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Sent: 3/22/2021 2:00:44 PM
To: Lee, Arthur [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=79818ce3871a4b4bbb3d95adbc3966]
Subject: Nations' nationally determined contributions (NDCs) are falling short of the needed pathway to the well below 2 °C goal long term goals of the Paris Agreement

To: Chevron Flexibility Mechanisms Evaluation Network and guests

Nations' nationally determined contributions are falling short of the needed pathway to the well below 2 °C goal long term goals of the Paris Agreement

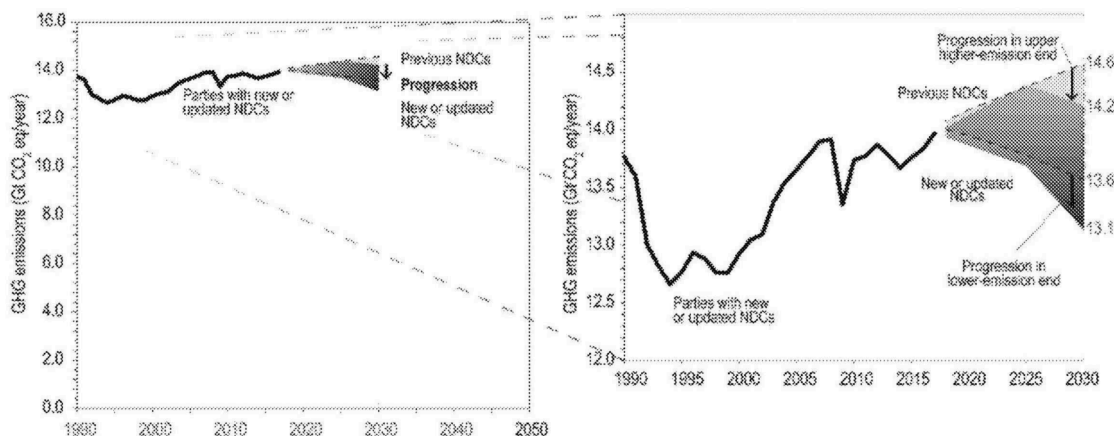
The United Nations Framework Convention on Climate Change (1994 entry into force) has two daughter protocols, the Kyoto Protocol (1997) and the Paris Agreement (2015). The Kyoto Protocol is close to expiration. The Paris Agreement is just beginning implementation. At the heart of the Paris Agreement are the nationally determined contributions, which are contributions to reducing emissions and adaptations to climate change that each nation makes on a voluntary basis, hence the descriptor 'nationally determined contributions.'

The Nationally Determined Contributions (NDC) initial synthesis report required by the decision of the Paris Agreement (1/CP.21), as compiled by the UNFCCC secretariat, was released on 28 February 2021. The objective is to aggregate and synthesize an analysis of what the NDCs submitted so far would mean. The key headline statement of the report can be summarized in one statement:

"For limiting global warming to below 2 °C, CO₂ emissions need to decrease by about 25 per cent from the 2010 level by 2030 and reach net zero around 2070. Deep reductions are required for non-CO₂ emissions as well. Thus, the estimated reductions [of 0.3% reduction in 2025 and 2.8% reduction in 2030], fall far short of what is required, demonstrating the need for Parties to further strengthen their mitigation commitments under the Paris Agreement."

Figure 2

Projected range of greenhouse gas emission levels according to nationally determined contributions



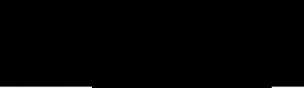
Note: The projected ranges cover the higher-emission end for unconditional elements of NDCs to the lower-emission end when also taking conditional elements of NDCs into account.

Another key statement that is of interest to nations and companies interested in cooperative approaches, including carbon emissions markets ('trading clubs of nations,' and a 'sustainable development mechanism'), is this:

“Almost all Parties provided information on voluntary cooperation under Article 6 of the Paris Agreement, with the share of Parties stating that they plan to or will possibly use at least one type of voluntary cooperation more than doubling since their previous NDCs. At the same time, many more Parties than previously have set qualitative limits on their use of voluntary cooperation for achieving their mitigation targets.”

I posted a longer summary of excerpts of the NDCs Synthesis (initial) Report with additional figures in [this Workplace post](#).

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