



Alliance for Just Deliberation on Solar Geoengineering (DSG)

<https://sgdeliberation.org/>

Clara Botto, Director of Youth Engagement, clara@sgdeliberation.org

Shuchi Talati, Founder and Executive Director, stalati@sgdeliberation.org

Chapeau

The Pact for the Future must ensure that current and future generations have the right to a healthy environment fulfilled. For that reason, it must mention the governance of climate altering technologies, namely solar geoengineering, as a process that requires deliberative decision making and inclusion of the most vulnerable, ensuring climate and intergenerational justice.

Chapter I. Sustainable development and financing for development

Solar geoengineering is a direct interference in the Earth's climate to reduce the temperature by reflecting incoming solar radiation back into space. It can take the form of different technologies, such as Stratospheric Aerosol Injection, Cirrus Cloud Thinning or Marine Cloud Brightening.

Research of these technologies should be carried out with the sole purpose of minimizing negative impacts caused by the climate crisis, and not as a replacement for greenhouse gasses mitigation efforts.

Chapter II. International peace and security

To ensure international peace and security, strong mechanisms are required to prevent harmful impacts caused by unwanted deployment of solar geoengineering, which could take the form of e.g unilateral deployment of a given form of climate altering technology. This will require a global governance framework to regulate the potential deployment of such technologies.

Chapter III. Science, technology and innovation and digital cooperation

Research on solar geoengineering must be carried out without the interference of profit-seeking actors. That requires strong collaboration between academia, intergovernmental organizations, civil society and national states to provide the necessary means to advance science and technology in this field while ensuring climate justice.

Chapter IV. Youth and future generations

In all decisions regarding solar geoengineering it is essential that youth is included as a