (governments and/or private sector parties) who use Dutch airspace to implement this to geo-engineering techniques? If so, which parties are these exactly? which techniques are involved exactly? You can also find each in Dutch airspace applied technology indicate its status (research phase or "regular" application)?

Question 8

What is the position of the Dutch government regarding the deployment? of such technology?

Question 9

How do you assess the fact that such initiatives are partly unknown? results and potentially irrevocable impact on the earth and humanity, also be developed by the private sector (such as Bill Gates³, 4, 5, Jeff Bezos and Elon Musk) and NGOs⁶ ?

Question 10

Are you familiar with that, for example in the United Arab Emirates weather influencing techniques are applied on a large scale to promote cloud and rain creation?⁷,

² The White House, «Request for input to a five-year plan for research on climate intervention». (<https://www.whitehouse.gov/ostp/legal/>);

Twitter, October 1, 2022, «tweet from @Miepiev». (<https://x.com/miepiev/status/1576284934335238144?s=20>);

Twitter, April 28, 2023, «tweet from @Brenda108acjp». (<https://x.com/Brenda108acjp/status/1651943878700806148?s=20>);

Twitter, August 1, 2023, «tweet from @Rico53360178». (<https://x.com/Rico53360178/status/1686302091482935296?s=20>)

³ Yahoo! News, August 13, 2019, «Bill Gates backing plan to stop climate change by blocking out the sun». (www.news.yahoo.com/bill-gates-backing-plan-to-stop-climate-change-by-blocking-out-the-sun-183601437.html)

⁴ Daily Mail, August 13, 2019, Could dimming the sun save the Earth? Bill Gates wants to spray tonnes of dust into the stratosphere to stop global warming (but critics fear it could trigger calamity). (www.dailymail.co.uk/sciencetech/article-7350713/Bill-Gates-wants-spray-millions-tonnes-dust-stratosphere-stop-global-warming.html)

⁵ Business AM, March 24, 2021, «Bill Gates backs project to cool Earth via chalk balloon releases into stratosphere». (<https://businessam.be/bill-gates-steunt-project-om-aarde-af-te-koelen-via-ballon-die-krijt-lolaat-in-stratosphere/>)

⁶ Change Inc., June 28, 2023, "EU wants to investigate whether the sun can be blocked to combat climate change." (<https://www.change.inc/ict/eu-wil-onderzoeks-of-de-zon-geblokkeerd-kan-worden-om-climatechange-tegen-te-gaan-40125#>)

⁷ Volkskrant, September 16, 2022, «Is there no rain? Then we make rain, think more and more to land". (<https://www.volkskrant.nl/kunde/is-er-geen-regen-dan-maken-we-regen-denken-steeds-meer-landen-b1172a4e/?referrer=https%3A%2F%2Fwww.google.com%2F>)

⁸ Twitter, October 1, 2022, «tweet from @Miepiev». (<https://x.com/miepiev/status/1576284934335238144?s=20>)

Question

11 Is the use of weather influencing techniques permitted in the Netherlands? If so, on what basis?

Question

12 Are weather influencing techniques currently being used in the Netherlands?

Question

13 If yes, can you provide an overview of all currently applied techniques, also indicating for each technique since when it has been applied, what the purpose is, which parties (from the public and/or private sector) are involved? , whether certain substances are sprayed into the air and, if so, which substances are they? Can you also indicate per technique how any risks are monitored and evaluated and by which authority?

Question

14 Have weather influencing techniques been used in the Netherlands in the past that have now been discontinued? If so, can you provide an overview, including the period of application, the components used and the reason for the discontinuation?

Question

15 Are you familiar with the research into climate engineering that was started in 2023 by TU Delft and Cambridge University, which will investigate for six years how sunlight can be reflected through "marine cloud brightening", with the aim of keeping the Earth one to a few degrees to cool?⁹

Question

16 To what extent is the government (financially, as a client or otherwise) involved in the realization of this research?

Question

17 Do you receive interim results and/or reports from this ongoing study?

Question

18 Can you indicate whether this research is being conducted in a laboratory setting, in airspace outside the Netherlands or in our Dutch airspace?

Question

19 If this research is carried out in our airspace, which authority has given permission for this?

Question

20 In addition to the possible effect on temperature change, is the study also investigating (unintended) side effects? If so, in what way?

Question

21 Are you familiar with the plea of professor of atmospheric research Herman Russchenberg from TU Delft, also involved in solar engineering research projects, for the use of wind farms in the North Sea for the creation of clouds?¹⁰

⁹ NOS, January 15, 2023, "Can we fix climate change with new techniques?" (<https://nos.nl/collectie/13871/artikelen/2459892-kunnen-we-met-nieuwe-technologies-climatechange-fiksen>)

¹⁰ NOS, September 14, 2023, "Advice: ban dimming the sun, but do more research." (<https://nos.nl/nieuwsuur/artikelen/2490485-advies-verbied-het-dimmen-van-de-zon-maar-doe-wel-meer-onderzoek>); NOS, September 14, 2023, embedded video «A windmill that makes clouds: new weapon in the fight against overheating?». (<https://nos.nl/nieuwsuur/artikelen/2490485-advies-verbied-het-dimmen-van-de-zon-maar-doe-wel-meer-onderzoek>)

Question

22 Is this already happening or have commitments been made to realize this idea?

Question

23 To what extent is the cabinet (financially, as a client or otherwise) involved in the realization of this idea?

Question

24 Are you aware of the need, expressed in an episode of Nieuwsuur in 2022, for "more unorthodox measures to avert the climate crisis, such as the use of aircraft to release aerosols into the stratosphere with which a permanent cloud cover can be created"?¹¹

Question

25 Are the "unorthodox measures" described by Nieuwsuur already being experimented with in the Netherlands? If so, which measure(s) is/are exactly? When and by which authority was permission given for this?
If not, can you indicate whether the government would reject or consider such an experiment?

Question

26 Are you familiar with the statement by diplomat and member of the Climate Overshoot Commission Laurence Tubiana (co-facilitator of the Paris Climate Agreement in 2015) in the 2022 Nieuwsuur report, in which she states that "governments are already sending molecules to the clouds to make it rain locally", that "if one country does something like this, it also affects other countries" and that "some technological solutions are risky and the committee must make this public; this could encourage countries to emit less."?

Question

27 Do you share the concerns with Ms. Tubiana that technological solutions to influence the climate are risky?

Question

28 Can you confirm or deny that the Dutch are among those who, according to Mrs. Tubiana, try to influence the precipitation pattern by introducing "molecules" into the clouds?

Question

29 Are you familiar with the Direct Air Capture (DAC) technology used in Iceland to extract CO₂ from the air using so-called CO₂ vacuum cleaners?¹²

Question

30 How realistic do you think is the global extraction of the desired amount of CO₂, given the estimate that such an operation will cost no less than 1/3 of global energy demand by the middle of this century?¹³

¹¹ Twitter, June 20, 2022, «tweet from @BasNoQRcode». (<https://twitter.com/BasNoQRcode/status/1538752382833680385?s=20>)

¹² Twitter, June 20, 2022, «tweet from @BasNoQRcode». (<https://twitter.com/BasNoQRcode/status/1538752382833680385?s=20>);

NOS, September 14, 2023, "Advice: ban dimming the sun, but do more research." (<https://nos.nl/nieuwsuur/artikelen/2490485-advies-verbied-het-dimmen-van-de-zon-maar-doe-wel-meer-onderzoek>); NOS, June 19, 2022, «New committee investigates: can «technofix» reverse climate changes?». (www.nos.nl/nieuwsuur/artikelen/2433231-nieuwe-commissie-onderzoekt-kan-technofix-climatechanges-return)

¹³ Twitter, June 20, 2022, «tweet from @BasNoQRcode». (<https://twitter.com/BasNoQRcode/status/1538752382833680385?s=20>)

Question

31 Are you familiar with the development of more economical and cheaper CO₂ vacuum cleaners by TU Eindhoven, which are expected to be launched on the market in 2025 and of which, according to TU Eindhoven, millions will be needed worldwide?

Question

32 To what extent is the government involved (financially, as a client or otherwise) in the development of these CO₂ vacuum cleaners?

Question

33 Have there already been (binding) agreements with TU Eindhoven regarding the purchase (numbers, costs) of these CO₂ vacuum cleaners?

Question

34 If so, can these agreements be shared with the House? If not, does the government intend to make such binding agreements? If so, over what period?

Question

35 If the government intends to use such CO₂ vacuum cleaners, where will they be placed and on what scale?

Question

36 Are you aware of the concerns of citizens who increasingly notice initially blue skies, which transform during the day into "dense" skies with a milky haze, after first drawing a dense grid of aircraft stripes that do not evaporate but remain hang, fan out and finally seem to close the air?¹⁴

Question

37 How do you explain this milky haze due to grid formation caused by residual aircraft stripes?

Question

38 Would you like to answer all questions separately?

¹⁴ National Chemtrails Reporting Point, (<https://www.chemtrailsmeldpunt.nl/>)