

Proposal: Stop emissions by scientific advice on NDCs

Scientific Climate Action Task Force to sharpen NDCs

Summary: The NDCs (Nationally Determined Contributions) for COP-meetings are far from sufficient to fulfill the goals of the Paris agreement to limit warming to 1,5 °C by reducing greenhouse gas emissions. Scientists now also report signs that earth is losing resilience. Despite efforts, decision-makers show inaction to react. This is a proposal to possibly break this inaction during 2026, by formation of a **Scientific Climate Action Task Force** that could be a 'game changer'. What could a new Scientific Climate Action Task Force add that is genuinely different and complementary? The Scientific Climate Action Task Force should first and foremost (i) contact and give advice and help governments to improve their NDCs before COP31, (ii) prepare a global plan to phase out fossil fuel and (iii) prepare a plan for how parliaments should receive a well needed climate education.

Why? The ongoing climate crisis is escalating, rate of global warming increasing faster than predicted. The global emission of greenhouse gases are with few exceptions increasing and the International Court of Justice (ICJ) declared on July 23rd 2025 that states are obliged to tackle climate change¹. Global emissions must be halved until 2030², this is the single most important task for COP31. The global rate of climate action is insufficient. According to repeated analyses, the NDCs are far from sufficient for the Paris agreement (see <https://climateactiontracker.org/>).

How? International organizations could possibly be a starting point for formation of a **Scientific Climate Task Force**³. The inspiration to this proposal comes from a national climate transition plan, that fulfils the goals of the Paris agreement made by a national small NGO, which national governments have failed to deliver. The emission reductions were calculated and political decisions to reach emission reductions listed (in this case, remove fossil subsidies, increase electricity production by windpower, reduced emissions from traffic by road fee and investment in public transportation, decreased logging by 17% in forestry). This example shows that it is indeed possible to create climate transition plans that fulfil the goals. It should be possible to use to improve the delivery of NDCs, in spite of vested interests in governments.

Three criteria should be fulfilled in sufficient NDCs:

- (i) probability to acquire a certain temperature limit is stated
- (ii) how emission budget fulfills Paris agreement article 2.2 is stated
- (iii) commitments for political decisions with calculations of emission reductions

Finance? Initially, based on existing budgets and scientific contributions. Then via collaboration with the Tax Justice Network showing how climate transition money can be generated⁴.

Next page describes in more detail how a Scientific Climate Action Task force could make a difference in order to avoid the ongoing climate collapse.

¹ <https://www.rfi.fr/en/international-news/20250723-icj-to-hand-down-watershed-climate-opinion-1#>

² <https://www.reuters.com/sustainability/climate-energy/win-race-against-climate-disaster-we-need-halve-emissions-over-next-five-years-2025-07-08/>

³ This proposal is based on web-meetings in 2025 between Sir David King, [Climate Crisis Advisory group](#) (CCAG) and Cecilia Emanuelsson, from a small NGO, which produced [a national transition plan](#) that achieves the goals of the Paris agreement with climate neutrality to 2035.

⁴ Tax Justice Network (<https://taxjustice.net/>) [shows](#) governments can raise additional US\$2.6 trillion/ year by applying a modest wealth tax to the richest 0.5% of households and ending [corporate tax abuse](#).

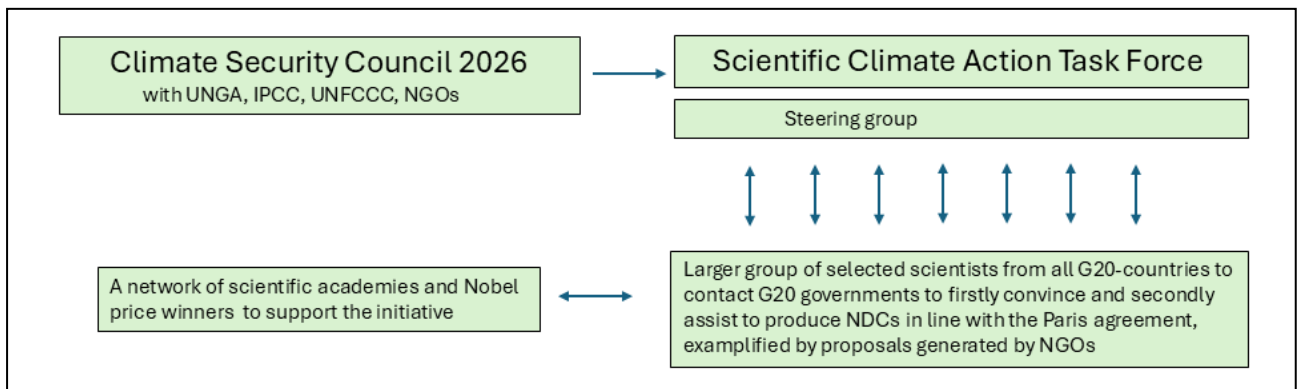
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A Scientific Climate Action Task force

To form a Scientific Climate Action Task Force, the starting point could be a global organisation, complemented with scientists to be recruited from the G20 countries with highest accumulated emissions. The Scientific Climate Action Task Force may have a steering group of internationally recognized climate scientists combined with a larger group of selected and suitable scientists from each of the G20-countries. For each G20 country, selected scientists will contact the government, together with one from the steering group, in order to actively convince government how urgent the climate crisis has now become and that immediate action is required.

A Scientific Climate Action Task Force will assist all countries with NDCs to become sufficient to reach the goals of the Paris agreement. The G20 (Argentina, Australia, Brazil, Canada, China, Germany, France, India, Indonesia, Italy, Japan, Mexico, Russia, Saudi Arabia, South Africa, Korea, Turkey, UK, US), the European Union (EU) and the African Union (AU) have summits with each member's head of government or state, finance minister, or foreign minister. The G20-countries represent 78.9% of global population and [83.9% of global CO2 emissions from fossil energy](#).

The Scientific Climate Action Task Force should closely connect with COP31, UN Secretary-General, UNGA (UN General Assembly), UNFCCC, and IPCC and people working with the climate issue on a daily basis in networks in NGOs like 'Exponential Roadmap Initiative' and 'We dont have time' and youth organizations like for example Force of Nature (<https://www.forceofnature.xyz/>). The aim is to act on the G20-countries to sharpen their NDCs before COP31 as outlined above. The Scientific Climate Action Task Force could also prepare a global plan to phase out fossil fuel and a plan for how parliaments should receive climate education during coming years. Currently, scientific evidence is being disregarded in decision-making, which calls for a more coordinated mobilization of the scientific community to support governments.



Time for the global scientific community to stand up for the conclusions of climate science

The public support today is strong, 89% demand intensified political action in a survey of 125 countries [published in Nature 2024](#). Yet appeals from scientists are ignored by the politicians, as summarized by sites such as [Climate Action Tracker](#) and [Climate Change Performance Index](#). Emissions must now be halved in just 4 years. How to get the global scientific community to stand up for the conclusions of climate science? The formation of a Scientific Climate Action Task Force is here proposed. A network of global scientists and Nobel price winners could as a group add something new if [they join forces with UN and the host country for COP31](#), to stop further extraction of fossil fuel and to sharpen NDCs that countries will submit.